Table of Contents

<table>
<thead>
<tr>
<th>Explanation</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title 50:</td>
<td></td>
</tr>
<tr>
<td>Chapter I—United States Fish and Wildlife Service, Department of the Interior</td>
<td>3</td>
</tr>
<tr>
<td>Finding Aids:</td>
<td></td>
</tr>
<tr>
<td>Material Approved for Incorporation by Reference</td>
<td>879</td>
</tr>
<tr>
<td>Table of CFR Titles and Chapters</td>
<td>881</td>
</tr>
<tr>
<td>Alphabetical List of Agencies Appearing in the CFR</td>
<td>899</td>
</tr>
<tr>
<td>List of CFR Sections Affected</td>
<td>909</td>
</tr>
</tbody>
</table>
Cite this Code: CFR

To cite the regulations in this volume use title, part and section number. Thus, 50 CFR 1.1 refers to title 50, part 1, section 1.
Explanation

The Code of Federal Regulations is a codification of the general and permanent rules published in the Federal Register by the Executive departments and agencies of the Federal Government. The Code is divided into 50 titles which represent broad areas subject to Federal regulation. Each title is divided into chapters which usually bear the name of the issuing agency. Each chapter is further subdivided into parts covering specific regulatory areas.

Each volume of the Code is revised at least once each calendar year and issued on a quarterly basis approximately as follows:

- Title 1 through Title 16..............................................................as of January 1
- Title 17 through Title 27 .................................................................as of April 1
- Title 28 through Title 41 .................................................................as of July 1
- Title 42 through Title 50.............................................................as of October 1

The appropriate revision date is printed on the cover of each volume.

LEGAL STATUS

The contents of the Federal Register are required to be judicially noticed (44 U.S.C. 1507). The Code of Federal Regulations is prima facie evidence of the text of the original documents (44 U.S.C. 1510).

HOW TO USE THE CODE OF FEDERAL REGULATIONS

The Code of Federal Regulations is kept up to date by the individual issues of the Federal Register. These two publications must be used together to determine the latest version of any given rule.

To determine whether a Code volume has been amended since its revision date (in this case, October 1, 1998), consult the “List of CFR Sections Affected (LSA),” which is issued monthly, and the “Cumulative List of Parts Affected,” which appears in the Reader Aids section of the daily Federal Register. These two lists will identify the Federal Register page number of the latest amendment of any given rule.

EFFECTIVE AND EXPIRATION DATES

Each volume of the Code contains amendments published in the Federal Register since the last revision of that volume of the Code. Source citations for the regulations are referred to by volume number and page number of the Federal Register and date of publication. Publication dates and effective dates are usually not the same and care must be exercised by the user in determining the actual effective date. In instances where the effective date is beyond the cutoff date for the Code a note has been inserted to reflect the future effective date. In those instances where a regulation published in the Federal Register states a date certain for expiration, an appropriate note will be inserted following the text.

OMB CONTROL NUMBERS

The Paperwork Reduction Act of 1980 (Pub. L. 96-511) requires Federal agencies to display an OMB control number with their information collection request.
Many agencies have begun publishing numerous OMB control numbers as amendments to existing regulations in the CFR. These OMB numbers are placed as close as possible to the applicable recordkeeping or reporting requirements.

**OBsolete PROVISIONS**

Provisions that become obsolete before the revision date stated on the cover of each volume are not carried. Code users may find the text of provisions in effect on a given date in the past by using the appropriate numerical list of sections affected. For the period before January 1, 1986, consult either the List of CFR Sections Affected, 1949-1963, 1964-1972, or 1973-1985, published in seven separate volumes. For the period beginning January 1, 1986, a “List of CFR Sections Affected” is published at the end of each CFR volume.

**INCORPORATION BY REFERENCE**

What is incorporation by reference? Incorporation by reference was established by statute and allows Federal agencies to meet the requirement to publish regulations in the Federal Register by referring to materials already published elsewhere. For an incorporation to be valid, the Director of the Federal Register must approve it. The legal effect of incorporation by reference is that the material is treated as if it were published in full in the Federal Register (5 U.S.C. 552(a)). This material, like any other properly issued regulation, has the force of law.

What is a proper incorporation by reference? The Director of the Federal Register will approve an incorporation by reference only when the requirements of 1 CFR part 51 are met. Some of the elements on which approval is based are:

(a) The incorporation will substantially reduce the volume of material published in the Federal Register.

(b) The matter incorporated is in fact available to the extent necessary to afford fairness and uniformity in the administrative process.

(c) The incorporating document is drafted and submitted for publication in accordance with 1 CFR part 51.

Properly approved incorporations by reference in this volume are listed in the Finding Aids at the end of this volume.

What if the material incorporated by reference cannot be found? If you have any problem locating or obtaining a copy of material listed in the Finding Aids of this volume as an approved incorporation by reference, please contact the agency that issued the regulation containing that incorporation. If, after contacting the agency, you find the material is not available, please notify the Director of the Federal Register, National Archives and Records Administration, Washington DC 20408, or call (202) 523-4534.

**CFR INDEXES AND TABULAR GUIDES**

A subject index to the Code of Federal Regulations is contained in a separate volume, revised annually as of January 1, entitled CFR INDEX AND FINDING AIDS. This volume contains the Parallel Table of Statutory Authorities and Agency Rules (Table I), and Acts Requiring Publication in the Federal Register (Table II). A list of CFR titles, chapters, and parts and an alphabetical list of agencies publishing in the CFR are also included in this volume.

An index to the text of “Title 3—The President” is carried within that volume.

The Federal Register Index is issued monthly in cumulative form. This index is based on a consolidation of the “Contents” entries in the daily Federal Register.
A List of CFR Sections Affected (LSA) is published monthly, keyed to the revision dates of the 50 CFR titles.

REPUBLICATION OF MATERIAL

There are no restrictions on the republication of material appearing in the Code of Federal Regulations.

INQUIRIES

For a legal interpretation or explanation of any regulation in this volume, contact the issuing agency. The issuing agency’s name appears at the top of odd-numbered pages.

For inquiries concerning CFR reference assistance, call 202-523-5227 or write to the Director, Office of the Federal Register, National Archives and Records Administration, Washington, DC 20408.

SALES

The Government Printing Office (GPO) processes all sales and distribution of the CFR. For payment by credit card, call 202-512-1800, M-F, 8 a.m. to 4 p.m. e.s.t. or fax your order to 202-512-2233, 24 hours a day. For payment by check, write to the Superintendent of Documents, Attn: New Orders, P.O. Box 371954, Pittsburgh, PA 15250-7954. For GPO Customer Service call 202-512-1803.

ELECTRONIC SERVICES


The Office of the Federal Register also offers a free service on the National Archives and Records Administration’s (NARA) World Wide Web site for public law numbers, Federal Register finding aids, and related information. Connect to NARA’s web site at www.nara.gov/fedreg. The NARA site also contains links to GPO Access.

RAYMOND A. MOSLEY,
Director,
Office of the Federal Register.

October 1, 1998.
Title 50—Fish and Wildlife is composed of three volumes. The parts in these volumes are arranged in the following order: Parts 1-199, parts 200-599 and part 600 to end. The first volume (parts 1-199) contains the current regulations issued under chapter I—United States Fish and Wildlife Service, Department of the Interior. The second volume (parts 200-599) contains the current regulations issued under chapter II—National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce; chapter III—International Fishing and Related Activities, chapter IV—Joint Regulations (United States Fish and Wildlife Service, Department of the Interior and National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce); Endangered Species Committee regulations; and chapter V—Marine Mammal Commission. The third volume (part 600 to end) contains the current regulations issued under chapter VI—Fishery Conservation and Management, National Oceanic and Atmospheric Administration, Department of Commerce. The contents of these volumes represent all current regulations codified under this title of the CFR as of October 1, 1998.

Alphabetical listings of endangered and threatened wildlife and plants appear in part 17.


For this volume, Cheryl E. Sirofchuck was Chief Editor. The Code of Federal Regulations publication program is under the direction of Frances D. McDonald, assisted by Alomha S. Morris.
Would you like to know . . .
if any changes have been made to the Code of Federal Regulations or what documents have been published in the Federal Register without reading the Federal Register every day? If so, you may wish to subscribe to the LSA (List of CFR Sections Affected), the Federal Register Index, or both.

LSA
The LSA (List of CFR Sections Affected) is designed to lead users of the Code of Federal Regulations to amendatory actions published in the Federal Register. The LSA is issued monthly in cumulative form. Entries indicate the nature of the changes—such as revised, removed, or corrected. $27 per year.

Federal Register Index
The index, covering the contents of the daily Federal Register, is issued monthly in cumulative form. Entries are carried primarily under the names of the issuing agencies. Significant subjects are carried as cross-references. $25 per year.

A finding aid is included in each publication which lists Federal Register page numbers with the date of publication in the Federal Register.

Superintendent of Documents Subscription Order Form

Order Processing Code: *5421

☐ YES, send me the following indicated subscriptions for one year:
   ___ LSA (List of CFR Sections Affected), (LCS) for $27 per year.
   ___ Federal Register Index (FRSU) $25 per year.

The total cost of my order is $ __________.

If subject to change. International customers please add 25%.

Company or personal name _______________________________________________________

Street address _________________________________________________________________

City, State, ZIP code _____________________________________________________________

Daytime phone with area code ____________________________

Purchase order No. (optional) ____________________________

For privacy check box below:
☐ Do not make my name available to other mailers

Check method of payment:
☐ Check payable to Superintendent of Documents

☐ GPO Deposit Account ________ ________ ________ ________

☐ VISA ☐ MasterCard ________ ________ (expiration date)

Credit card No. ________ ________ ________ ________ (must be 20 digits)

Thank you for your order!

Authorized signature ____________________________________________________________

Mail To: Superintendent of Documents
        P.O. Box 371954
        Pittsburgh PA 15250-7954

Fax your orders (202) 512-2250
Phone your orders (202) 512-1800
Title 50—Wildlife and Fisheries

(This book contains parts 1 to 199)

CHAPTER I—United States Fish and Wildlife Service, Department of the Interior

CROSS REFERENCES: Commercial fishing on Red Lake Indian Reservation, Bureau of Indian Affairs: 25 CFR part 242.
Disposal of certain wild animals in national parks, National Park Service: 36 CFR part 10.
Exchanges of land for migratory bird or other wildlife refuges, Bureau of Land Management: 43 CFR 2200.0–1–2272.1.
Fishing in coastal waters, lakes, rivers, bays, etc., Corps of Engineers: 33 CFR part 209.
Fishing, hunting, trapping, and protection of wildlife in national forests and wildlife refuges, Forest Service: 36 CFR part 241, §§261.8, 261.9.
Fishing, hunting, trapping, and protection of wildlife in national parks, memorials, recreation areas, etc., National Park Service: 36 CFR 2.2 and 2.3, and parts 7, 20.
Fishing and hunting in reservoir areas, Corps of Engineers: 36 CFR 327.8.
Free entry of animals, birds and products of American fisheries under specified conditions, Customs Service: 19 CFR 10.70–10.83.
Grazing areas for wildlife maintenance, Bureau of Land Management: 43 CFR Subpart 4110.
Making pictures, television production, or sound tracks on areas administered by the United States Fish and Wildlife Service or the National Park Service: 43 CFR 5.1.
CHAPTER I—UNITED STATES FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR

SUBCHAPTER A—GENERAL PROVISIONS

Part Page
1 Definitions .............................................................. 5
2 Field organization ................................................... 5
3 Nondiscrimination—contracts, permits, and use of facilities ............................................................... 6

SUBCHAPTER B—TAKING, POSSESSION, TRANSPORTATION, SALE, PURCHASE, BARTER, EXPORTATION, AND IMPORTATION OF WILDLIFE AND PLANTS

10 General provisions .................................................. 8
11 Civil procedures ...................................................... 28
12 Seizure and forfeiture procedures ........................... 31
13 General permit procedures ...................................... 40
14 Importation, exportation, and transportation of wildlife ................................................................. 49
15 Wild Bird Conservation Act .................................... 75
16 Injurious wildlife ..................................................... 88
17 Endangered and threatened wildlife and plants ..... 95
18 Marine mammals .................................................. 459
19 Airborne hunting .................................................... 487
20 Migratory bird hunting .......................................... 488
21 Migratory bird permits ........................................... 509
22 Eagle permits ......................................................... 531
23 Endangered species convention ............................... 538
24 Importation and exportation of plants .................... 577

SUBCHAPTER C—THE NATIONAL WILDLIFE REFUGE SYSTEM

25 Administrative provisions .......................................... 580
26 Public entry and use ............................................... 585
27 Prohibited acts ........................................................ 591
28 Enforcement, penalty, and procedural require- ments for violations of parts 25, 26, and 27 ............ 597
<table>
<thead>
<tr>
<th>Part</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td>Land use management</td>
</tr>
<tr>
<td>30</td>
<td>Range and feral animal management</td>
</tr>
<tr>
<td>31</td>
<td>Wildlife species management</td>
</tr>
<tr>
<td>32</td>
<td>Hunting and fishing</td>
</tr>
<tr>
<td>34</td>
<td>Refuge revenue sharing with counties</td>
</tr>
<tr>
<td>35</td>
<td>Wilderness preservation and management</td>
</tr>
<tr>
<td>36</td>
<td>Alaska National Wildlife Refuges</td>
</tr>
<tr>
<td>37</td>
<td>Geological and geophysical exploration of the coastal plain, Arctic National Wildlife Refuge, Alaska</td>
</tr>
<tr>
<td>38</td>
<td>Midway Atoll National Wildlife Refuge</td>
</tr>
</tbody>
</table>

**SUBCHAPTER D [RESERVED]**

**SUBCHAPTER E—MANAGEMENT OF FISHERIES CONSERVATION AREAS**

| 70   | National fish hatcheries        | 748 |
| 71   | Hunting and fishing on national fish hatchery areas | 749 |

**SUBCHAPTER F—FEDERAL AID TO STATES IN FISH AND WILDLIFE RESTORATION**

| 80   | Administrative requirements, Federal Aid in Fish and Federal Aid in Wildlife Restoration Acts | 751 |
| 81   | Conservation of endangered and threatened species of fish, wildlife, and plants—cooperation with the States | 759 |
| 82   | Administrative procedures for grants-in-aid (Marine Mammal Protection Act of 1972) | 763 |
| 83   | Rules implementing the Fish and Wildlife Conservation Act of 1960 | 767 |
| 85   | Clean Vessel Act Grant Program | 773 |

**SUBCHAPTER G—MISCELLANEOUS PROVISIONS**

| 90   | Feeding depredating migratory waterfowl | 783 |
| 91   | Migratory bird hunting and conservation stamp contest | 785 |

**SUBCHAPTER H—NATIONAL WILDLIFE MONUMENTS**

| 96-99 | [Reserved] |
| 100   | Subsistence management regulations for public lands in Alaska | 790 |
| 101-199 | [Reserved] |

**APPENDIX A TO CHAPTER I—CODES FOR THE REPRESENTATION OF NAMES OF COUNTRIES (ESTABLISHED BY THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION)** | 875 |
PART 1—DEFINITIONS

Sec.
1.1 Meaning of terms.
1.2 Authorized representative.
1.3 Service.
1.4 Director.
1.5 Officer in Charge.
1.6 Person.
1.7 Regional director.
1.8 Secretary.

AUTHORITY: 5 U.S.C. 301.

SOURCE: 31 FR 16002, Dec. 15, 1966, unless otherwise noted.

§ 1.1 Meaning of terms.
As used in this chapter, unless separately defined, terms shall have the meaning ascribed in this part.

§ 1.2 Authorized representative.
Authorized representative means the subordinate official to which a principal official has delegated authority to act on a particular matter or a class of matters. The Director, U.S. Fish and Wildlife Service is frequently the authorized representative of the Secretary of the Interior, as also may be a regional director or an officer in charge of a Service field installation.

§ 1.3 Service.
Service means the United States Fish and Wildlife Service, Department of the Interior.

§ 1.4 Director.
Director means the Director, U.S. Fish and Wildlife Service or the authorized representative of such official.

§ 1.5 Officer in Charge.
Officer in Charge means any person in charge of a national fish hatchery, national wildlife refuge, research center, or other U.S. Fish and Wildlife Service installation, or the authorized representative of such official.

§ 1.6 Person.
Person means an individual, club, association, partnership, corporation, or private or public body, any one or all, as the context requires.

§ 1.7 Regional director.
Regional director means the official in charge of a region of the U.S. Fish and Wildlife Service or the authorized representative of such official.

§ 1.8 Secretary.
Secretary means the Secretary of the Interior or the authorized representative of such official.

PART 2—FIELD ORGANIZATION

Sec.
2.1 Regional offices.
2.2 Locations of regional offices.

AUTHORITY: 5 U.S.C. 301.

§ 2.1 Regional offices.
The program operations of the U.S. Fish and Wildlife Service are performed at various types of field installations, such as ecological services stations, endangered species stations, fishery assistance offices, national fish hatcheries, national wildlife refuges, research laboratories and wildlife assistance offices. Generally, field installations are responsible to the regional director who has jurisdiction over Service activities in the State(s) encompassed by the region. Unless otherwise stated for a particular matter in the regulations, all persons may secure from the regional offices information or make submittals or requests, as well as obtain forms and instructions as to the scope and contents of papers or reports required of the public.

§ 2.2 Locations of regional offices.
The geographic jurisdictions and addresses of the U.S. Fish and Wildlife regional offices are as follows:

(a) Portland Regional Office (Region 1—comprising the States of California, Hawaii, Idaho, Nevada, Oregon, and Washington; the Commonwealth of the
3.1 Discrimination prohibited. No person shall, on the ground of race, color, creed, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to any form of discrimination or segregation under any program or activity, or in the use of any facility or accommodation of the Service.

3.2 Federal financial assistance. The provisions of 43 CFR part 17, which implements title VI of the Civil Rights Act of 1964, are applicable to any program or activity for which federal financial assistance is provided under any law administered by the Service, including the programs and activities that are federally assisted under the laws listed in Appendix A of 43 CFR part 17.

3.3 Discrimination by contractors and permittees prohibited. The provisions of part III of Executive Order 10925 (3 CFR, 1959-1963 Comp. p. 448) and the provisions of Executive Order 11114 (3 CFR, 1959-1963 Comp. p. 774), as they may be amended, and the regulations of the President's Council on Equal Opportunity, the President's Committee on Equal Employment Opportunity, the President's Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, the President’s Committee on Equal Employment Opportunity, and the Equal Employment Opportunity Commission are applicable to all agreements, or modifications thereof, between the Service and any person for supplies, services or facilities, or for the use of any Government property, services or facilities.

(a) Any person who provides public accommodations, facilities, services, or privileges upon any land under the control or administration of the Service through a permit, contract, concession contract, or other form of agreement with the Service is prohibited from discriminating by segregation or otherwise against any person because of race, color, creed, or national origin in the furnishing or refusing to furnish...
such person any accommodation, facility, service, or privilege which is offered to or enjoyed by the general public, and will agree to abide by the prohibitions against discrimination contained in the permit, contract, or agreement.

(b) Any person who uses, occupies, or possesses any land under the administration or control of the Service through a permit, contract, concession contract, or other form of agreement with the Bureau is prohibited, in conjunction with the acts or activities authorized or permitted by such permit, contract, or agreement, from discriminating against any employee or applicant for employment or maintaining any employment practice which discriminates in any manner because of race, color, creed, or national origin, and will agree to abide by the prohibitions against discrimination contained in the permit, contract, or agreement.
PART 10—GENERAL PROVISIONS

Subpart A—Introduction

Sec.
10.1 Purpose of regulations.
10.2 Scope of regulations.
10.3 Other applicable laws.
10.4 When regulations apply.

Subpart B—Definitions

10.11 Scope of definitions.
10.12 Definitions.
10.13 List of Migratory Birds.

Subpart C—Addresses

10.21 Director.
10.22 Law enforcement offices.


SOURCE: 38 FR 22015, Aug. 15, 1973, unless otherwise noted.

§ 10.2 Scope of regulations.

The various parts of this subchapter B are interrelated, and particular note should be taken that the parts must be construed with reference to each other.

§ 10.3 Other applicable laws.

No statute or regulation of any State shall be construed to relieve a person from the restrictions, conditions, and requirements contained in this subchapter B. In addition, nothing in this subchapter B, nor any permit issued under this subchapter B, shall be construed to relieve a person from any other requirements imposed by a statute or regulation of any State or of the United States, including any applicable health, quarantine, agricultural, or customs laws or regulations, or other Service enforced statutes or regulations.

§ 10.4 When regulations apply.

The regulations of this subchapter B shall apply to all matters arising after the effective date of such regulations, with the following exceptions:

(a) Civil penalty proceedings. Except as otherwise provided in §11.25, the civil penalty assessment procedures contained in this subchapter B shall apply only to any proceeding instituted by notice of violation dated subsequent to the effective date of these regulations, regardless of when the act or omission which is the basis of a civil penalty proceeding occurred.

(b) Permits. The regulations in this subchapter B shall apply to any permit application received after the effective date of the appropriate regulations in this subchapter B and, insofar as appropriate, to any permit which is renewed after such effective date.

Subpart B—Definitions

§ 10.11 Scope of definitions.

In addition and subject to definitions contained in applicable statutes and subsequent parts or sections of this subchapter B, words or their variants shall have the meanings ascribed in this subpart. Throughout this subchapter B words in the singular form shall include the plural, words in the plural form shall include the singular, and words in the masculine form shall include the feminine.

§ 10.12 Definitions.

Aircraft means any contrivance used for flight in the air.

Amphibians means a member of the class, Amphibia, including, but not limited to, frogs, toads, and salamanders; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Animal means an organism of the animal kingdom, as distinguished from the plant kingdom; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Birds means a member of the class, Aves; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Country of exportation means the last country from which the animal was exported before importation into the United States.

Country of origin means the country where the animal was taken from the wild, or the country of natal origin of the animal.

Crustacean means a member of the class, Crustacea, including but not limited to, crayfish, lobsters, shrimps, crabs, barnacles, and some terrestrial forms; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Director means the Director of the United States Fish and Wildlife Service, Department of the Interior, or his authorized representative.

Endangered wildlife means any wildlife listed in § 17.11 or § 17.12 of this subchapter.

Fish means a member of any of the following classes:

(1) Cyclostomata, including, but not limited to, hagfishes and lampreys;

(2) Elasmobranchii, including but not limited to, sharks, skates, and rays; and

(3) Pisces, including but not limited to, trout, perch, bass, minnows, and catfish; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Fish or wildlife means any wild animal, whether alive or dead, including without limitation any wild mammal, bird, reptile, amphibian, fish, mollusk, crustacean, arthropod, coelenterate, or other invertebrate, whether or not bred, hatched, or born in captivity, and including any part, product, egg, or offspring thereof.

Foreign commerce includes, among other things, any transaction (1) between persons within one foreign country, or (2) between persons in two or more foreign countries, or (3) between a person within the United States and a person in one or more foreign countries, or (4) between persons within the United States, where the fish or wildlife in question are moving in any country or countries outside the United States.

Fossil means the remains of an animal of past geological ages which has been preserved in the earth’s crust through mineralization of the object.

Import means to land on, bring into, or attempt to land on, bring into, or introduce into any place subject to the jurisdiction of the United States, whether or not such landing, bringing, or introduction constitutes an importation within the meaning of the tariff laws of the United States.
§ 10.12

Injurious Wildlife means any wildlife for which a permit is required under subpart B of part 16 of this subchapter before being imported into or shipped between the continental United States, the District of Columbia, Hawaii, the Commonwealth of Puerto Rico, or any possession of the United States.

Mammal means a member of the class, Mammalia; including any part, product, egg, or offspring, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Migratory bird means any bird, whatever its origin and whether or not raised in captivity, which belongs to a species listed in §10.13, or which is a mutation or a hybrid of any such species, including any part, nest, or egg of any such bird, or any product, whether or not manufactured, which consists, or is composed in whole or part, of any such bird or any part, nest, or egg thereof.

Migratory game birds: See §20.11 of this subchapter.

Mollusk means a member of the phylum, Mollusca, including but not limited to, snails, mussels, clams, oysters, scallops, abalone, squid, and octopuses; including any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

Permit means any document designated as a "permit," "license," "certificate," or any other document issued by the Service to authorize, limit, or describe activity and signed by an authorized official of the Service.

Person means any individual, firm, corporation, association, partnership, club, or private body, any one or all, as the context requires.

Plant means any member of the plant kingdom, including seeds, roots and other parts thereof.

Possession means the detention and control, or the manual or ideal custody of anything which may be the subject of property, for one's use and enjoyment, either as owner or as the proprietor of a qualified right in it, and either held personally or by another who exercises it in one's place and name. Possession includes the act or state of possessing and that condition of facts under which one can exercise his power over a corporeal thing at his pleasure to the exclusion of all other persons. Possession includes constructive possession which means not actual but assumed to exist, where one claims to hold by virtue of some title, without having actual custody.

Public as used in referring to museums, zoological parks, and educational institutions, refers to such as are open to the general public and are either established, maintained, and operated as a governmental service or are privately endowed and organized but not operated for profit.

Reptile means a member of the class, Reptilia, including but not limited to, turtles, snakes, lizards, crocodiles, and alligators; including any part, product, egg, or offspring thereof, or the dead body or parts thereof, whether or not included in a manufactured product or in a processed food product.

Secretary means the Secretary of the Interior or his authorized representative.

Service means the United States Fish and Wildlife Service, Department of the Interior.

Shellfish means an aquatic invertebrate animal having a shell, including, but not limited to, (a) an oyster, clam, or other mollusk; and (b) a lobster or other crustacean; or any part, product, egg, or offspring thereof, or the dead body or parts thereof (excluding fossils), whether or not included in a manufactured product or in a processed food product.

State means any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the Virgin Islands, and Guam.

Take means to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, shoot, wound, kill, trap, capture, or collect. (With reference to marine mammals, see Part 18 of this subchapter.)

Transportation means to ship, convey, carry or transport by any means whatever, and deliver or receive for such shipment, conveyance, carriage, or transportation.

United States means the several States of the United States of America,
the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the Virgin Islands, and Guam.

Whoever means the same as person.

Wildlife means the same as fish or wildlife.

§ 10.13 List of Migratory Birds.

The following is a list of all species of migratory birds protected by the Migratory Bird Treaty Act (16 U.S.C. 703-711) and subject to the regulations on migratory birds contained in this subchapter B of title 50 CFR. The species listed are those protected by this Convention for the Protection of Migratory Birds, August 16, 1916, United States-Great Britain (on behalf of Canada), 39 Stat. 1702, T.S. No. 628; the Convention for the Protection of Migratory Birds and Game Mammals, February 7, 1936, United States-Mexico, 50 Stat. 1311, T.S. No. 912; the Convention for the Protection of Migratory Birds and Birds in Danger of Extinction, and Their Environment, March 4, 1972, United States-Japan, 25 U.S.T. 3329, T.I.A.S. No. 7990; and the Convention for the Conservation of Migratory Birds and Their Environment, United States-U.S.S.R., November 26, 1976, 92 Stat. 3110, T.I.A.S. 9073, 16 U.S.C. 703, 712. The species are listed two ways. In the first part of the List species are arranged alphabetically by English (common) name groups, with the scientific name following the English (common) name. All species of ducks are listed together under the heading "Ducks." In the second part of the List, species are listed by scientific name arranged in taxonomic order. Taxonomy and nomenclature follows the American Ornithologists’ Union’s Check-list of North American Birds (6th Edition, 1983).

I. Alphabetical Listing

Accentor, Siberian, Prunella montanella

Albatross:

Black-footed, Diomedea nigripes

Laysan, Diomedea immutabilis

Short-tailed, Diomedea alba

Yellow-nosed, Diomedea chlororhynchos

Anhinga, Anhinga anhinga

Ani:

Groove-billed, Crotophaga ani

Smooth-billed, Crotophaga ani

Auklet:

Cassin's, Ptychoramphus aleuticus

Crested, Aethia cristatella

Least, Aethia pusilla

Parakeet, Cyclorrhynchus psittacula

Rhinoceros, Cerorhinca monocerata

Whiskered, Aethia pygmaea

Avocet, American, Recurvirostra americana

Barn-Owl, Common, Tyto alba

Beardless-Tyrannulet, Northern, Camptostoma imberbe

Becard, Rose-throated, Pachyramphus aglaiae

Bittern:

American, Botaurus lentiginosus

Chinese, Ixobrychus sinensis

Least, Ixobrychus exilis

Schrenk’s, Ixobrychus eurhythmus

Black-Hawk, Common, Buteogallus anthracinus

Blackbird:

Brewer’s, Euphagus cyanocephalus

Red-winged, Agelaius phoeniceus

Rusty, Euphagus carolinus

Tawny-shouldered, Agelaius humeralis

Tricolored, Agelaius tricolor

Yellow-headed, Xanthocephalus xanthocephalus

Yellow-shouldered, Agelaius xanthomus

Bluebird:

Eastern, Sialia sialis

Mountain, Sialia currucoides

Western, Sialia mexicana

Bluetothroat, Luscinia svecica

Bobolink, Dolichonyx oryzivorus

Booby:

Blue-footed, Sula nebouxii

Brown, Sula leucogaster

Masked, Sula dactylatra

Red-footed, Sula sula

Brambling, Fringilla montifringilla

Brant, Branta bernicla

Bufflehead (see Ducks)

Bullfinch:

Eurasian, Pyrrhula pyrrhula

Puerto Rican, Loxigilla portoricensis

Bunting:

Indigo, Passerina cyanea

Lark, Calamospiza melanorys

Lazuli, Passerina amoena

McKay’s, Plectrophenax hyperboreus

Painted, Passerina ciris

Reed (see Reed-Bunting)

Rustic, Emberiza rustica

Snow, Plectrophenax nivalis

Varied, Passerina versicolor

Bushshit, Psaltriparus minimus

Canvasback (see Ducks)

Caracara, Crested, Polyborus plancus

Cardinal, Northern, Cardinalis cardinalis

Carib, Green-throated, Eulampis holosericeus

Catbird, Gray, Dumetella carolinensis

Chat, Yellow-breasted, Icteria virens

Chickadee (see Tit):

Black-capped, Parus atricapillus

Boreal, Parus hudsonicus

Carolina, Parus carolinensis
Chestnut-backed, *Parus rufescens*  
Mexican, *Parus sclateri*  
Mountain, *Parus gambeli*  
Chuck-will's-widow, *Caprimulgus carolinensis*  
Coot, California, *Fulica californiana*  
Cormorant:  
Brandt's, *Phalacrocorax penicillatus*  
Double-crested, *Phalacrocorax auritus*  
Great, *Phalacrocorax carbo*  
Olivaceous, *Phalacrocorax olivaceus*  
Pelagic, *Phalacrocorax pelagicus*  
Red-faced, *Phalacrocorax urile*  
Cowbird:  
Bronzed, *Molothrus aeneus*  
Brown-headed, *Molothrus ater*  
Shiny, *Molothrus bonariensis*  
Crake:  
Corn, *Crex crex*  
Yellow-breasted, *Porzana flaviventer*  
Crane:  
Common, *Grus grus*  
Sandhill, *Grus canadensis*  
Whooping, *Grus americana*  
Creeper, Brown, *Certhia americana*  
Crossbill:  
Red, *Loxia curvirostra*  
White-winged, *Loxia leucoptera*  
Crow:  
American, *Corvus brachyrhynchos*  
Fish, *Corvus ossifragus*  
Hawaiian, *Corvus hawaiiensis*  
Mexican, *Corvus imparatus*  
Northwestern, *Corvus caurinus*  
White-necked, *Corvus leucognaphalus*  
Cuckoo:  
Black-billed, *Coccyzus erythropthalmus*  
Common, *Cuculus canorus*  
Hawk (see Hawk-Cuckoo)  
Lizard (see Lizard-Cuckoo)  
Mangrove, *Coccyzus minor*  
Oriental, *Coccyzus saturatus*  
Yellow-billed, *Coccyzus americanus*  
Curlew (see Whimbrel):  
Bristle-thighed, *Numenius tahitiensis*  
Eskimo, *Numenius borealis*  
Far Eastern, *Numenius madagascariensis*  
Least, *Numenius minutus*  
Long-billed, *Numenius americanus*  
Dickcissel, *Spiza americana*  
Dipper, American, *Cinclus mexicanus*  
Dotterel, Eurasian, *Charadrius morinellus*  
Dove:  
Ground (see Ground-Dove)  
Inca, *Columbina inca*  
Mourning, *Zenaida macroura*  
Quail (see Quail-Dove)  
White-tipped, *Leptotila verreauxi*  
White-winged, *Zenaida asiatica*  
Zenaida, *Zenaida aurita*  
Dovekie, *Alle alle*  
Dowitcher:  
Long-billed, *Limnodromus scolopaceus*  
Short-billed, *Limnodromus griseus*  
Ducks  
American Black Duck, *Anas rubripes*  
Bufflehead, *Bucephala albeola*  
Canvasback, *Aythya valisineria*  
Eider:  
Common, *Somateria mollissima*  
King, *Somateria spectabilis*  
Spectacled, *Somateria fischeri*  
Steller's, *Polysticta stelleri*  
Gadwall, *Anas strepera*  
Garganey, *Anas querquedula*  
Goldeneye:  
Barrow's, *Bucephala islandica*  
Common, *Bucephala clangula*  
Harlequin Duck, *Histrionicus histrionicus*  
Hawaiian Duck, *Anas wyvilliana*  
Laysan Duck, *Anas laysanensis*  
Mallard, *Anas platyrhynchos*  
Masked Duck, *Oxyura leucocephala*  
Merganser:  
Common, *Mergus merganser*  
Hooded, *Lophodytes cucullatus*  
Red-breasted, *Mergus serrator*  
Mottled Duck, *Anas fulvigula*  
Oldsquaw, *Clangula hyemalis*  
Pintail:  
Northern, *Anas acuta*  
White-cheeked, *Anas bahamensis*  
Pochard:  
Baer's, *Aythya baeri*  
Common, *Aythya ferina*  
Redhead, *Aythya americana*  
Ring-necked Duck, *Aythya collaris*  
Ruddy Duck, *Oxyura jamaicensis*  
Scaup:  
Greater, *Aythya marila*  
Lesser, *Aythya affinis*  
Scoter:  
Black, *Melanitta nigra*  
Surf, *Melanitta perspicillata*  
White-winged, *Melanitta fusca*  
Shoveler, *Anas clypeata*  
Smew, *Mergellus albellus*  
Teal:  
Baikal, *Anas formosa*  
Blue-winged, *Anas discors*  
Cinnamon, *Anas cyanoptera*  
Falcated, *Anas falcata*  
Green-winged, *Anas crecca*  
Tufted Duck, *Aythya fuligula*  
Whistling-Duck:  
Black-bellied, *Dendrocygna autumnalis*  
Fulvous, *Dendrocygna bicolor*  
West Indian, *Dendrocygna arborea*  
Wigeon:  
American, *Anas americana*  
Eurasian, *Anas penelope*  
Wood Duck, *Aix sponsa*  
End of Ducks
§ 10.13

U.S. Fish and Wildlife Serv., Interior

Egret:
- Cattle, Bubulcus ibis
- Chinese, Egretta eulophotes
- Great, Casmerodius albus
- Plumbeous, Egretta intermedia
- Reddish, Egretta rufescens
- Snowy, Egretta thula

Eider (see DUCKS)
- Eoana, Caribbean, Eoana martinica

Emerald, Puerto Rican, Chlorostilbon maugaeus

Euphonia, Antillean, Euphonia musica

Falcon:
- Aplomado, Falco femoralis
- Peregrine, Falco peregrinus
- Prairie, Falco mexicanus

Fieldfare, Turdus pilaris

Finch:
- Cassin’s, Carpodacus cassini
- House, Carpodacus mexicanus
- Purple, Carpodacus purpureus

Flamingo, Greater, Phoenicopterus ruber

Flicker, Northern, Colaptes auratus

Flycatcher:
- Acadian, Empidonax virens
- Alder, Empidonax alnorum
- Ash-throated, Myiarchus cinerascens
- Brown-crested, Myiarchus tyrannulus
- Buff-breasted, Empidonax fulvifrons
- Dusky, Empidonax oberholseri
- Dusky-capped, Myiarchus tuberculifer
- Fork-tailed, Tyrannus savana
- Gray, Empidonax wrightii
- Gray-spotted, Myiarchus griseisticta
- Great Crested, Myiarchus crinitus
- Hammond’s, Empidonax hammondii
- Least, Empidonax minimus
- Narcissus, Myiarchus narcissa
- Nutting’s, Myiarchus nuttingi
- Olive-sided, Contopus borealis
- Puerto Rican, Myiarchus antillarum
- Scissor-tailed, Tyrannus forfatus
- Sulphur-bellied, Myiodyastes luteiventris
- Vermilion, Pyrocephalus rubinus
- Western, Empidonax difficilis
- Willow, Empidonax traillii
- Yellow-bellied, Empidonax flaviventris

Frigatebird:
- Great, Fregata minor
- Magnificent, Fregata magnificens
- Lesser, Fregata ariel

Gull:
- Xema sabini

Gull:
- Bonaparte’s, Larus philadelphia
- California, Larus californicus
- Common Black-headed, Larus ridibundus

Gull:
- Franklin’s, Larus pipixcan
- Glaucous, Larus hyperboreus
- Glaucous-winged, Larus glaucescens
- Great Black-backed, Larus marinus
- Herring, Larus argentatus
- Iceland, Larus glaucoides
- Ivory, Pagophila eburnea
- Laughing, Larus atricilla
- Lesser Black-backed, Larus fuscus
- Little, Larus minutus
- Mew, Larus canus
- Ring-billed, Larus delawarensis
- Ross’, Rhodostethia rosea
- Sabine’s, Xema sabini

Goshawk, Northern, Accipiter gentilis

Grackle:
- Boat-tailed, Quiscalus major
- Common, Quiscalus quiscula
- Great-tailed, Quiscalus mexicanus
- Greater Antillean, Quiscalus niger

Grasshopper-Warbler, Middendorff’s, Locustella ochotensis

Grasshopper-Warbler, Middendorff’s, Locustella ochotensis

Greenfinch, Oriental, Carduelis sinica

Grebe:
- Eared, Podiceps nigricollis
- Horned, Podiceps auritus

Grosbeak:
- Black-headed, Pheucticus melanocephalus
- Blue, Guiraca caerulea
- Crimson-collared, Rhodothera sp caleano
- Evening, Coccothraustes vespertinus
- Pine, Pinicola enucleator
- Rose-breasted, Pheucticus ludovicianus
- Yellow, Pheucticus chrysopyilus

Ground-Dove, Columbina passerina

Guillemot:
- Black, Cepphus grylle
- Pigeon, Cepphus columba

Gull:
- Bonaparte’s, Larus philadelphia
- California, Larus californicus

Gnatcatcher:
- Black-capped, Polioptila nigriceps

Gnatcatcher:
- Black-capped, Polioptila nigriceps
- Black-tailed, Polioptila melanura
- Blue-gray, Polioptila caerulea
§ 10.13

Slaty-backed, Larus schistisagus
Thayer's, Larus thayeri
Western, Larus occidentalis
Yellow-footed, Larus livens
Gyrfalcon, Falco rusticolus
Harrier, Northern, Circus cyaneus
Hawfinch, Coccothraustes coccothraustes
Hawk:
Asiatic Sparrow, Accipiter gularis
Black (see Black-Hawk)
Broad-winged, Buteo platypterus
Cooper's, Accipiter cooperii
Ferruginous, Buteo regalis
Gray, Buteo nitidus
Harris', Parabuteo unicinctus
Hawaiian, Buteo solitarius
Red-shouldered, Buteo lineatus
Red-tailed, Buteo jamaicensis
Rough-legged, Buteo lagopus
Sharp-shinned, Accipiter striatus
Short-tailed, Buteo brachyrurus
Swainson's, Buteo swainsoni
White-tailed, Buteo albicollis
Zone-tailed, Buteo albonotatus
Hawk-Cuckoo, Hodgson's, Cuculus fugax
Hawk-Owl, Northern, Surnia ulula
Heron:
Great Blue, Ardea herodias
Green-backed, Butorides striatus
Little Blue, Egretta caerulea
Night (see Night-Heron)
Pacific Reed, Egretta sacra
Tricolored, Egretta tricolor
Hoopoe, Upupa epops
House-Martins, Common, Delichon urbica
Huminmgbird (see Carib, Emerald, Mango,
Starthroat, Woodstar, Violet-ear):
Alien's, Selasphorus sasin
Anna's, Calypte anna
Antillean Crested, Orthopygus cristatus
Beryllyne, Amazilia beryllina
Black-chinned, Archilochus alexandri
Blue-throated, Lampornis clemenciae
Broad-billed, Cynanthus latirostris
Broad-tailed, Selasphorus platycercus
Buff-bellied, Amazilia yucatanensis
Calliope, Stelula calliope
Costa's, Calypte costae
Lucifer, Calothorax lucifer
Magnificent, Eugenes fulgens
Ruby-throated, Archilochus colubris
Rufous, Selasphorus rufus
Violet-crowned, Amazilia violiceps
White-eared, Hylocharis leucotis
Ibis:
Glossy, Plegadis falcinellus
Scarlet, Eudocimus ruber
White, Eudocimus albus
White-faced, Plegadis chihi
Jabiru, Jabiru mycteria
Jacana, Northern, Jacana spinosa
Jaeger:
Long-tailed, Stercorarius longicaudus
Parasitic, Stercorarius parasiticus
Pomarine, Stercorarius pomarinus
Jay:
Blue, Cyanocitta cristata
Brown, Cyanocorax morio
Gray, Perisoreus canadensis
Gray-breasted, Aphelocoma ultramarina
Green, Cyanocorax yncas
Pinyon, Gymnorhinus cyanocephalus
Scrub, Aphelocoma coerulescens
Steller's, Cyanocitta stelleri
Junco:
Dark-eyed, Junco hyemalis
Yellow-eyed, Junco phaeonotus
Kestrel:
American, Falco sparverius
Eurasian, Falco tinnunculus
Kildeer, Charadrius vociferus
Kingbird:
Cassin's, Tyrannus vociferans
Couch's, Tyrannus couchii
Eastern, Tyrannus tyrannus
Gray, Tyrannus dominicensis
Loggerhead, Tyrannus caudifasciatus
Thick-billed, Tyrannus crissalis
Tropical, Tyrannus melancholicus
Western, Tyrannus verticalis
Kingfisher:
Belted, Ceryle alcyon
Green, Chloroceryle americana
Ringed, Ceryle torquata
Kinglet:
Golden-crowned, Regulus satrapa
Ruby-crowned, Regulus calendula
Kiskadee, Great, Pitangus sulphuratus
Kite:
American Swallow-tailed, Elanoides forficatus
Black, Milvus migrans
Black-shouldered, Elanus caeruleus
Hook-billed, Chondrohierax uncinatus
Mississippi, Ictinia mississippiensis
Snail, Rostrhamus sociabilis
Kittiwake:
Black-legged, Larus triactyla
Red-legged, Larus brevirostris
Knot:
Great, Calidris tenuirostris
Red, Calidris canutus
Lapwing, Northern, Vanellus vanellus
Lark, Horned, Eremophila alpestris
Limpkin, Aramus guarauna
Lizard-Cuckoo, Puerto Rican, Saurothera vieilloti
Longspur:
Chesnut-colared, Calcarius ornatus
Lapland, Calcarius lapponicus
McCown's, Calidris mccownii
Smith's, Calidris pictus
Loon:
Arctic, Gavia arctica
Common, Gavia immer
Red-throated, Gavia stellata
Yellow-billed, Gavia adamsii
Magpie:
Black-billed, Pica pica
Yellow-billed, Pica nuttalli
Mallard (see DUCKS)
Mango:
Antillean, Anthracothorax dominicus
Green, Anthracothorax viridis
U.S. Fish and Wildlife Serv., Interior § 10.13

Martin:
  Caribbean, Progne dominicensis
  Cuban, Progne cryptoleuca
  Gray-breasted, Progne chalybea
  House (see House-Martin)
  Purple, Progne subs

Meadowlark:
  Eastern, Sturnella magna
  Western, Sturnella neglecta

Merganser (see DUCKS)

Merlin, Falco columbarius

Mockingbird, Northern, Mimus polyglottos

Moorhen, Common, Gallinula chloropus

Murre:
  Common, Uria aalge
  Thick-billed, Uria lomvia

Murrelet:
  Ancient, Synthliboramphus antiquus
  Craveri’s, Synthliboramphus craveri
  Kittlitz’s, Brachyramphus brevirostris
  Marbled, Brachyramphus marmoratus
  Xantus’, Synthliboramphus hypoleucus

Needletail, White-throated, Hirundapus caudacutus

Night-Heron:
  Black-crowned, Nycticorax nycticorax
  Japanese, Nycticorax goisagi
  Malay, Nycticorax melanolophus
  Yellow-crowned, Nycticorax violaceus

Nighthawk:
  Antillean, Chordeiles gundlachii
  Common, Chordeiles minor
  Lesser, Chordeiles acutipennis

Nightjar:
  Buff-colored, Caprimulgus Ridgwayi
  Jungle, Caprimulgus indicus
  Puerto Rican, Caprimulgus nocitbearer

Noddy:
  Black, Anous minutus
  Blue-gray, Procelsterna cerulea
  Brown, Anous stolidus
  Lesser, Anous tenuirostris

Nutcracker, Clark’s, Nucifraga columbiana

Nuthatch:
  Brown-headed, Sitta pusilla
  Pygmy, Sitta pygmaea
  Red-breasted, Sitta canadensis
  White-breasted, Sitta carolinensis

Oldsquaw (see DUCKS)

Oriole:
  Altamira, Icterus gularis
  Audubon’s, Icterus graduacauda
  Black-cowled, Icterus dominicensis
  Black-vented, Icterus wagleri
  Hooded, Icterus cucullatus
  Northern, Icterus galbula
  Orchard, Icterus spurius
  Scott’s, Icterus parisorum
  Streak-backed, Icterus pustulatus

Osprey, Pandion hallaetus

Ovenbird, Seiurus aurocapillus

Owl:
  Barn (see Barn-Owl)
  Barred, Strix Variety
  Boreal, Aegolius funereus
  Burrowing, Athene cunicularia
  Elf, Micrathene whitneyi

Flammulated, Otus flammeolus
  Great Gray, Strix nebulosa
  Great Horned, Bubo virginianus
  Hawk (see Hawk-Owl)
  Long-eared, Asio otus
  Pygmy (see Pygmy-Owl)
  Saw-whet (see Saw-Whet Owl)
  Screech (see Screech-Owl)
  Short-eared, Asio flamingus
  Snowy, Nyctea scandiaca
  Spotted, Strix occidentalis

Oystercatcher:
  American, Haematopus palliatus
  Black, Haematopus bachmani

Parula:
  Northern, Parula americana
  Tropical, Parula pitiayumi

Pauraque, Common, Nyctidromus albicollis

Pelican:
  American White, Pelecanus erythrorhynchos
  Brown, Pelecanus occidentalis

Petrel:
  Black-capped, Pterodroma hasitata
  Bonin, Pterodroma hypoleuca
  Bulwer’s, Bulweria bulwerii
  Cook’s, Pterodroma cookii
  Dark-rumped, Pterodroma phaeopygia
  Herald, Pterodroma arminjoniana
  Kermadec, Pterodroma neglecta
  Mottled, Pterodroma inexpectata
  Murphy’s, Pterodroma ultima
  Storm (see Storm-Petrel)
  White-necked, Pterodroma externa

Pewee:
  Greater, Contopus pertinax
  Lesser Antillean, Contopus latirostris
  Wood (see Wood-Pewee)

Phainopepla, Phainopepla nitens

Phalarope:
  Red, Phalaropus fulicaria
  Red-necked, Phalaropus lobatus
  Wilson’s, Phalaropus tricolor

Phoebe:
  Black, Sayornis nigricans
  Eastern, Sayornis phoebe
  Say’s, Sayornis saya

Pigeon:
  Band-tailed, Columba fasciata
  Plain, Columba inornata
  Red-billed, Columba flavirostris
  Scaly-naped, Columba squamosa
  White-crowned, Columba leuccephala

Pintail (see DUCKS)

Pipit:
  Pechora, Anthus gustavi
  Red-throated, Anthus cervinus
  Sprague’s, Anthus spraguei
  Tree (see Tree-Pipit)
  Water, Anthus spinoletta

Plover:
  Black-bellied, Pluvialis squatarola
  Common Ringed, Charadrius hiaticula
  Golden (see Golden-Plover)
  Great Sand, Charadrius leschenaultii
  Little Ringed, Charadrius dubius
  Mountain, Charadrius montanus

Mountain, Charadrius montanus
§ 10.13

Piping, Charadrius melodus
Semipalmated, Charadrius semipalmatus
Snowy, Charadrius alexandrinus
Wilson’s, Charadrius wilsonia
Pochard (see DUCKS)
Poorwill, Common, Phalaenoptilus nuttallii
Puffin:
Atlantic, Fratercula arctica
Horned, Fratercula corniculata
Tufted, Fratercula cirrhata
Pygmy-Owl:
Ferruginous, Glaucidium brasilianum
Northern, Glaucidium gnoma
Pyrrhuloxia, Cardinalis sinuatus
Quail-Dove:
Bridled, Geotrygon mystacea
Key West, Geotrygon chrysia
Ruddy, Geotrygon montana
Rail:
Black, Laterallus jamaicensis
Clapper, Rallus longirostris
King, Rallus elegans
Sora (see Sora)
Virginia, Rallus limicola
Yellow, Coturnicops noveboracensis
Raven:
Chihuahuan, Corvus cryptoleucus
Common, Corvus corax
Razorbill, Alca torda
Redhead (see DUCKS)
Redpoll:
Common, Carduelis flammea
Hoary, Carduelis hornemanni
Redshank, Spotted, Tringa erythropus
Redstart:
American, Setophaga ruticilla
Slaty-throated, Myioborus minimus
Reed-Bunting:
Common, Emberiza schoeniculus
Pallas’, Emberiza pallasi
Roadrunner, Greater, Geococcyx californianus
Robin:
American, Turdus migratorius
Clay-colored, Turdus grayi
Rufous-backed, Turdus rufipalustris
Rosefinch, Common, Carpodacus erythrinus
Rough-winged Swallow, Northern, Stelgidopteryx serripennis
Rubythroat, Siberian, Luscinia calliope
Ruff, Philomachus pugnax
Sanderling, Calidris alba
Sandpiper:
Baird’s, Calidris bairdii
Broad-billed, Limicola falcinellus
Buff-breasted, Tryngites subruficollis
Common, Actitis hypoleucos
Curlew, Calidris ferruginea
Dunlin, Calidris alpina
Marsh, Tringa stagnatilis
Pectoral, Calidris melanotos
Purple, Calidris maritima
Rock, Calidris ptilocnemis
Semipalmated, Calidris pusilla
Sharp-tailed, Calidris acuticauda
Solitary, Tringa solitaria
Spoonbill, Euryorhynchus pygmeus
Spotted, Actitis macularia
Stilt, Calidris himantopus
Terek, Xenus cinereus
Upland, Bartramia longicauda
Western, Calidris mauri
White-rumped, Calidris fuscicollis
Wood, Tringa glareola
Sandpiper:
Red-breasted, Sphyrapicus ruber
Williamson’s, Sphyrapicus thyroideus
Yellow-bellied, Sphyrapicus varius
Saw-whet Owl, Northern, Aegolius acadicus
Scoter (see DUCKS)
Screech-Owl:
Eastern, Otus asio
Puerto Rican, Otus nendipes
Western, Otus kennicottii
Whiskered, Otus trichopsis
Sea-Eagle, Haliaeetus pelagicus
Seedeater, White-collared, Sporophila torquata
Shearwater:
Audubon’s, Puffinus lherminieri
Black-vented, Puffinus opisthomelas
Buller’s, Puffinus bulleri
Christmas, Puffinus nativitatis
Cory’s, Calonectris diomedea
Flesh-footed, Puffinus carneipes
Greater, Puffinus gravis
Little, Puffinus assimilis
Manx, Puffinus puffinus
Pink-footed, Puffinus creatopus
Short-tailed, Puffinus tenuirostris
Sooty, Puffinus griseus
Townsend’s, Puffinus auricularis
Wedge-tailed, Puffinus pacificus
Shovel (see DUCKS)
Shrike:
Loggerhead, Lanius ludovicianus
Northern, Lanius excubitor
Siskin, Pine, Carduelis pinus
Skimmer, Black, Rhynchops niger
Skua:
Great, Catharacta skua
South Polar, Catharacta maccormicki
Smyrni, Eurasian, Alauda arvensis
Smew (see DUCKS)
Snipe:
Common, Gallinago gallinago
Jack, Lymnocryptes minimus
Pin-tailed, Gallinago stenura
Swinhoe’s, Gallinago megala
Solitaire, Townsend’s, M. yudestes Townsendi
Sora, Porzana carolina
Sparrow:
American Tree, Spizella arborea
Bachman’s, Spizella arborea
Baird’s, Ammodramus bairdii
Black-chinned, Spizella atricollis
Black-throated, Amphispiza bilineata
Botteri’s, Spizella botterii
Brewer’s Spizella breweri
Cassin’s, Spizella cassini
Chipping, Spizella passerina
Clay-colored, Spizella pallida
Field, Spizella pusilla
Five-striped, Amphispiza quinquestriata
Fox, Passerella iliaca
Golden-crowned, Zonotrichia atricapilla
Grasshopper, Ammodramus savannarum
Harris', Zonotrichia querula
Henslow's, Ammodramus henslowii
Lark, Chondestes grammacus
Le Conte's, Ammodramus lecontei
Rio Grande, Melospiza lincolnii
Olive, Arrenepomus rufigratus
Rufous-crowned, Almophila ruficeps
Rufous-winged, Almophila carpalis
Sage, Amphispiza belli
Savannah, Passerculus sandwichensis
Seaside, Ammodramus maritimus
Sharp-tailed, Ammodramus caudacutus
Song, Melospiza melodia
Swamp, Melospiza georgiana
Vesper, Poecetes gramineus
White-crowned, Zonotrichia leucophrys
White-throated, Zonotrichia albicollis
Worthen's, Spizella wortheni
Spoonbill, Roseate, Ajaia ajaja
Starling:
Ashy, Sturnus cineraceus
Violet-backed, Sturnus philippensis
Stint:
Little, Calidris minuta
Long-toed, Calidris subminuta
Rufous-necked, Calidris ruficollis
Temminck's, Calidris temminckii
Stork, Wood, Mycteria americana
Storm-Petrel:
Ashy, Oceanodroma homochroa
Band-rumped, Oceanodroma castro
Black, Oceanodroma melanu
Fork-tailed, Oceanodroma fucata
Leach's, Oceanodroma leucorhoa
Least, Oceanodroma microsoma
Sooty, Oceanodroma tristrami
Wedge-rumped, Oceanodroma tethys
White-faced, Pelagodroma marinus
Wilson's, Oceanites oceanicus
Surfbird, Aphriza virgata
Swallow:
Bahama, Tachycineta cyanoeuroidis
Bank, Riparia riparia
Barn, Hirundo rustica
Cave, Hirundo fulva
Cliff, Hirundo pyrrhonota
Rough-winged, see Rough-winged Swallow
Tree, Tachycineta bicolor
Violet-green, Tachycineta thalassina
Swan:
Trumpeter, Cygnus buccinator
Tundra, Cygnus columbianus
Whooper, Cygnus cygnus
Swift:
Antillean Palm, Tachornis phenicobia
Black, Cypseloides niger
Chimney, Chaetura pelagica
Common, Apus apus
Fork-tailed, Apus pacificus
Needle-tailed, (see Needletail)

§ 10.13

Vaux's, Chaetura vauxi
White-collared, Streptoprocne zonaris
White-throated, Aeraonutes saxatalis
Tanager:
Hepatic, Piranga flava
Puerto Rican, Neospingus specularis
Scarlet, Piranga olivacea
Striped-headed, Spindalis zena
Summer, Piranga rubra
Western, Piranga ludoviciiana
Tattler:
Gray-tailed, Heteroscelus brevipes
Wandering, Heteroscelus incanus
Teal (see DUCKS)

Tern:
Aleutian, Sterna aleutica
Arctic, Sterna paradisaica
Black, Chlidonias niger
Black-naped, Sterna sumatrana
Bridled, Sterna anaethetus
Caspiam, Sterna caspia
Common, Sterna hirundo
Elegant, Sterna elegans
Forster's, Sterna forsteri
Gray-backed, Sterna lunata
Gull-billed, Sterna nilotica
Least, Sterna antillarum
Little, Sterna albifrons
Roseate, Sterna dougallii
Royal, Sterna maxima
Sandwich, Sterna sandvicensis
Sooty, Sterna fuscata
White, Gygis alba
White-winged, Chlidonias leucophaerus

Thraiser:
Bendire's, Toxostoma bendirei
Brown, Toxostoma rufum
California, Toxostoma rufinivum
Crissal, Toxostoma crissale
Curve-billed, Toxostoma curvirostre
Le Conte's, Toxostoma lecontei
Long-billed, Toxostoma longirostre
Pearly-eyed, Margarops fuscatus
Sage, Oeocetes montanus

Thrush:
Aztec, Ridgwayia pinicola
Blue Rock, Monticola solitarius
Dusky, Turdus naumanni
Eye-browed, Turdus obscurus
Gray-cheeked, Catharus minimus
Hawaiian, Phaeornis obscurus
Hermit, Catharus guttatus
Red-legged, Turdus plumbeus
Small Kauai, Phaeornis palmeri
Swainson's, Catharus ustulatus
Varied, Ixoreus naevius
Wood, Hylocichla minima

Tit, Siberian, Parus cinctus
Titmouse:
Bridled, Parus wollweberi
Plain, Parus inornatus
Tufted, Parus bicolor

Townshend's:
Abert's, Pipilo aberti
Brown, Pipilo fuscus
Green-tailed, Pipilo chlorurus
Rufous-sided, Pipilo erythrophthalmus
<table>
<thead>
<tr>
<th>Bird</th>
<th>Scientific Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree-Pipit, Olive</td>
<td>Catharus fuscens</td>
</tr>
<tr>
<td>Trogon</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Eared, Euphiepetus</td>
<td>Bombycilla garrulus</td>
</tr>
<tr>
<td>Elegant, Trogon</td>
<td>Contopus virens</td>
</tr>
<tr>
<td>Tropicbird</td>
<td>Dendroica pinus</td>
</tr>
<tr>
<td>Red-billed, Phaethon</td>
<td>Pseudotricerastes capensis</td>
</tr>
<tr>
<td>Red-tailed, Phaethon</td>
<td>Phaethon rubricauda</td>
</tr>
<tr>
<td>White-tailed, Phaethon</td>
<td>Phaethon albolarvatus</td>
</tr>
<tr>
<td>Turnstone</td>
<td>Dryocopus pileatus</td>
</tr>
<tr>
<td>Black, Arenaria melanocepha</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Ruddy, Arenaria interpres</td>
<td>Thryomanes bewickii</td>
</tr>
<tr>
<td>Veery, Catharus fuscescens</td>
<td>Dendroica tigrina</td>
</tr>
<tr>
<td>Verdin, Auriparus flaviceps</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Violet-Ear, Green,</td>
<td>Oreoniscus monticola</td>
</tr>
<tr>
<td>Colibri thalassinus</td>
<td>Bombycilla cedrorus</td>
</tr>
<tr>
<td>Vireo</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Bell’s Vireo belii</td>
<td>Dendroica virens</td>
</tr>
<tr>
<td>Black-capped, Vireo</td>
<td>Dendroica virens</td>
</tr>
<tr>
<td>atricapillus</td>
<td>Dendroica virens</td>
</tr>
<tr>
<td>Black-whiskered, Vireo</td>
<td>Phaethon rubricauda</td>
</tr>
<tr>
<td>olivaceus</td>
<td>Phaethon rubricauda</td>
</tr>
<tr>
<td>Solitary, Vireo solitarius</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Warbling, Vireo gilvus</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>White-eyed, Vireo griseus</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Yellow-throated, Vireo</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>flavifrons</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Yellow-throated, Vireo</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>priniaea</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Warbler</td>
<td>Picidae tridactylus</td>
</tr>
<tr>
<td>Adelaide’s, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>adelaideae</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Arctic, Phylloscopus</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>borealis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Bachman’s Vermivora</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>bachmanii</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Bay-breasted, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>castanea</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Black-and-white, Mniotilta</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>varia</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Black-throated Blue, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>caerulescens</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Black-throated Gray, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>nigrescens</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Black-throated Green, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>virens</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Blackburnian, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>fusca</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Blackpoll, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>striata</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Blue-winged, Verminora</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>pinus</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Canada, Wilsonia canadensis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Cape May, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>tigrina</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Cerulean, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>cerulea</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Chestnut-sided, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>pensylvanica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Colima, Vermivora cerasi</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>criulalis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Connecticut, Oporornis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>agilis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Elfin Woods, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>angulata</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Golden-cheeked, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>chrysoparia</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Golden-crowned, Basileuterus</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>culicivorus</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Golden-winged, Vermivora</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>chrysoptera</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Grace’s, Dendroica graciel</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Grasshopper (see Grasshopper-Warbler)</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Hermit, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>occidentalis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Hooded, Wilsonia citrina</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Kentucky, Oporornis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>formosus</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Kirtland’s, Dendroica</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>kirtlandii</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Lucy’s, Vermivora luciae</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>MacGillivray’s, Oporornis</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>tolmiei</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Magnolia, Dendroica magnolia</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Magnolia, Dendroica magnolia</td>
<td>Melanerpes formicivorus</td>
</tr>
<tr>
<td>Mourning, Oporornis philadelphia</td>
<td>Melanerpes formicivorus</td>
</tr>
</tbody>
</table>
Winter, Tringa melanoleuca
Lesser, Tringa flavipes
Yellowthroat:
Common, Geothlypis trichas
Gray-crowned, Geothlypis poliocephala

II. TAXONOMIC LISTING

ORDER GAVIIFORMES
FAMILY GAVIIDAE
Gavia stellata, Red-throated Loon
Gavia arctica, Arctic Loon
Gavia immer, Common Loon
Gavia adamsii, Yellow-billed Loon

ORDER PODICIPEDIFORMES
FAMILY PODICIPEDIDAE
Tachybaptus dominicus, Least Grebe
Podilymbus podiceps, Pied-billed Grebe
Podiceps auritus, Horned Grebe
Podiceps grisegena, Red-necked Grebe
Podiceps nigricollis, Eared Grebe
Aechmophorus occidentalis, Western Grebe

ORDER PROCELLARIIFORMES
FAMILY DIOMEDEIDAE
Diomedea albatrus, Short-tailed Albatross
Diomedea nigripes, Black-footed Albatross
Diomedea immutabilis, Laysan Albatross
Diomedea chlororhynchos, Yellow-nosed Albatross

FAMILY PROCELLARIIDAE
Fulmarus glacialis, Northern Fulmar
Pterodroma havei, Black-footed Albatross
Pterodroma phaeopygia, Dark-rumped Petrel
Pterodroma neglecta, Kermadec Petrel
Pterodroma arminjoniana, Herald Petrel
Pterodroma cookii, Cook’s Petrel
Pterodroma hypoleuca, Bonin Petrel

ORDER PELECANIFORMES
FAMILY PHAETHONTIDAE
Phaethon lepturus, White-tailed Tropicbird
Phaethon aethereus, Red-billed Tropicbird
Phaethon rubricauda, Red-tailed Tropicbird

FAMILY SULIDAE
Sula dactylatra, Masked Booby
Sula nebouxii, Blue-footed Booby
Sula leucogaster, Brown Booby
Sula sula, Red-footed Booby
Sula bassanus, Northern Gannet

FAMILY PELECANIDAE
Pelecanus erythrorhynchos, American White Pelican
Pelecanus occidentalis, Brown Pelican

FAMILY PHALACROCORACIDAE
Phalacrocorax carbo, Great Cormorant
Phalacrocorax auritus, Horned Grebe
Phalacrocorax pelagicus, Pelagic Cormorant
Phalacrocorax urile, Red-faced Cormorant

FAMILY ANHINGIDAE
Anhinga anhinga, Anhinga

FAMILY FREGATIDAE
Fregata magnificens, Magnificent Frigatebird
Fregata minor, Lesser Frigatebird

ORDER CICONIIFORMES
FAMILY ARDEIDAE
Botaurus lentiginosus, American Bittern
Ixobrychus exilis, Least Bittern
Ixobrychus sinensis, Chinese Bittern
Ixobrychus erythrorhynchos, Schrenk’s Bittern
Ardea herodias, Great Blue Heron
Casmerodius albus, Great Egret

Egretta rufescens, Reddish Egret
§ 10.13

Bubulcus ibis, Cattle Egret
Butorides striatus, Green-backed Heron
Nycticorax nycticorax, Black-crowned Night-Heron
Nycticorax melanoleucus, Malay Night-Heron
Nycticorax goisagi, Japanese Night-Heron
Nycticorax violaceus, Yellow-crowned Night-Heron
FAMILY THRESKIORNITHIDAE
Eudocimus albus, White Ibis
Eudocimus ruber, Scarlet Ibis
Plegadis falcinellus, Glossy Ibis
Plegadis chihi, White-faced Ibis
Ajaia ajaja, Roseate Spoonbill
FAMILY CICONIIDAE
Jabiru mycteria, Jabiru
Mycteria americana, Wood Stork
ORDER ANSERIFORMES
FAMILY ANATIDAE
Dendrocygna bicolor, Fulvous Whistling-Duck
Dendrocygna autumnalis, Black-bellied Whistling-Duck
Dendrocygna arborea, West Indian Whistling-Duck
Cygnus columbianus, Tundra Swan
Cygnus cygnus, Whooper Swan
Cygnus buccinator, Trumpeter Swan
Anser fabalis, Bean Goose
Anser albifrons, Greater White-fronted Goose
Chen caerulescens, Snow Goose
Chen rossii, Ross' Goose
Chen canagica, Emperor Goose
Branta bernicla, Brant
Branta leucopsis, Barnacle Goose
Branta canadensis, Canada Goose
Nesochen sandvicensis, Hawaiian Goose
Aix sponsa, Wood Duck
Anas crecca, Green-winged Teal
Anas formosa, Baikal Teal
Anas falcata, Falcated Teal
Anas rubripes, American Black Duck
Anas fulvigula, Mottled Duck
Anas platyrhynchos, Mallard
Anas wyvilliana, Hawaiian Duck
Anas laysanensis, Laysan Duck
Anas bahamensis, White-cheeked Pintail
Anas acuta, Northern Pintail
Anas querquedula, Garganey
Anas discors, Blue-winged Teal
Anas cyanoptera, Cinnamon Teal
Anas clypeata, Northern Shoveler
Anas strepera, Gadwall
Anas penelope, Eurasian Wigeon
Anas americana, American Wigeon
Aythya ferina, Common Pochard
Aythya valisineria, Canvasback
Aythya americana, Redhead
Aythya baeri, Baer's Pochard
Aythya collaris, Ring-necked Duck
Aythya fuligula, Tufted Duck
Aythya marila, Greater Scaup
Aythya affinis, Lesser Scaup
Somateria mollissima, Common Eider
Somateria spectabilis, King Eider
Somateria fischeri, Spectacled Eider
Polysticta Stanley, Steller's Eider
Histrionicus histrionicus, Harlequin Duck
Clangula hyemalis, Oldsquaw
Melanitta nigra, Black Scoter
Melanitta perspicillata, Surf Scoter
Melanitta fusca, White-winged Scoter
Bucephala clangula, Common Goldeneye
Bucephala islandica, Barrow's Goldeneye
Bucephala albeola, Bufflehead
Mergus albellus, Smew
Lophodytes cucullatus, Hooded Merganser
Mergus merganser, Common Merganser
Mergus serrator, Red-breasted Merganser
Oxyura jamaicensis, Ruddy Duck
Oxyura dominica, Masked Duck
ORDER FALCONIFORMES
FAMILY CATHARTIDAE
Coragyps atratus, Black Vulture
Cathartes aura, Turkey Vulture
Gymnogyps californianus, California Condor
FAMILY ACCIPITRIDAE
Pandion haliaetus, Osprey
Chondrohierax uncinatus, Hook-billed Kite
Elanus forficatus, American Swallow-tailed Kite
Elanus caeruleus, Black-shouldered Kite
Rostrhamus sociabilis, Snail Kite
Ictinia mississippiensis, Mississippi Kite
Milvus migrans, Black Kite
Haliaeetus leucocephalus, Bald Eagle
Haliaeetus albicilla, White-tailed Eagle
Haliaeetus pelagicus, Steller's Sea-Eagle
Circus cyaneus, Northern Harrier
Accipiter gularis, Aplomado Kite
Accipiter striatus, Sharp-shinned Hawk
Accipiter cooperii, Cooper's Hawk
Accipiter gentilis, Northern Goshawk
Buteogallus anthracinus, Common Black-Hawk
Parabuteo unicinctus, Harris' Hawk
Buteo nitidus, Gray Hawk
Buteo lineatus, Red-shouldered Hawk
Buteo platypterus, Broad-winged Hawk
Buteo brachyrus, Short-tailed Hawk
Buteo swainsoni, Swainson's Hawk
Buteo albicardus, White-tailed Hawk
Buteo albonotatus, Zone-tailed Hawk
Buteo solitarius, Hawaiian Hawk
Buteo jamaicensis, Red-tailed Hawk
Buteo regalis, Ferruginous Hawk
Buteo lagopus, Rough-legged Hawk
Aquila chrysaetos, Golden Eagle
FAMILY FALCONIDAE
Polyborus plancus, Crested Caracara
Falco tinnunculus, Eurasian Kestrel
Falco sparverius, American Kestrel
Falco columbarius, Merlin
Falco femoralis, Aplomado Falcon
U.S. Fish and Wildlife Serv., Interior

§ 10.13

ORDER CHARADRIIFORMES

FAMILY CHARADRIIDAE

Vaneullus vaneullus, Northern Lapwing
Pluvialis squatarola, Black-bellied Plover
Pluvialis dominica, Lesser Golden-Plover
Charadrius mongolus, Mongolian Plover
Charadrius leschenaultii, Great Sand Plover
Charadrius alexandrinus, Snowy Plover
Charadrius wilsonia, Wilson’s Plover
Charadrius hiaticula, Common Ringed Plover
Charadrius semipalmatus, Semipalmated Plover
Charadrius melodus, Piping Plover
Charadrius dubius, Little Ringed Plover
Charadrius vociferus, Killdeer
Charadrius montanus, Mountain Plover
Charadrius morinellus, Eurasian Dotterel

FAMILY HETEROSCELIDAE

Heteroscelus brevipes
Heteroscelus incanus

Tringa solitaria
Tringa glareola
Tringa erythropus
Tringa stagnatilis
Tringa flavipes
Tringa melanoleuca

Falco peregrinus, Peregrine Falcon
Falco rusticolus, Gyrfalcon
Falco mexicanus, Prairie Falcon

ORDER GRUIFORMES

Grus americana, Whooping Crane
Grus grus, Sandhill Crane
Grus canadensis, Common Crane

ORDER CHARADRIIFORMES

Calidris pusilla, Semipalmated Sandpiper
Calidris alpina, Eastern Sandpiper
Calidris minutilla, Western Sandpiper
Calidris maxima, Baird’s Sandpiper
Calidris minuta, Least Sandpiper
Calidris fuligula, Stilt Sandpiper
Calidris falcinellus, Spoon-billed Sandpiper
Calidris ferruginea, Red Phalarope
Calidris alba, Sanderling
Calidris ptilocnemis, Sharp-tailed Sandpiper
Calidris alba, Red Knot
Calidris nebulosa, Spotted Redshank
Calidris ruficollis, Ruddy Turnstone
Calidris pusilla, Semipalmated Sandpiper
Calidris varius, Western Sandpiper
Calidris tenuirostris, Little Stint
Calidris pusilla, Wilson’s Phalarope
Calidris calidris, Red-necked Phalarope

FAMILY RALLIDAE

Rallus longirostris, Clapper Rail
Rallus elegans, King Rail
Rallus limicola, Virginia Rail
Porzana carolina, Sora
Porzana flavigaster, Yellow-breasted Crake
Porzana apricaria, Common Moorhen

Himantopus mexicanus
Grus canadensis, Sandhill Crane

ORDER GRUFORMES

Grus grus, Common Crane
Grus canadensis, Sandhill Crane

ORDER CHARADRIIFORMES

Calidris pusilla, Semipalmated Sandpiper
Calidris alpina, Eastern Sandpiper
Calidris minutilla, Western Sandpiper
Calidris maxima, Baird’s Sandpiper
Calidris minuta, Least Sandpiper
Calidris fuligula, Stilt Sandpiper
Calidris ferruginea, Red Phalarope
Calidris alba, Sanderling
Calidris ptilocnemis, Sharp-tailed Sandpiper
Calidris alba, Red Knot
Calidris nebulosa, Spotted Redshank
Calidris ruficollis, Ruddy Turnstone
Calidris pusilla, Semipalmated Sandpiper
Calidris varius, Western Sandpiper
Calidris tenuirostris, Little Stint
Calidris pusilla, Wilson’s Phalarope
Calidris calidris, Red-necked Phalarope

FAMILY CHARADRIIDAE

Vaneullus vaneullus, Northern Lapwing
Pluvialis squatarola, Black-bellied Plover
Pluvialis dominica, Lesser Golden-Plover
Charadrius mongolus, Mongolian Plover
Charadrius leschenaultii, Great Sand Plover
Charadrius alexandrinus, Snowy Plover
Charadrius wilsonia, Wilson’s Plover
Charadrius hiaticula, Common Ringed Plover
Charadrius semipalmatus, Semipalmated Plover
Charadrius melodus, Piping Plover
Charadrius dubius, Little Ringed Plover
Charadrius vociferus, Killdeer
Charadrius montanus, Mountain Plover
Charadrius morinellus, Eurasian Dotterel

FAMILY HETEROSCELIDAE

Heteroscelus brevipes
Heteroscelus incanus

Tringa solitaria
Tringa glareola
Tringa erythropus
Tringa stagnatilis
Tringa flavipes
Tringa melanoleuca

Falco peregrinus, Peregrine Falcon
Falco rusticolus, Gyrfalcon
Falco mexicanus, Prairie Falcon
§ 10.13

ORDER CAPRIMULGIFORMES
Aegolius acadicus, Aegolius funereus, Asio flammeus, Asio otus, Strix nebulosa, Strix varia, Strix occidentalis, Athene cunicularia, Micrathene whitneyi, Glaucidium brasilianum, Surnia ulula, Nyctea scandiaca, Bubo virginianus, Otus nudipes, Crotophaga sulcirostris, Crotophaga ani, Saurothera vieilloti, Geococcyx californianus, Coccyzus minor, Crotophaga ani, Crotophaga americana, Chlidonias niger, Black Tern

ORDER STRIGIFORMES
Aethia pygmaea, Whiskered Auklet Aethia cristatella, Crested Auklet Cerorhinca monclera, Rhinoceros Auklet Fratercula cirrhata, Tufted Puffin Fratercula arctica, Atlantic Puffin Fratercula corniculata, Horned Puffin

ORDER COLUMBIFORMES

ORDER CUCULIFORMES
Cuculus canorus, Common Cuckoo Cuculus fugax, Hodgson’s Hawk-Cuckoo Coccyzus erythropthalmus, Black-billed Cuckoo Coccyzus americanus, Yellow-billed Cuckoo Coccyzus minor, Mangrove Cuckoo Geococcyx californianus, Greater Roadrunner Saurothera vieilloti, Puerto Rican Lizard-Cuckoo Crotophaga ani, Smooth-billed Ani Crotophaga sulcirostris, Groove-billed Ani

ORDER STRIGIFORMES
Columba inornata, Common Black-headed Gull Catharacta melanoptera, Least Auklet Aethia cristatella, Crested Auklet C. pygmaea, Whiskered Auklet C. cirrhata, Tufted Puffin
<table>
<thead>
<tr>
<th>FAMILY CAPRIMULGIDAE</th>
<th>Trogcus elegans, Elegant Trogon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chordeiles acutipennis, Lesser Nighthawk</td>
<td>Euphtilotus neoxenus, Eared Trogon</td>
</tr>
<tr>
<td>Chordeiles minor, Common Nighthawk</td>
<td>ORDER CORACIIFORMES</td>
</tr>
<tr>
<td>Chordeiles gundlachii, Antillean Nighthawk</td>
<td>FAMILY UPURIDAE</td>
</tr>
<tr>
<td>Nyctidromus albicollis, Common Pauraque</td>
<td>Upupa epops, Hoopoe</td>
</tr>
<tr>
<td>Phalaenoptilus nuttallii, Common Poorwill</td>
<td>FAMILY ALCEDINIDAE</td>
</tr>
<tr>
<td>Caprimulgus carolinensis, Chuck-will’s Widow</td>
<td>Ceryle torquata, Ringed Kingfisher</td>
</tr>
<tr>
<td>Caprimulgus ridgwayi, Buff-collared Nightjar</td>
<td>Ceryle alcyon, Belted Kingfisher</td>
</tr>
<tr>
<td>Caprimulgus vociferus, Whip-poor-will</td>
<td>Chloroceryle americana, Green Kingfisher</td>
</tr>
<tr>
<td>Caprimulgus noctictherus, Puerto Rican Nightjar</td>
<td>ORDER ALDIIFORMES</td>
</tr>
<tr>
<td>Caprimulgus indicus, Jungle Nightjar</td>
<td>FAMILY PICIDAE</td>
</tr>
<tr>
<td>ORDER APODIDAE</td>
<td>Jynx torquilla, Eurasian Wryneck</td>
</tr>
<tr>
<td>Cypseloides niger, Black Swift</td>
<td>Melanerpes lewis, Lewis’ Woodpecker</td>
</tr>
<tr>
<td>Streptoprocne zonaris, White-collared Swift</td>
<td>Melanerpes erythrocephalus, Red-headed Woodpecker</td>
</tr>
<tr>
<td>Chaetura pelagica, Chimney Swift</td>
<td>Melanerpes formicivorus, Acorn Woodpecker</td>
</tr>
<tr>
<td>Chaetura vauxi, Vaux’s Swift</td>
<td>Melanerpes uropygialis, Gila Woodpecker</td>
</tr>
<tr>
<td>Hirundapus caudacutus, White-throated Needletail</td>
<td>Melanerpes aurifrons, Golden-fronted Woodpecker</td>
</tr>
<tr>
<td>Apus apus, Common Swift</td>
<td>Melanerpes carolinus, Red-bellied Woodpecker</td>
</tr>
<tr>
<td>Apus pacificus, Fork-tailed Swift</td>
<td>Melanerpes portoricensis, Puerto Rican Woodpecker</td>
</tr>
<tr>
<td>Aploniae saxatalis, White-throated Swift</td>
<td>Sphyrapicus varius, Yellow-bellied Sapsucker</td>
</tr>
<tr>
<td>Tachornis phoenicobia, Antillean Palm Swift</td>
<td>Sphyrapicus ruber, Red-breasted Sapsucker</td>
</tr>
<tr>
<td>FAMILY TROCHILIDAE</td>
<td>Sphyrapicus thyroideus, Williamson’s Sapsucker</td>
</tr>
<tr>
<td>Colibri thalassinus, Green Violet-ear</td>
<td>ORDER PASSERIFORMES</td>
</tr>
<tr>
<td>Anthracothorax dominicus, Antillean Mango</td>
<td>FAMILY TYRANNIDAE</td>
</tr>
<tr>
<td>Anthracothorax viridis, Green Mango</td>
<td>Elaenias martinica, Caribbean Elaenias</td>
</tr>
<tr>
<td>Euclamps holarcticus, Green-throated Carib</td>
<td>Camptostoma imberbe, Northern Beardless-Tyrannulet</td>
</tr>
<tr>
<td>Orthorhynchus cristatus, Antillean Crested Hummingbird</td>
<td>Contopus pertinax, Greater Pewee</td>
</tr>
<tr>
<td>Chlorostilbon maugaeus, Puerto Rican Emerald</td>
<td>Contopus sordidulus, Western Wood-Pewee</td>
</tr>
<tr>
<td>Cynanthus latirostris, Broad-billed Hummingbird</td>
<td>Contopus virens, Eastern Wood-Pewee</td>
</tr>
<tr>
<td>Amazilia beryllina, Berylline Hummingbird</td>
<td>Contopus latirostris, Lesser Antillean Pewee</td>
</tr>
<tr>
<td>Amazilia yucatanensis, Buff-bellied Hummingbird</td>
<td>Empidonax flaviventris, Yellow-bellied Flycatcher</td>
</tr>
<tr>
<td>Amazilia violiceps, Violet-crowned Hummingbird</td>
<td>Empidonax minimus, Least Flycatcher</td>
</tr>
<tr>
<td>Lampornis clemenciae, Blue-throated Hummingbird</td>
<td>Empidonax alnorum, Alder Flycatcher</td>
</tr>
<tr>
<td>Eugenes fulgens, Magnificent Hummingbird</td>
<td>Empidonax traillii, Willow Flycatcher</td>
</tr>
<tr>
<td>Helmiostrum constanti, Plain-capped Starthroat</td>
<td>Empidonax hammondii, Hammond’s Flycatcher</td>
</tr>
<tr>
<td>Calliphlox elyzae, Bahama Woodstar</td>
<td>Empidonax oberholseri, Dusky Flycatcher</td>
</tr>
<tr>
<td>Calothorax lucifer, Lucifer Hummingbird</td>
<td>Empidonax wrightii, Gray Flycatcher</td>
</tr>
</tbody>
</table>
## FAMILY CORVIDAE

- Empidonax difficilis, Western Flycatcher
- Empidonax fulvifrons, Buff-breasted Flycatcher
- Sayornis nigricans, Black Phoebe
- Sayornis phoebe, Eastern Phoebe
- Sayornis saya, Say’s Phoebe
- Pyrocephalus rubinus, Vermilion Flycatcher
- Myiarchus tuberculifer, Dusky-capped Flycatcher
- Myiarchus cinerascens, Ash-throated Flycatcher
- Myiarchus ncuttingi, Nutting’s Flycatcher
- Myiarchus crinitus, Great Crested Flycatcher
- Myiarchus tyrannulus, Brown-crested Flycatcher
- Myiarchus antillarum, Puerto Rican Flycatcher
- Ptilogna sulphurata, Great Kiskadee
- Myiodytes luteiventris, Sulphur-bellied Flycatcher
- Tyrannus melancholicus, Tropical Kingbird
- Tyrannus couchii, Couch’s Kingbird
- Tyrannus vociferans, Cassin’s Kingbird
- Tyrannus gracilis, Thick-billed Kingbird
- Tyrannus verticalis, Western Kingbird
- Tyrannus tyrannus, Eastern Kingbird
- Tyrannus dominicensis, Gray Kingbird
- Tyrannus caudifasciatus, Loggerhead Kingbird
- Tyrannus forficatus, Scissor-tailed Flycatcher
- Tyrannus savana, Fork-tailed Flycatcher
- Pachyramphus aglaiae, Rose-throated Becard

### FAMILY ALAUDIDAE

- Alauda arvensis, Eurasian Skylark
- Eremophila alpestris, Horned Lark

### FAMILY HIRUNDINIDAE

- Riparia riparia, Bank Swallow
- Hirundo pyrrhonota, Cliff Swallow
- Hirundo fulva, Cave Swallow
- Hirundo rustica, Barn Swallow
- Delichon urbica, Common House-Martin

### FAMILY CERTHIDAE

- Muscicapa griseisticta, Grey-breasted Flycatcher
- Locustella ochotensis, Middendorff’s Grasshopper-Warbler
- Phylloscopus borealis, Arctic Warbler
- Phylloscopus trochilus, Willow Warbler
- Regulus satrapa, Golden-crowned Kinglet
- Regulus calendula, Ruby-crowned Kinglet
- Polioptila caerulea, Blue-gray Gnatcatcher
- Polioptila melanura, Black-billed Gnatcatcher
- Polioptila nigriceps, Black-capped Gnatcatcher

### FAMILY MUSCICAPIDAE

- Muscicapa sibirica, Siberian Tit
- Zonotrichia albicollis, Yellow-throated Vireo
- Zonotrichia querula, Black-throated Blue Warbler
- Zonotrichia atricapilla, Black-throated Green Warbler
- Zonotrichia palmarum, Black-capped Vireo
- Zonotrichia aurora, Red-eyed Vireo
- Zonotrichia accipitrina, Cassin’s Vireo

### FAMILY TROGLODYTIDAE

- Sitta canadiensis, Red-breasted Nuthatch
- Sitta carolinensis, White-breasted Nuthatch
- Sitta pusilla, Brown-headed Nuthatch

### FAMILY CINCLIDAE

- Campylorhynchus brunneicapillus, Cactus Wren
- Salpininctes obsoletus, Rock Wren
- Catherpes mexicanus, Canyon Wren
- Thrushus ludovicianus, Carolina Wren
- Thryomanes bewickii, Bewick’s Wren
- Trengonytides aestiva, House Wren
- Troganodytes troglodytes, Winter Wren
- Cistothorus platensis, Sedge Wren
- Cistothorus palustris, Marsh Wren

### FAMILY CINCLIDAE

- Cinclus mexicanus, American Dipper

### FAMILY TROGLODYTIDAE

- Campylorhynchus brunneicapillus, Cactus Wren
- Salpininctes obsoletus, Rock Wren
- Catherpes mexicanus, Canyon Wren
- Thrushus ludovicianus, Carolina Wren
- Thryomanes bewickii, Bewick’s Wren
- Trengonytides aestiva, House Wren
- Troganodytes troglodytes, Winter Wren
- Cistothorus platensis, Sedge Wren
- Cistothorus palustris, Marsh Wren

### FAMILY CINCLIDAE

- Cinclus mexicanus, American Dipper

### FAMILY MUSCICAPIDAE

- Muscicapa sibirica, Siberian Tit
- Zonotrichia albicollis, Yellow-throated Vireo
- Zonotrichia querula, Black-throated Blue Warbler
- Zonotrichia atricapilla, Black-throated Green Warbler
- Zonotrichia palmarum, Black-capped Vireo
- Zonotrichia aurora, Red-eyed Vireo
- Zonotrichia accipitrina, Cassin’s Vireo
U.S. Fish and Wildlife Serv., Interior

§ 10.13

Musicipa narcissina, Narcissus Flycatcher

SUBFAMILY TURDINAE

Luscinia calliope, Siberian Rubythroat
Luscinia svecia, Bluetthroat
Monticola solitarius, Blue Rock Thrush
Oenanthe oenanthe, Northern Wheatear
Sialis sialis, Eastern Bluebird
Sialis mexicana, Western Bluebird
Sialis currucoides, Mountain Bluebird
M yadestes townsendi, Townsend’s Solitaire
Phaenornis obscurus, Hawaiian Thrush
Phaenornis palmeri, Small Kauai Thrush
Catharus fuscescens, Veery
Catharus minimus, Gray-cheeked Thrush
Catharus ustulatus, Swainson’s Thrush
Catharus guttatus, Hermit Thrush
Hylocichla mustelina, Wood Thrush
Turdus plumbeus, Red-legged Thrush
Turdus obscurus, Eye-browed Thrush
Turdus naumanni, Dusky Thrush
Turdus pilaris, Fieldfare
Turdus grayi, Clay-colored Robin
Turdus rufipallilerus, Rufous-backed Robin
Turdus migratorius, American Robin
Ixoreus naevius, Varied Thrush
Ridgwayia pinicola, Aztec Thrush

FAMILY MIMIDAE

Dumetella carolinensis, Gray Catbird
Mimus polyglottos, Northern Mockingbird
Oreoscoptes montanus, Sage Thrasher
Toxostoma rufum, Brown Thrasher
Toxostoma longirostre, Long-billed Thrasher
Toxostoma bidenti, Bendire’s Thrasher
Toxostoma curvirostre, Curve-billed Thrasher
Toxostoma divivium, California Thrasher
Toxostoma crissalis, Crissal Thrasher
Toxostoma lecontei, Le Conte’s Thrasher
Margarops fuscatus, Pearly-eyed Thrasher

FAMILY PRUNELLIDAE

Prunella montanella, Siberian Accentor

FAMILY MOTACILLIDAE

Motacilla flava, Yellow Wagtail
Motacilla cinerea, Gray Wagtail
Motacilla alba, White Wagtail
Motacilla lugens, Black-backed Wagtail
Anthus hodgsoni, Olive Tree-Pipit
Anthus gustavi, Pechora Pipit
Anthus cervinus, Red-throated Pipit
Anthus spinolletta, Water Pipit
Anthus spraguei, Sprague’s Pipit

FAMILY BOMBYCILLIDAE

Bombycilla garrulus, Bohemian Waxwing
Bombycilla cedrorum, Cedar Waxwing

FAMILY PTILOGONATIDAE

Phainopepla nitens, Phainopepla

FAMILY LANIIDAE

Lanius excubitor, Northern Shrike
Lanius ludovicianus, Loggerhead Shrike

FAMILY STURNIDAE

Sturnus philippensis, Violet-backed Starling
Sturnus cineraceus, Ashy Starling

FAMILY VIREONIDAE

Vireo griseus, White-eyed Vireo
Vireo fatimeri, Puerto Rican Vireo
Vireo belli, Bells’ Vireo
Vireo atricapillus, Black-capped Vireo
Vireo vinicior, Gray Vireo
Vireo solitarius, Solitary Vireo
Vireo flavifrons, Yellow-throated Vireo
Vireo huttoni, Houston’s Vireo
Vireo gilvus, Warbling Vireo
Vireo philadelphicus, Philadelphia Vireo
Vireo olivaceus, Red-eyed Vireo
Vireo atilohuos, Black-whiskered Vireo

FAMILY EMBERIZIDAE

Seiurus motacilla, Chipping Sparrow
Seiurus noveboracensis, American Tree Sparrow
Seiurus aurocapillus, Bay-breasted Warbler
Limnothlypis swainsonii, Audubon’s Warbler
Helmitheros vermivorus, Vermivorous Warbler
Protonotaria citrea, Prothonotary Warbler
Mniotilta varia, Least Sandpiper
Dendroica petechia, Least Redstart
Dendroica rufiventris, Rufous-winged Warbler
Dendroica castanea, Chestnut-sided Warbler
Dendroica townsendi, Townsend’s Warbler
Dendroica nigrata, Black-capped Warbler
Dendroica pumila, Cassin’s Siskin
Dendroica fulva, Red Crossbill
Dendroica petechia, Least Redstart
Dendroica petechia, Least Redstart
Vermivora bachmanii, Bachman’s Warbler
Vermivora pinus, Blue-winged Warbler
Vermivora chrysoptera, Golden-winged Warbler
Vermivora peregrina, Tennessee Warbler
Vermivora celata, Orange-crowned Warbler
Vermivora ruficapilla, Nashville Warbler
Vermivora virginiae, Virginia’s Warbler
Vermivora crissalis, Colima Warbler
Vermivora luciae, Lucy’s Warbler
Parula americana, Northern Parula
Parula pubescens, Clay-colored Warbler
Dendroica petechia, Least Redstart
Dendroica pensylvanica, Chestnut-sided Warbler
Dendroica magnolia, Magnolia Warbler
Dendroica tigrina, Cape May Warbler
Dendroica caerulescens, Black-throated Blue Warbler
Dendroica coronata, Yellow-rumped Warbler
Dendroica nigrascens, Black-throated Gray Warbler
Dendroica townsendi, Townsend’s Warbler
Dendroica occidentalis, Hermit Warbler
Dendroica virens, Black-throated Green Warbler
Dendroica chrysoparia, Golden-cheeked Warbler
Dendroica fuscus, Blackburnian Warbler
Dendroica dominica, Yellow-throated Warbler
Dendroica gracieae, Grace’s Warbler
Dendroica adalaeidae, Adalae’s Warbler
Dendroica pinus, Pine Warbler
Dendroica kirtlandii, Kirtland’s Warbler
Dendroica discolor, Prairie Warbler
Dendroica palmarum, Palm Warbler
Dendroica castanea, Bay-breasted Warbler
Dendroica striata, Blackpoll Warbler
Dendroica cerulea, Cerulean Warbler
Dendroica angelae, Eifin Woods Warbler
Montifringilla varia, Black-and-white Warbler
Setophaga ruticilla, American Redstart
Protonotaria citrea, Prothonotary Warbler
Helmitheros vermivorus, Vermivorous Warbler
Limothlypis swainsonii, Swainson’s Warbler
Seiurus aurocapillus, Ovenbird
Seiurus noveboracensis, Northern Waterthrush
Seiurus motacilla, Louisiana Waterthrush

25
SUBFAMILY CARDINALINAE

Spizella arborea, American Tree Sparrow
Spizella passerina, Chipping Sparrow
Spizella palida, Clay-colored Sparrow
Spizella breweri, Brewer's Sparrow
Spizella pusilla, Field Sparrow
Spizella atrorubens, Black-chinned Sparrow
Poecetes gramineus, Vesper Sparrow
Chondestes grammacus, Lark Sparrow
Amphispiza bilineata, Black-throated Sparrow
Amphispiza belli, Sage Sparrow
Amphispiza quinquenotata, Five-striped Sparrow
Calamospiza melancorys, Lark Bunting
Passerculus sandwichensis, Savannah Sparrow
Ammodramus bairdii, Baird's Sparrow
Ammodramus savannarum, Grasshopper Sparrow
Ammodramus henslowii, Henslow's Sparrow
Ammodramus lecontei, Le Conte's Sparrow
Ammodramus caudatus, Sharp-tailed Sparrow
Ammodramus maritimus, Seaside Sparrow
Passerella iliaca, Fox Sparrow
Melospiza melodia, Song Sparrow
Melospiza lincolnii, Lincoln's Sparrow
Melospiza georgiana, Swamp Sparrow
Zonotrichia albicollis, White-throated Sparrow
Zonotrichia atricapilla, Golden-crowned Sparrow
Zonotrichia leucophrys, Yellow-throated Sparrow
Zonotrichia querula, Harris' Sparrow
Junco hyemalis, Dark-eyed Junco
Junco phaeonotus, Yellow-eyed Junco
Emberiza rustica, Rustic Bunting
Emberiza pallasi, Pallas' Reed-Bunting
Emberiza schoeniclus, Common Reed-Bunting
Calcarius mcdonaldi, McCown's Longspur
Calcarius lapponicus, Lapland Longspur
Calcarius pictus, Smith's Longspur
Calcarius ornatus, Chestnut-collared Longspur
Plectrophenax nivalis, Snow Bunting
Plectrophenax hyperboreus, McKay's Bunting

SUBFAMILY ICTERINAE

Dolichonyx oryzivorus, Bobolink
Agelaius phoeniceus, Red-winged Blackbird
Agelaius tricolor, Tricolored Blackbird
Agelaius humeralis, Twiny-shouldered Blackbird
Agelaius xanthomelas, Yellow-shouldered Blackbird
Sturnella magna, Eastern Meadowlark
Sturnella neglecta, Western Meadowlark
Xanthocephalus xanthonopus, Yellow-headed Blackbird
Euphagus carolinus, Rusty Blackbird
Euphagus cyanocephalus, Brewer's Blackbird
Quiscalus mexicanus, Great-tailed Grackle
Quiscalus major, Boat-tailed Grackle
U.S. Fish and Wildlife Serv., Interior

§ 10.22 Law enforcement offices.

Service law enforcement offices and their areas of responsibility follow. Mail should be addressed: "Assistant Regional Director, Division of Law Enforcement, U.S. Fish and Wildlife Service, (appropriate address below)":

Areas of Responsibility and Office Addresses

California, Hawaii, Idaho, Nevada, Oregon, Washington, American Samoa, Guam, the Marshall Islands, Northern Mariana Islands, and the Trust Territory of the Pacific Islands (District 1):


Arizona, New Mexico, Oklahoma, and Texas (District 2):

P.O. Box 329, Albuquerque, NM 87103, Telephone: 505-766-2091

Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin (District 3):

P.O. Box 45—Federal Building, Ft. Snelling, Twin Cities, MN 55111, Telephone: 612-725-3530.

Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, and the Virgin Islands (District 4):

P.O. Box 4839, Atlanta, GA 30302, Telephone: 404-331-5872

Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia (District 5):

P.O. Box 129, New Town Branch, Boston, MA 02258, Telephone: 617-965-2296

Colorado, Kansas, Montana, Nebraska, North Dakota, South Dakota, Utah, and Wyoming (District 6):

P.O. Box 2546, Denver Federal Center, Denver, CO 80225, Telephone: 303-236-7540

Subpart C—Addresses

§ 10.21 Director.

(a) Mail forwarded to the Director for law enforcement purposes should be addressed: Chief, Division of Law Enforcement, U.S. Fish and Wildlife Service, P.O. Box 3247, Arlington, VA 22203-3247.

(b) Mail sent to the Director regarding permits for the Convention on International Trade in Endangered Species of Wild Fauna and Fauna (CITES), injurious wildlife, Wild Bird Conservation Act species, international movement of all ESA-listed endangered or threatened species, and scientific research on, exhibition of, or interstate commerce in nonnative ESA-listed endangered and threatened species should be addressed to: Director, U.S. Fish and Wildlife Service, (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203. Address mail for the following permits to the Regional Director. In the address include one of the following: for import/export licenses and exception to designated port permits (Attention: Import/export license); for native endangered and threatened species (Attention: Endangered/Threatened species permit); and for migratory birds and eagles (Attention: Migratory bird permit office). You can find addresses for regional offices at 50 CFR 2.2.


FAMILY FRINGILLIDAE

Subfamily FRINGILLINAE

Fringilla montifringilla, Brambling

Subfamily CARDUELINAE

Leucosticte arctoa, Rosy Finch
Pinicola enucleator, Pine Grosbeak
Cardopacus erythrinus, Common Rosefinch
Cardopacus purpureus, Purple Finch
Cardopacus cassini, Cassin's Finch
Cardopacus mexicanus, House Finch
Loxia curvirostra, Red Crossbill
Loxia leucoptera, White-winged Crossbill
Carduelis flammea, Common Redpoll
Carduelis hornemanni, Hoary Redpoll
Carduelis pinus, Pine Siskin
Carduelis psaltria, Lesser Goldfinch
Carduelis lawrence, Lawrence's Goldfinch
Carduelis tristis, American Goldfinch
Carduelis sinica, Oriental Greenfinch
Pyrrhula pyrrhula, Eurasian Bullfinch
Coccothraustes vespertinus, Evening Grosbeak
Coccothraustes coccothraustes, Hawfinch
§ 11.1 Purpose of regulations.

The regulations contained in this part provide uniform rules and procedures for the assessment of civil penalties in connection with violations of certain laws and regulations enforced by the Service.

§ 11.2 Scope of regulations.

The regulations contained in this part apply only to actions arising under the following laws and regulations issued thereunder:

- Lacey Act, 18 U.S.C. 43;
- Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq.;
- Bald Eagle Protection Act, 16 U.S.C. 668-668d;

§ 11.3 Filing of documents.

(a) Whenever a document or other paper is required to be filed under this part within a certain time, such document or paper will be considered filed as of the date of the postmark if mailed, or the date actually delivered to the office where filing is required. The time periods set forth in this part shall begin to run as of the day following the date of the document or other paper.

(b) If an oral or written application is made to the Director up to 10 calendar days after the expiration of a time period established in this part for the required filing of documents or other papers, the Director may permit a late filing within a fixed period where reasonable grounds are found for an inability or failure to file within the time period required. All such extensions shall be in writing. Except as provided in this subsection, no other requests for an extension of time may be granted.

Subpart B—Assessment Procedure

§ 11.11 Notice of violation.

(a) A notice of violation (hereinafter "notice"), shall be issued by the Director and served personally or by registered or certified mail, return receipt requested, upon the person believed to be subject to a civil penalty (the respondent). The notice shall contain: (1) A concise statement of the facts believed to show a violation, (2) a specific reference to the provisions of the statute or regulation allegedly violated, and (3) the amount of penalty proposed to be assessed. The notice may also

PART 11—CIVIL PROCEDURES

Subpart A—Introduction

§ 11.1 Purpose of regulations.

The regulations contained in this part provide uniform rules and procedures for the assessment of civil penalties in connection with violations of certain laws and regulations enforced by the Service.

§ 11.2 Scope of regulations.

The regulations contained in this part apply only to actions arising under the following laws and regulations issued thereunder:

- Lacey Act, 18 U.S.C. 43;
- Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq.;
- Bald Eagle Protection Act, 16 U.S.C. 668-668d;

§ 11.3 Filing of documents.

(a) Whenever a document or other paper is required to be filed under this part within a certain time, such document or paper will be considered filed as of the date of the postmark if mailed, or the date actually delivered to the office where filing is required. The time periods set forth in this part shall begin to run as of the day following the date of the document or other paper.

(b) If an oral or written application is made to the Director up to 10 calendar days after the expiration of a time period established in this part for the required filing of documents or other papers, the Director may permit a late filing within a fixed period where reasonable grounds are found for an inability or failure to file within the time period required. All such extensions shall be in writing. Except as provided in this subsection, no other requests for an extension of time may be granted.

Subpart B—Assessment Procedure

§ 11.11 Notice of violation.

(a) A notice of violation (hereinafter "notice"), shall be issued by the Director and served personally or by registered or certified mail, return receipt requested, upon the person believed to be subject to a civil penalty (the respondent). The notice shall contain: (1) A concise statement of the facts believed to show a violation, (2) a specific reference to the provisions of the statute or regulation allegedly violated, and (3) the amount of penalty proposed to be assessed. The notice may also
contain an initial proposal for compromise or settlement of the case. The notice shall also advise the respondent of his right to file a petition for relief pursuant to §11.12, or to await the Director's notice of assessment.

(b) The respondent shall have 45 days from the date of the notice of violation in which to respond. During this time he may:

1. Undertake informal discussions with the Director;
2. Accept the proposed penalty, or the compromise, if any, offered in the notice;
3. File a petition for relief; or
4. Take no action, and await the Director's decision, pursuant to §11.13.

(c) Acceptance of the proposed penalty or the compromise shall be deemed to be a waiver of the notice of assessment required by §11.14, and of the opportunity for a hearing. Any counter offer of settlement shall be deemed a rejection of the proposed offer of compromise.

§ 11.12 Petition for relief.

If the respondent so chooses he may ask that no penalty be assessed or that the amount be reduced, and he may admit or contest the legal sufficiency of the charge and the Director's allegations of facts, by filing a petition for relief (hereinafter "petition") with the Director at the address specified in the notice within 45 days of the date thereof. The petition shall be in writing and signed by the respondent. If the respondent is a corporation, the petition must be signed by an officer authorized to sign such documents. It must set forth in full the legal or other reasons for the relief.

§ 11.13 Decision by the Director.

Upon expiration of the period required or granted for filing of a petition for relief, the Director shall proceed to make an assessment of a civil penalty, taking into consideration information available to him and such showing as may have been made by the respondent, either pursuant to §11.11 or §11.12, or upon further request of the Director.

§ 11.14 Notice of assessment.

The Director shall notify the respondent by a written notice of assessment, by personal service or by registered or certified mail, return receipt requested, of his decision pursuant to §11.13. He shall set forth therein the facts and conclusions upon which he decided that the violation did occur and appropriateness of the penalty assessed.

§ 11.15 Request for a hearing.

Except where a right to request a hearing is deemed to have been waived as provided in §11.11, the respondent may, within 45 calendar days from the date of the notice of assessment referred to in §11.14, file a dated, written request for a hearing with the Hearings Division, Office of Hearings and Appeals, U.S. Department of the Interior, 4015 Wilson Boulevard, Arlington, Virginia 22203. The request must state the respondent's preference as to the place and date for a hearing. The request must enclose a copy of the notice of violation and notice of assessment. A copy of the request shall be served upon the Director personally or by registered or certified mail, return receipt requested, at the address specified in the notice.

§ 11.16 Final administrative decision.

(a) Where no request for a hearing is filed as provided in §11.15, the Director's assessment shall become effective and shall constitute the final administrative decision of the Secretary on the 45th calendar day from the date of the notice of assessment.

(b) If a request for a hearing is timely filed in accordance with §11.15, the date of the final administrative decision in the matter shall be as provided in subpart C of this part.

§ 11.17 Payment of final assessment.

When a final administrative decision becomes effective in accordance with this part 11, the respondent shall have 20 calendar days from the date of the final administrative decision within which to make full payment of the penalty assessed. Payment will be timely only if received in Office of the Director during normal business hours, on or
§ 11.21 Commencement of hearing procedures.

Proceedings under this subpart are commenced upon the timely filing with the Hearings Division of a request for a hearing, as provided in §11.15 of subpart B. Upon receipt of a request for a hearing, the Hearings Division will assign an administrative law judge to the case. Notice of assignment will be given promptly to the parties, and thereafter, all pleadings, papers, and other documents in the proceeding shall be filed directly with the administrative law judge, with copies served on the opposing party.

§ 11.22 Appearance and practice.

(a) Subject to the provisions of 43 CFR 1.3, the respondent may appear in person, by representative, or by counsel, and may participate fully in these proceedings.

(b) Department counsel designated by the Solicitor of the Department shall represent the Director in these proceedings. Upon notice to the Director of the assignment of an administrative law judge to the case, said counsel shall enter his appearance on behalf of the Director and shall file all petitions and correspondence exchanged by the Director and the respondent pursuant to subpart B of this part, which shall become part of the hearing record. Thereinafter, service upon the Director in these proceedings shall be made to his counsel.

§ 11.23 Hearings.

(a) The administrative law judge shall have all powers accorded by law and necessary to preside over the parties and the proceedings and to make decisions in accordance with 5 U.S.C. 554-557. Failure to appear at the time set for hearing shall be deemed a waiver of the right to a hearing and consent to the making of a decision on the record made at the hearing. Copies of the transcript may be inspected or copied.

(b) The transcript of testimony, the exhibits, and all papers, documents, and requests filed in the proceedings, shall constitute the record for decision. The judge will render a written decision upon the record, which shall set forth his findings of fact and conclusions of law, and the reasons and basis therefor, and an assessment of a penalty, if any.

§ 11.24 Final administrative action.

Unless a notice of request for an appeal is filed in accordance with §11.25 of this subpart C, the administrative law judge’s decision shall constitute the final administrative determination of the Secretary in the matter and shall become effective 30 calendar days from the date of the decision.

§ 11.25 Appeal.

(a) Either the respondent or the Director may seek an appeal from the decision of an administrative law judge rendered subsequent to January 1, 1974, by the filing of a “Notice of Request for Appeal” with the Director, Office of Hearings and Appeals, U.S. Department of the Interior, 4015 Wilson Boulevard, Arlington, Virginia 22203, within 30 calendar days of the date of the administrative law judge’s decision. Such notice shall be accompanied by proof of service on the administrative law judge and the opposing party.

(b) Upon receipt of such a request, the Director, Office of Hearings and Appeals, shall appoint an ad hoc appeals board to determine whether an appeal should be granted, and to hear and decide an appeal. To the extent they are not inconsistent herewith, the provisions of subpart G of the Department Hearings and Appeals Procedures in 43 CFR part 4 shall apply to appeal proceedings under this subpart. The determination of the board to grant or deny an appeal, as well as its decision on the merits of an appeal, shall be in writing and become effective as the final administrative determination of the Secretary in the proceeding on the date it is rendered, unless otherwise specified therein.
§ 11.26 Reporting service.

Copies of decisions in civil penalty proceedings instituted under statutes referred to in subpart A of this part and rendered subsequent to June 3, 1970, may be obtained by letter of request addressed to the Director, Office of Hearings and Appeals, U.S. Department of the Interior, 4015 Wilson Boulevard, Arlington, Virginia 22203. Fees for this service shall be as established by the Director of that Office.

PART 12—SEIZURE AND FORFEITURE PROCEDURES

Subpart A—General Provisions

Sec.

12.1 Purpose of regulations.
12.2 Scope of regulations.
12.3 Definitions.
12.4 Filing of documents.
12.5 Seizure by other agencies.
12.6 Bonded release.

Subpart B—Preliminary Requirements

12.11 Notification of seizure.
12.12 Appraisement.

Subpart C—Forfeiture Proceedings

12.21 Criminal prosecutions.
12.22 Civil actions to obtain forfeiture.
12.23 Administrative forfeiture proceedings.
12.24 Petition for remission of forfeiture.
12.25 Transfers in settlement of civil penalty claims.

Subpart D—Disposal of Forfeited or Abandoned Property

12.30 Purpose.
12.31 Accountability.
12.32 Effect of prior illegality.
12.33 Disposal.
12.34 Return to the wild.
12.35 Use by the Service or transfer to another government agency for official use.
12.36 Donation or loan.
12.37 Sale.
12.38 Destruction.
12.39 Information on property available for disposal.

Subpart E—Restoration of Proceeds and Recovery of Storage Costs

12.41 Petition for restoration of proceeds.
12.42 Recovery of certain storage costs.

Subpart F—Return of Property

12.51 Return procedure.


SOURCE: 45 FR 17864, Mar. 19, 1980, unless otherwise noted.
§ 12.3 Definitions.

(a) As used in this part:

(1) Attorney General means the Attorney General of the United States or an authorized representative;

(2) Disposal includes, but is not limited to, remission, return to the wild, use by the Service or transfer to another government agency for official use, donation or loan, sale, or destruction.

(3) Domestic value means the price at which the seized property or similar property is freely offered for sale at the time and place of appraisement, in the same quantity or quantities as seized, and in the ordinary course of trade. If there is no market for the seized property at the place of appraisement, such value in the principal market nearest to the place of appraisement shall be reported.

(4) Solicitor means the Solicitor of the Department of the Interior or an authorized representative.

(b) The definitions of paragraph (a) of this section are in addition to, and not in lieu of, those contained in §§ 1.1 through 1.8 and 10.12 of this title.

§ 12.4 Filing of documents.

(a) Whenever any document is required by this part to be filed or served within a certain period of time, such document will be considered filed or served as of the date of receipt by the party with or upon whom filing or service is required.

(b) If an oral or written application is made before the expiration of a time period established by this part, an extension of such period for a fixed number of days may be granted where there are reasonable grounds for the failure to file or serve the document within the period required. Any such extension shall be in writing. Except as provided in this paragraph, no other requests for an extension shall be granted.

§ 12.5 Seizure by other agencies.

Any authorized employee or officer of any other Federal agency who has seized any wildlife or other property under any of the laws listed in §12.2 will, if so requested, deliver such seizure to the appropriate Special Agent in Charge designated in §10.22 of this title, or to an authorized designee, who shall either hold such seized wildlife or other property or arrange for its proper handling and care.

§ 12.6 Bonded release.

(a) Subject to the conditions set forth in paragraphs (b) and (c) of this section, and to such additional conditions as may be appropriate, the Service, in its discretion, may accept an appearance bond or other security (including, but not limited to, payment of the value as determined under §12.12) in place of any property seized under the Endangered Species Act, 16 U.S.C. 1531 et seq.; Marine Mammal Protection Act, 16 U.S.C. 1361 et seq.; Lacey Act, 18 U.S.C. 43; Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq.; Airborne Hunting Act, 16 U.S.C. 742j–1; or Eagle Protection Act, 16 U.S.C. 668 et seq.

(b) Property may be released under this section only to the owner or consignee.

(c) Property may be released under this section only if possession thereof will not violate or frustrate the purpose or policy of any applicable law or regulation.

§ 12.11 Notification of seizure.

Except where the owner or consignee is personally notified or seizure is made pursuant to a search warrant, the Service shall, as soon as practicable following the seizure or other receipt of seized wildlife or other property, mail a notification of seizure by registered or certified mail, return receipt requested, to the owner or consignee, if known or easily ascertaining. Such notification shall describe the seized wildlife or other property, and shall
§ 12.12 Appraíement.


[47 FR 56860, Dec. 21, 1982]

Subpart C—Forfeiture Proceedings

§ 12.21 Criminal prosecutions.

If property is subject to criminal forfeiture, such forfeiture will be obtained in accordance with the Federal Rules of Criminal Procedure.

§ 12.22 Civil actions to obtain forfeiture.

The Solicitor may request the Attorney General to file a civil action to obtain forfeiture of any property subject to forfeiture under the Airborne Hunting Act, 16 U.S.C. 742j–1; Lacey Act, 18 U.S.C. 43–44; Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq.; Black Bass Act, 16 U.S.C. 851 et seq.; Marine Mammal Protection Act, 16 U.S.C. 1361 et seq.; Migratory Bird Treaty Act, 16 U.S.C. 703 et seq.; Migratory Bird Hunting Stamp Act, 16 U.S.C. 718 et seq.; Eagle Protection Act, 16 U.S.C. 668 et seq.; or Endangered Species Act, 16 U.S.C. 1531 et seq. Before any such action is filed against property subject to forfeiture under the Lacey Act, 18 U.S.C. 43, or against property, other than the cargo of a vessel or other conveyance employed in unlawful taking, subject to forfeiture under the Marine Mammal Protection Act, 16 U.S.C. 1361 et seq., a civil penalty must first be assessed in accordance with the statute and applicable regulations, and no such action may be filed more than 30 days after the conclusion of civil penalty assessment proceedings.

[47 FR 56860, Dec. 21, 1982]

§ 12.23 Administrative forfeiture proceedings.

(a) When authorized. Whenever any property subject to forfeiture under the Eagle Protection Act, 16 U.S.C. 668 et seq., or Airborne Hunting Act, 16 U.S.C. 742j–1, or any wildlife or plant subject to forfeiture under the Endangered Species Act, 16 U.S.C. 1531 et seq., or any fish, wildlife or plant subject to forfeiture under the Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq., is determined under § 12.12 to have a value that greater than $100,000, the Solicitor may obtain forfeiture of such property in accordance with this section.

(b) Procedure—(1) Notice of proposed forfeiture. As soon as practicable following seizure, the Solicitor shall issue a notice of proposed forfeiture.

(A) Publication. The notice shall be published once a week for at least three successive weeks in a newspaper of general circulation in the locality where the property was seized. If the value of the seized property as determined under § 12.12 does not exceed $1000, the notice may be published by posting, instead of newspaper publication, for at least three successive weeks in a conspicuous place accessible to the public at the Service’s enforcement office, the U.S. District Court or the U.S. Customhouse nearest the place of seizure. In cases of posting, the date of initial posting shall be indicated on the notice. In addition to newspaper publication or posting, a reasonable effort shall be made to serve the notice personally or by registered or certified mail, return receipt requested, on each person whose whereabouts and interest in the seized property are known or easily ascertainable.

(B) Contents. The notice shall be in substantially the same form as a complaint for forfeiture filed in United States District Court. The notice shall describe the property, including, in the case of motor vehicles, the license, registration, motor and serial numbers. The notice shall state the time and
soon as practicable after timely receipt of the property.

The claim and bond referred to in this paragraph shall not entitle the claimant or any other person to possession of the property.

(3) Transmittal to Attorney General. As soon as practicable after timely receipt by the proper office of a proper claim and bond in accordance with paragraph (b)(2) of this section, the Solicitor shall transmit such claim and bond to the Attorney General for institution of forfeiture proceedings in U.S. District Court.

(4) Motion for stay. Upon issuance of the notice of proposed forfeiture, any person claiming the seized property may file with the Solicitor’s regional or field office indicated in the notice a motion to stay administrative forfeiture proceedings. Any motion for stay must be filed within 30 days after the date of first publication or posting of the notice of the proposed forfeiture. Each motion must contain:

(i) The claimant’s verified statement showing that he or she holds absolute, free and clear of all liens, encumbrances, security interests, or other third-party interests, contingent or vested; and (ii) the claimant’s offer to pay in advance all reasonable costs anticipated to be incurred in the storage, care, and maintenance of the seized property for which administrative forfeiture is sought. Where a stay of administrative forfeiture proceedings would not injure or impair the rights of any third parties and where the claimant has agreed to pay in advance anticipated, reasonable storage costs associated with the granting of a stay, the Regional or Field Solicitor as appropriate may, in his discretion, grant the motion for stay and specify reasonable and prudent conditions therefor, including but not limited to the duration of the stay, a description of the factors which would automatically terminate the stay, and any requirement for a bond (including amount) to secure the payment of storage and other maintenance costs. If a motion for stay is denied, or if a stay is terminated for any reason, the claimant must file, if he or she has not already done so, a claim and bond in accordance with paragraph (b)(2) of this section not later than 30 days after receipt of the Solicitor’s Office denial or termination order. Failure to file the claim and bond within 30 days will result in summary forfeiture under paragraph (c) of this section.

The foregoing list is correct.

Attest: ____________________________

List or schedule containing a particular description of seized article, claim for which is covered by the within bond, to wit:

The claimant in the presence of the witnesses:

List or schedule in substantially the form provided by the Department.

There shall be endorsed on the bond a list or schedule in substantially the following form which shall be signed by the claimant and attested by the witnesses:

List or schedule containing a particular description of seized article, claim for which is covered by the within bond, to wit:

The foregoing list is correct.

Claimant ____________________________

Attest: ____________________________

50 CFR Ch. 1 (10-1-98 Edition)
§ 12.24 Petition for remission of forfeiture.

(a) Any person who has an interest in cargo, of a vessel or other conveyance employed in unlawful taking, subject to forfeiture under the Marine Mammal Protection Act, 16 U.S.C. 1361 et seq., or any person who has an interest in any property subject to forfeiture under the Endangered Species Act, 16 U.S.C. 1531 et seq.; Eagle Protection Act, 16 U.S.C. 668 et seq.; Airborne Hunting Act, 16 U.S.C. 742±1; or the Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq., or any person who has incurr or is alleged to have incurred a forfeiture of any such property, may file with the Solicitor or, when forfeiture proceedings have been brought in U.S. District Court, the Attorney General, a petition for remission of forfeiture.

(b) A petition filed with the Solicitor need not be in any particular form, but it must be received before disposition of the property and must contain the following:

(1) A description of the property;
(2) The time and place of seizure;
(3) Evidence of the petitioner's interest in the property, including contracts, bills of sale, invoices, security interests, certificates of title, and other satisfactory evidence; and
(4) A statement of all facts and circumstances relied upon by the petitioner to justify remission of the forfeiture.

(c) The petition shall be signed by the petitioner or the petitioner's attorney at law. If the petitioner is a corporation, the petition must be signed by an authorized officer, supervisory employee, or attorney at law, and the corporate seal shall be properly affixed to the signature.

(d) A false statement in the petition may subject the petitioner to prosecution under title 18, U.S. Code, section 1003.

(e) Upon receiving the petition, the Solicitor shall decide whether or not to grant relief. In making a decision, the Solicitor shall consider the information submitted by the petitioner, as well as any other information relating to the matter.

(f) If the Solicitor finds the existence of such mitigating circumstances as to justify remission or mitigation of the forfeiture or alleged forfeiture, the Solicitor may remit or mitigate the same upon such terms and conditions as may be reasonable and just or may order discontinuance of any proceeding under §12.23.

(g) If the Solicitor decides that relief should not be granted, the Solicitor shall notify the petitioner in writing, stating in the notification the reasons for denying relief. The petitioner may then file a supplemental petition, but no supplemental petition shall be considered unless it is received within 60 days from the date of the Solicitor's notification denying the original petition.

§ 12.25 Transfers in settlement of civil penalty claims.

In the discretion of the Solicitor, an owner of wildlife or plants who may be liable for civil penalty under the Endangered Species Act, 16 U.S.C. 1531 et seq.; Lacey Act, 18 U.S.C. 43; Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq.; Eagle Protection Act, 16 U.S.C. 668 et seq.; or Marine Mammal Protection Act, 16 U.S.C. 1361 et seq., may be given an opportunity to completely or partially settle the civil penalty claim by transferring to the United States all right, title, and interest in any wildlife or plants that are subject to forfeiture. Such transfer may be accomplished by the owner's execution and return of a U.S. Customs Form 4607 or a similar compromise transfer of property instrument provided by the Department.

[47 FR 56861, Dec. 21, 1982]

Subpart D—Disposal of Forfeited or Abandoned Property

Source: 47 FR 17525, Apr. 23, 1982, unless otherwise noted.

§ 12.30 Purpose.

Upon forfeiture or abandonment of any property to the United States under this part the Director shall dispose of such property under the provisions of this subpart D.

§ 12.31 Accountability.

All property forfeited or abandoned under this part must be accounted for in official records. These records must include the following information:

(a) A description of the item.

(b) The date and place of the item's seizure (if any) and forfeiture or abandonment.

(c) The investigative case file number with which the item was associated.

(d) The name of any person known to have or to have had an interest in the item.

(e) The date, place, and manner of the item's initial disposal.

(f) Name of the official responsible for the initial disposal.

(g) Domestic value of the property.

§ 12.32 Effect of prior illegality.

The effect of any prior illegality on a subsequent holder of any wildlife or plant disposed of or subject to disposal is terminated upon forfeiture or abandonment, but the prohibitions, restrictions, conditions, or requirements which apply to a particular species of wildlife or plant under the laws or regulations of the United States or any State, including any applicable conservation, health, quarantine, agricultural, or Customs laws or regulations remain in effect as to the conduct of such holder.

§ 12.33 Disposal.

(a) The Director shall dispose of any wildlife or plant forfeited or abandoned under the authority of this part, subject to the restrictions provided in this subpart, by one of the following means, unless the item is the subject of a petition for remission of forfeiture under §12.24 of this part, or disposed of by court order:

(1) Return to the wild;

(2) Use by the Service or transfer to another government agency for official use;

(3) Donation or loan;

(4) Sale; or

(5) Destruction.

In the exercise of the disposal authority, the Director ordinarily must dispose of any wildlife or plant in the order in which the disposal methods appear in this paragraph (a) of this section.

(b) The Director shall dispose of any other property forfeited or abandoned under the authority of this part (including vehicles, vessels, aircraft, cargo, guns, nets, traps, and other equipment), except wildlife or plants, in accordance with current Federal Property Management Regulations (41 CFR chapter 101) and Interior Property Management Regulations (41 CFR chapter 114), unless the item is the subject of a petition for remission of forfeiture under §12.24 of this part, or disposed of by court order.

(c) The Director shall dispose of property according to the following schedule, unless the property is the subject of a petition for remission of forfeiture under §12.24 of this part:

[47 FR 17525, Apr. 23, 1982, unless otherwise noted]
§ 12.34 Return to the wild.

(a) Any live member of a native species of wildlife which is capable of surviving may be released to the wild in suitable habitat within the historical range of the species in the United States with the permission of the landowner, unless release poses an imminent danger to public health or safety.

(b) Any live member of a native species of plant which is capable of surviving may be transplanted in suitable habitat on Federal or other protected lands within the historical range of the species in the United States with the permission of the landowner.

(c) Any live member of an exotic species of wildlife (including injurious wildlife) or plant may not be returned to the wild in the U.S., but may be returned to one of the following countries for return to suitable habitat in accordance with the provisions of §12.35 of this part if it is capable of surviving:

(1) The country of export (if known) after consultation with and at the expense of the country of export, or

(2) A country within the historic range of the species which is party to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (TIAS 8328) after consultation with and at the expense of such country.

§ 12.35 Use by the Service or transfer to another government agency for official use.

(a) Wildlife and plants may be used by the Service or transferred to another government agency (including foreign agencies) for official use including, but not limited to, one or more of the following purposes:

(1) Training government officials to perform their official duties;

(2) Identifying protected wildlife or plants, including forensic identification or research;

(3) Educating the public concerning the conservation of wildlife or plants;

(4) Conducting law enforcement operations in performance of official duties;

(5) Enhancing the propagation or survival of a species or other scientific purposes;

(6) Presenting as evidence in a legal proceeding involving the wildlife or plant; or

(7) Returning to the wild in accordance with §12.34 of this part.

(b) Each transfer and the terms of the transfer must be documented.

(c) The agency receiving the wildlife or plants may be required to bear all costs of care, storage, and transportation in connection with the transfer from the date of seizure to the date of delivery.

§ 12.36 Donation or loan.

(a) Except as otherwise provided in this section, wildlife and plants may be donated or loaned for scientific, educational, or public display purposes to any person who demonstrates the ability to provide adequate care and security for the item.

(b) Any donation or loan may be made only after execution of a transfer document between the Director and the donee/borrower, which is subject to the following conditions:

(1) The purpose for which the wildlife or plants are to be used must be stated on the transfer document;

(2) Any attempt by the donee/borrower to use the donation or loan for any other purpose except that stated on the transfer document entitles the Director to immediate repossession of the wildlife or plants;
§ 12.37

(3) The donee/borrower must pay all costs associated with the transfer, including the costs of care, storage, transportation, and return to the Service (if applicable);

(4) The donee/borrower may be required to account periodically for the donation or loan;

(5) The donee/borrower is not relieved from the prohibitions, restrictions, conditions, or requirements which may apply to a particular species of wildlife or plant imposed by the laws or regulations of the United States or any State, including any applicable health, quarantine, agricultural, or Customs laws or regulations.

(6) Any attempt by a donee to retransfer the donation during the time period specified in the transfer document within which the donee may not retransfer the donation without the prior authorization of the Director entitles the Director to immediate repossession of the wildlife or plants;

(7) Any attempt by a borrower to retransfer the loan without the prior authorization of the Director entitles the Director to immediate repossession of the wildlife or plants;

(8) Subject to applicable limitations of law, duly authorized Service officers at all reasonable times shall, upon notice, be afforded access to the place where the donation or loan is kept and an opportunity to inspect it;

(9) Any donation is subject to conditions specified in the transfer document, the violation of which causes the property to revert to the United States;

(10) Any loan is for an indefinite period of time unless a date on which the loan must be returned to the Service is stated on the transfer document; and

(11) Any loan remains the property of the United States, and the Director may demand its return at any time.

(c) Wildlife and plants may be donated to individual American Indians for the practice of traditional American Indian religions. Any donation of the parts of bald or golden eagles to American Indians may only be made to individuals authorized by permit issued in accordance with §22.22 of this title to possess such items.

(d) Edible wildlife, fit for human consumption, may be donated to a non-profit, tax-exempt charitable organization for use as food, but not for barter or sale.

(e) Wildlife and plants may be loaned to government agencies (including foreign agencies) for official use. Each transfer and the terms of the transfer must be documented.

§ 12.37 Sale.

(a) Wildlife and plants may be sold or offered for sale, except any species which at the time is to be sold or offered for sale falls into one of the following categories:

(1) Listed in §10.13 of this title as a migratory bird protected by the Migratory Bird Treaty Act (16 U.S.C. 703-712);

(2) Protected under the Eagle Protection Act (16 U.S.C. 668-668d);

(3) Listed in §23.33 of this title as “Appendix I” under the Convention on International Trade in Endangered Species of Wild Fauna and Flora;

(4) Listed in §17.11 of this title as “endangered” or “threatened” under the Endangered Species Act of 1973 (16 U.S.C. 1533), unless the item or species may be lawfully traded in interstate commerce; and

(5) Protected under the Marine Mammal Protection Act (16 U.S.C. 1361-1407), unless the item or species may be lawfully traded in interstate commerce.

(b) Wildlife and plants must be sold in accordance with current Federal Property Management Regulations (41 CFR chapter 101) and Interior Property Management Regulations (41 CFR chapter 114) or U.S. Customs laws and regulations, except the Director may sell any wildlife or plant immediately for its fair market value if the Director determines that it is liable to perish, deteriorate, decay, waste, or greatly decrease in value by keeping, or that the expense of keeping it is disproportionate to its value.

(c) Wildlife or plants which may not be possessed lawfully by purchasers under the laws of the State where held may be moved to a State where possession is lawful and may be sold.

(d) Wildlife or plants purchased at sale are subject to the prohibitions, restrictions, conditions, or requirements which apply to a particular species of wildlife or plant imposed by the laws or
§ 12.38 Destruction.
(a) Wildlife and plants not otherwise disposed of must be destroyed.
(b) When destroyed, the fact, manner, and date of destruction and the type and quantity destroyed must be certified by the official actually destroying the items.

§ 12.39 Information on property available for disposal.
Persons interested in obtaining information on property which is available for disposal should contact the appropriate Special Agent in Charge listed in § 10.22 of this title.

Subpart E—Restoration of Proceeds and Recovery of Storage Costs

§ 12.41 Petition for restoration of proceeds.
(a) Any person claiming any property or interest therein which has been forfeited under the Endangered Species Act, 16 U.S.C. 1531 et seq.; Eagle Protection Act, 16 U.S.C. 668 et seq.; Airborne Hunting Act, 16 U.S.C. 742j–1; or the Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq., and sold according to law, or any person claiming cargo or an interest therein, of a vessel or other conveyance employed in unlawful taking which has been forfeited under the Marine Mammal Protection Act, 16 U.S.C. 1361 et seq., and sold according to law, may file with the Solicitor or, where forfeiture proceedings have been brought in U.S. District Court, the Attorney General, a petition for restoration of proceeds.
(b) A petition filed with the Solicitor must be received within three months after the date of sale of the property and must contain the following:
1. A description of the property;
2. The time and place of seizure;
3. Evidence of the petitioner’s interest in the property, including contracts, bills of sale, invoices, security interests, certificates of title, and other satisfactory evidence;
4. A request for restoration of the proceeds or such part thereof as is claimed by the petitioner; and
5. A statement of all facts and circumstances relied upon by the petitioner to justify restoration of the proceeds, including proof that the petitioner did not know of the seizure before the declaration or order of forfeiture and was in such circumstances as prevented the petitioner from knowing of the same.
(c) The petition shall be signed by the petitioner or the petitioner’s attorney at law. If the petitioner is a corporation, the petition must be signed by an authorized officer, supervisory employee, or attorney at law, and the corporate seal shall be properly affixed to the signature.
(d) A false statement in the petition may subject the petitioner to prosecution under title 18, U.S. Code, section 1001.
(e) Upon receiving the petition, the Solicitor shall decide whether or not to grant relief. In making a decision, the Solicitor shall consider the information submitted by the petitioner, as well as any other available information relating to the matter.
(f) If the Solicitor finds the existence of such mitigating circumstances as to justify restoration of the proceeds or any part thereof and that the petitioner did not know of the seizure before the declaration or order of forfeiture and was in such circumstances as prevented the petitioner from knowing of the same, the Solicitor may order the proceeds or any part thereof restored to the petitioner, after deducting from such proceeds the costs of seizure, storage, forfeiture and disposition, the duties, if any, accruing on the seized property, and any sum due on a lien for freight, charges, or contribution in general average, notice of which has been filed with the Solicitor according to law.
§ 12.42 Recovery of certain storage costs.

If any wildlife, plant, or evidentiary item is seized and forfeited under the Endangered Species Act, 16 U.S.C. 1531 et seq., any person whose act or omission was the basis for the seizure may be charged a reasonable fee for expenses to the United States connected with the transfer, board, handling, or storage of such property. If any fish, wildlife or plant is seized in connection with a violation of the Lacey Act Amendments of 1981, 16 U.S.C. 3371 et seq., any person convicted thereof, or assessed a civil penalty therefor, may be assessed a reasonable fee for expenses of the United States connected with the storage, care and maintenance of such property. Within a reasonable time after forfeiture, the Service shall send to such person by registered or certified mail, return receipt requested, a bill for such fee. The bill shall contain an itemized statement of the applicable costs, together with instructions on the time and manner of payment. Payment shall be made in accordance with the bill. The recipient of any assessment of costs under this section who has an objection to the reasonableness of the costs described in the bill may, within 30 days of the date on which he received the bill, file written objections with the Regional Director of the Fish and Wildlife Service for the Region in which the seizure occurred. Upon receipt of the written objections, the appropriate Regional Director will promptly review them and within 30 days mail his final decision to the party who filed objections. In all cases, the Regional Director's decision shall constitute final administrative action on the matter.

[47 FR 56861, Dec. 21, 1982]

§ 12.51 Return procedure.

If, at the conclusion of the appropriate proceedings, seized property is to be returned to the owner or consignee, the Solicitor or Service shall issue a letter or other document authorizing its return. This letter or other document shall be delivered personally or sent by registered or certified mail, return receipt requested, and shall identify the owner or consignee, the seized property, and, if appropriate, the bailee of the seized property. It shall also provide that upon presentation of the letter or other document and proper identification, and the signing of a receipt provided by the Service, the seized property is authorized to be released, provided it is properly marked in accordance with applicable State or Federal requirements.

PART 13—GENERAL PERMIT PROCEDURES

Subpart A—Introduction

Sec.
13.1 General.
13.2 Purpose of regulations.
13.3 Scope of regulations.
13.4 Emergency variation from requirements.
13.5 Information collection requirements.

Subpart B—Application for Permits

13.11 Application procedures.
13.12 General information requirements on applications for permits.

Subpart C—Permit Administration

13.21 Issuance of permits.
13.22 Renewal of permits.
13.23 Amendment of permits.
13.24 Right of succession by certain persons.
13.25 Permits not transferable; agents.
13.26 Discontinuance of permit activity.
13.27 Permit suspension.
13.28 Permit revocation.
13.29 Review procedures.

Subpart D—Conditions

13.41 Humane conditions.
13.42 Permits are specific.
Subpart A—Introduction

§ 13.1 General.

Each person intending to engage in an activity for which a permit is required by this subchapter B shall, before commencing such activity, obtain a valid permit authorizing such activity. Each person who desires to obtain the permit privileges authorized by this subchapter must make application for such permit in accordance with the requirements of this part 13 and the other regulations in this subchapter which set forth the additional requirements for the specific permits desired. If the activity for which permission is sought is covered by the requirements of more than one part of this subchapter, the requirements of each part must be met. If the information required for each specific permitted activity is included, one application will be accepted for all permits required, and a single permit will be issued.

§ 13.2 Purpose of regulations.

The regulations contained in this part provide uniform rules, conditions, and procedures for the application for and the issuance, denial, suspension, revocation, and general administration of all permits issued pursuant to this subchapter B.

§ 13.3 Scope of regulations.

The provisions in this part are in addition to, and are not in lieu of, other permit regulations of this subchapter and apply to all permits issued thereunder, including “Import and Marking” (part 14), “Feather Imports” (part 15), “Injurious Wildlife” (part 16), “Endangered Wildlife and Plants” (part 17), “Marine Mammals” (part 18), “Migratory Birds” (part 21), “Eagles” (part 22) and “Endangered Species Convention” (part 23). As used in this part 13, the term “permit” shall refer to either a license, permit, or certificate as the context may require.

Source: 39 FR 1161, Jan. 4, 1974, unless otherwise noted.

§ 13.5 Information collection requirements.

(a) The Office of Management and Budget approved the information collection requirements contained in this part 13 under 44 U.S.C. and assigned OMB Control Number 1018-0092. The Service may not conduct or sponsor, and you are not required to respond, to a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in various Federal wildlife conservation statutes and regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit.

(b) We estimate the public reporting burden for these reporting requirements to vary from 15 minutes to 4 hours per response, with an average of 0.803 hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS-222, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork
§ 13.11 Application procedures.

The Service may not issue a permit for any activity authorized by this subchapter B unless the applicant has filed an application in accordance with the following procedures. Applicants do not have to submit a separate application for each permit unless otherwise required by this subchapter.

(a) Forms. Applications must be submitted in writing on a Federal Fish and Wildlife License/Permit Application (Form 3-200) or as otherwise specifically directed by the Service.

(b) Forwarding instructions. Applications for permits in the following categories should be forwarded to the issuing office indicated below.

1. Migratory bird banding permits (50 CFR 21.22)—Bird Banding Laboratory, Office of Migratory Bird Management, U.S. Fish and Wildlife Service, Laurel, Maryland 20708. (Special application forms must be used for bird banding permits. They may be obtained by writing to the Bird Banding Laboratory).

2. Exception to designated port (50 CFR part 14), import/export license (50 CFR 14.93), migratory bird permit, other than banding (50 CFR part 21) and Bald or Golden eagle permits (50 CFR part 22)—Assistant Regional Director for Law Enforcement of District in which the applicant resides (see 50 CFR 10.22 for addresses and boundaries of the Law Enforcement Districts).


(c) Time notice. The Service will process all applications as quickly as possible. However, it cannot guarantee final action within the time limits the applicant requests. Applicants for endangered species and marine mammal permits should submit applications to the Office of Management Authority which are postmarked at least 90 calendar days prior to the requested effective date. Applicants for all other permits should submit applications to the issuing office which are postmarked at least 60 days prior to the requested effective date.

(d) Fees. (1) Unless otherwise exempted by this paragraph, applicants for issuance or renewal of permits must pay the required permit processing fee at the time of application. Applicants should pay fees by check or money order made payable to “U.S. Fish and Wildlife Service.” The Service will not refund any application fee under any circumstances if the Service has processed the application. However, the Service may return the application fee if the applicant withdraws the application before the Service has significantly processed it.

(2) Except as provided in paragraph (d)(4) of this section the fee for processing any application is $25.00. If regulations in this subchapter require more than one type of permit for an activity, and the permits are issued by the same office, the issuing office may issue one consolidated permit authorizing the activity. The issuing office may charge only the highest single fee for the activity permitted.

(3) A fee shall not be charged to any Federal, State or local government agency, nor to any individual or institution under contract to such agency for the proposed activities. The fee may be waived or reduced for public institutions (see 50 CFR 10.12). Proof of such status must accompany the application.

(4) Nonstandard fees.

<table>
<thead>
<tr>
<th>Type of permit</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Import/Export License (Section 14.93)</td>
<td>$50.00</td>
</tr>
<tr>
<td>Marine Mammal (Section 18.31)</td>
<td>$100.00</td>
</tr>
<tr>
<td>Migratory Bird-Banding or Marking (21.22)</td>
<td>None.</td>
</tr>
<tr>
<td>Bald or Golden Eagles (Part 22)</td>
<td>None.</td>
</tr>
</tbody>
</table>

(e) Abandoned or incomplete applications. Upon receipt of an incomplete or improperly executed application, or if the applicant does not submit the proper fees, the issuing office will notify the applicant of the deficiency. If the
§ 13.12 General information requirements on applications for permits.

(a) General information required for all applications. All applications must contain the following information:

(1) Applicant's full name, mailing address, telephone number(s), and, if the applicant is an individual, the date of birth, height, weight, hair color, eye color, sex, and any business or institutional affiliation of the applicant related to the requested permitted activity; or

(ii) If the applicant is a corporation, firm, partnership, association, institution, or public or private agency, the name and address of the president or principal officer and of the registered agent for the service of process.

(2) Location where the requested permitted activity is to occur or be conducted;

(3) Reference to the part(s) and section(s) of this subchapter B as listed in paragraph (b) of this section under which the application is made for a permit or permits, together with any additional justification, including supporting documentation as required by the referenced part(s) and section(s);

(4) If the requested permitted activity involves the import or re-export of wildlife or plants from or to any foreign country, and the country of origin, or the country of export or re-export restricts the taking, possession, transportation, exportation, or sale of wildlife or plants, documentation as indicated in §14.52(c) of this subchapter B;

(5) Certification in the following language:

I hereby certify that I have read and am familiar with the regulations contained in title 50, part 12, of the Code of Federal Regulations and the other applicable parts in chapter B of chapter I of title 50, Code of Federal Regulations, and I further certify that the information submitted in this application for a permit is complete and accurate to the best of my knowledge and belief. I understand that any false statement herein may subject me to suspension or revocation of this permit and to the criminal penalties of 18 U.S.C. 1001.

(6) Desired effective date of permit except where issuance date is fixed by the part under which the permit is issued;

(7) Date;

(8) Signature of the applicant; and

(9) Such other information as the Director determines relevant to the processing of the application.

(b) Additional information required on permit applications. As stated in paragraph (a)(3) of this section certain additional information is required on all applications. These additional requirements may be found by referring to the section of this subchapter B cited after the type of permit for which application is being made:

<table>
<thead>
<tr>
<th>Type of permit</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Importation at nondesignated ports:</td>
<td></td>
</tr>
<tr>
<td>Scientific</td>
<td>14.31</td>
</tr>
<tr>
<td>Deterioration prevention</td>
<td>14.32</td>
</tr>
<tr>
<td>Economic hardship</td>
<td>14.33</td>
</tr>
<tr>
<td>Marking of package or container:</td>
<td></td>
</tr>
<tr>
<td>Symbol marking</td>
<td>14.83</td>
</tr>
<tr>
<td>Import/export license</td>
<td>14.93</td>
</tr>
<tr>
<td>Feather import quota: Importation or entry</td>
<td>15.21</td>
</tr>
<tr>
<td>Injurious wildlife: Importation or shipment</td>
<td>16.22</td>
</tr>
<tr>
<td>Endangered wildlife and plant permits:</td>
<td></td>
</tr>
<tr>
<td>Similarity of appearance</td>
<td>17.52</td>
</tr>
<tr>
<td>Scientific, enhancement of propagation or survival for plants</td>
<td>17.62</td>
</tr>
<tr>
<td>Economic hardship for wildlife</td>
<td>17.23</td>
</tr>
<tr>
<td>Economic hardship for plants</td>
<td>17.63</td>
</tr>
<tr>
<td>Threatened wildlife and plant permits:</td>
<td></td>
</tr>
<tr>
<td>Similarity of appearance</td>
<td>17.53</td>
</tr>
<tr>
<td>General for wildlife</td>
<td>17.32</td>
</tr>
<tr>
<td>American alligator-buyer or tanner</td>
<td>17.42(a)</td>
</tr>
<tr>
<td>General for plants</td>
<td>17.72</td>
</tr>
<tr>
<td>Marine mammals permits:</td>
<td></td>
</tr>
<tr>
<td>Scientific research</td>
<td>18.31</td>
</tr>
<tr>
<td>Public display</td>
<td>18.31</td>
</tr>
<tr>
<td>Migratory bird permits:</td>
<td></td>
</tr>
<tr>
<td>Banding or marking</td>
<td>21.22</td>
</tr>
<tr>
<td>Scientific collecting</td>
<td>21.23</td>
</tr>
<tr>
<td>Taxidermist</td>
<td>21.24</td>
</tr>
<tr>
<td>Waterfowl sale and disposal</td>
<td>21.25</td>
</tr>
<tr>
<td>Special aviculturist</td>
<td>21.26</td>
</tr>
<tr>
<td>Special purpose</td>
<td>21.27</td>
</tr>
<tr>
<td>Falconry</td>
<td>21.28</td>
</tr>
<tr>
<td>Raptor propagation permit</td>
<td>21.30</td>
</tr>
<tr>
<td>Depredation control</td>
<td>21.41</td>
</tr>
<tr>
<td>Eagle permits:</td>
<td></td>
</tr>
<tr>
<td>Scientific or exhibition</td>
<td>22.21</td>
</tr>
<tr>
<td>Indian religious use</td>
<td>22.22</td>
</tr>
<tr>
<td>Depredation control</td>
<td>22.23</td>
</tr>
<tr>
<td>Falconry purposes</td>
<td>22.24</td>
</tr>
</tbody>
</table>
§ 13.21

Issuance of permits.

(a) No permit may be issued prior to the receipt of a written application therefor, unless a written variation from the requirements, as authorized by §13.4, is inserted into the official file of the Bureau. An oral or written representation of an employee or agent of the United States Government, or an action of such employee or agent, shall not be construed as a permit unless it meets the requirements of a permit as defined in 50 CFR 10.12.

(b) Upon receipt of a properly executed application for a permit, the Director shall issue the appropriate permit unless:

(1) The applicant has been assessed a civil penalty or convicted of any criminal provision of any statute or regulation relating to the activity for which the application is filed, if such assessment or conviction evidences a lack of responsibility.

(2) The applicant has failed to disclose material information required, or has made false statements as to any material fact, in connection with his application;

(3) The applicant has failed to demonstrate a valid justification for the permit and a showing of responsibility;

(4) The authorization requested potentially threatens a wildlife or plant population, or

(5) The Director finds through further inquiry or investigation, or otherwise, that the applicant is not qualified.

(c) Disqualifying factors. Any one of the following will disqualify a person from receiving permits issued under this part.

1. A conviction, or entry of a plea of guilty or nolo contendere, for a felony violation of the Lacey Act, the Migratory Bird Treaty Act, or the Bald and Golden Eagle Protection Act disqualifies any such person from receiving or exercising the privileges of a permit, unless such disqualification has been expressly waived by the Director in response to a written petition.

2. The revocation of a permit for reasons found in §13.28 (a)(1) or (a)(2) disqualifies any such person from receiving or exercising the privileges of a similar permit for a period of five years from the date of the final agency decision on such revocation.

3. The failure to pay any required fees or assessed costs and penalties, whether or not reduced to judgement disqualifies such person from receiving or exercising the privileges of a permit as long as such moneys are owed to the United States. This requirement shall not apply to any civil penalty presently subject to administrative or judicial appeal; provided that the pendency of a collection action brought by the United States or its assignees shall not constitute an appeal within the meaning of this subsection.

4. The failure to submit timely, accurate, or valid reports as required may disqualify such person from receiving or exercising the privileges of a permit as long as the deficiency exists.

(d) Use of supplemental information. The issuing officer, in making a determination under this subsection, may use any information available that is relevant to the issue. This may include any prior conviction, or entry of a plea of guilty or nolo contendere, or assessment of civil or criminal penalty for a violation of any Federal or State law or regulation governing the permitted activity. It may also include any prior permit revocations or suspensions, or any reports of State or local officials. The issuing officer shall consider all relevant facts or information available, and may make independent inquiry or investigation to verify information or substantiate qualifications asserted by the applicant.

(e) Conditions of issuance and acceptance. (1) Any permit automatically incorporates within its terms the conditions and requirements of subpart D of
this part and of any part(s) or section(s) specifically authorizing or governing the activity for which the permit is issued.

(2) Any person accepting and holding a permit under this subchapter B acknowledges the necessity for close regulation and monitoring of the permitted activity by the Government. By accepting such permit, the permittee consents to and shall allow entry by agents or employees of the Service upon premises where the permitted activity is conducted at any reasonable hour. Service agents or employees may enter such premises to inspect the location; any books, records, or permits required to be kept by this subchapter B; and any wildlife or plants kept under authority of the permit.

(f) Term of permit. Unless otherwise modified, a permit is valid during the period specified on the face of the permit. Such period shall include the effective date and the date of expiration.

(g) Denial. The issuing officer may deny a permit to any applicant who fails to meet the issuance criteria set forth in §13.21 of this part, or in the part(s) or section(s) specifically governing the activity for which the permit is requested.

[54 FR 38148, Sept. 14, 1989]

§ 13.22 Renewal of permits.

(a) Application for renewal. Applicants for renewal of a permit must submit a written application at least 30 days prior to the expiration date of the permit. Applicants must certify in the form required by §13.12(a)(5) that all statements and information in the original application remain current and correct, unless previously changed or corrected. If such information is no longer current or correct, the applicant must provide corrected information.

(b) Renewal criteria. The Service shall issue a renewal of a permit if the applicant meets the criteria for issuance in §13.21(b) and is not disqualified under §13.21(c).

(c) Continuation of permitted activity. Any person holding a valid, renewable permit, who has complied with this section, may continue the activities authorized by the expired permit until the Service has acted on such person's application for renewal.

(d) Denial. The issuing officer may deny renewal of a permit to any applicant who fails to meet the issuance criteria set forth in §13.21 of this part, or in the part(s) or section(s) specifically governing the activity for which the renewal is requested.

[54 FR 38148, Sept. 14, 1989]

§ 13.23 Amendment of permits.

(a) Permittee's request. Where circumstances have changed so that a permittee desires to have any condition of his permit modified, such permittee must submit a full written justification and supporting information in conformity with this part and the part under which the permit was issued.

(b) Service reservation. The Service reserves the right to amend any permit for just cause at any time during its term, upon written finding of necessity.

(c) Change of name or address. A permittee is not required to obtain a new permit if there is a change in the legal individual or business name, or in the mailing address of the permittee. A permittee is required to notify the issuing office within 10 calendar days of such change. This provision does not authorize any change in location of the conduct of the permitted activity when approval of the location is a qualifying condition of the permit.

[54 FR 38148, Sept. 14, 1989]

§ 13.24 Right of succession by certain persons.

(a) Certain persons, other than the permittee are granted the right to carry on a permitted activity for the remainder of the term of a current permit provided they comply with the provisions of paragraph (b) of this section. Such persons are the following:

(1) The surviving spouse, child, executor, administrator, or other legal representative of a deceased permittee; and

(2) A receiver or trustee in bankruptcy or a court designated assignee for the benefit of creditors.

(b) In order to secure the right provided in this section the person or persons desiring to continue the activity
§ 13.25
shall furnish the permit to the issuing officer for endorsement within 90 days from the date the successor begins to carry on the activity.
[54 FR 38149, Sept. 14, 1989]

§ 13.25 Permits not transferable; agents.
(a) Permits issued under this part are not transferable or assignable. Some permits authorize certain activities in connection with a business or commercial enterprise and in the event of any lease, sale, or transfer of such business entity, the successor must obtain a permit prior to continuing the permitted activity. However, certain limited rights of succession are provided in §13.24.
(b) Except as otherwise stated on the face of the permit, any person who is under the direct control of the permittee, or who is employed by or under contract to the permittee for purposes authorized by the permit, may carry out the activity authorized by the permit, as an agent for the permittee.
[54 FR 38149, Sept. 14, 1989]

§ 13.26 Discontinuance of permit activity.
When a permittee, or any successor to a permittee as provided for by §13.24, discontinues activities authorized by a permit, the permittee shall within 30 calendar days of the discontinuance return the permit to the issuing office together with a written statement surrendering the permit for cancellation. The permit shall be deemed void and cancelled upon its receipt by the issuing office. No refund of any fees paid for issuance of the permit or for any other fees or costs associated with a permitted activity shall be made when a permit is surrendered for cancellation for any reason prior to the expiration date stated on the face of the permit.
[54 FR 38149, Sept. 14, 1989]

§ 13.27 Permit suspension.
(a) Criteria for suspension. The privileges of exercising some or all of the permit authority may be suspended at any time if the permittee is not in compliance with the conditions of the permit, or with any applicable laws or regulations governing the conduct of the permitted activity. The issuing officer may also suspend all or part of the privileges authorized by a permit if the permittee fails to pay any fees, penalties or costs owed to the Government. Such suspension shall remain in effect until the issuing officer determines that the permittee has corrected the deficiencies.
(b) Procedure for suspension. (1) When the issuing officer believes there are valid grounds for suspending a permit the permittee shall be notified in writing of the proposed suspension by certified or registered mail. This notice shall identify the permit to be suspended, the reason(s) for such suspension, the actions necessary to correct the deficiencies, and inform the permittee of the right to object to the proposed suspension. The issuing officer may amend any notice of suspension at any time.
(2) Upon receipt of a notice of proposed suspension the permittee may file a written objection to the proposed action. Such objection must be in writing, must be filed within 45 calendar days of the date of the notice of proposal, must state the reasons why the permittee objects to the proposed suspension, and may include supporting documentation.
(3) A decision on the suspension shall be made within 45 days after the end of the objection period. The issuing officer shall notify the permittee in writing of the Service's decision and the reasons therefore. The issuing officer shall also provide the applicant with the information concerning the right to request reconsideration of the decision under §13.29 of this part and the procedures for requesting reconsideration.
[54 FR 38149, Sept. 14, 1989]

§ 13.28 Permit revocation.
(a) Criteria for revocation. A permit may be revoked for any of the following reasons:
(1) The permittee willfully violates any Federal or State statute or regulation, or any Indian tribal law or regulation, or any law or regulation of any foreign country, which involves a violation of the conditions of the permit
or of the laws or regulations governing the permitted activity; or
(2) The permittee fails within 60 days to correct deficiencies that were the
cause of a permit suspension; or
(3) The permittee becomes disqualified under §13.21(c) of this part; or
(4) A change occurs in the statute or regulation authorizing the permit that
prohibits the continuation of a permit issued by the Service; or
(5) The population(s) of the wildlife or plant that is subject of the permit
decreases to the extent that continuation of the permitted activity would
be detrimental to maintenance or recovery of the affected population.

(b) Procedure for revocation. (1) When
the issuing officer believes there are
valid grounds for revoking a permit,
the permittee shall be notified in writ-
ing of the proposed revocation by cer-
tified or registered mail. This notice
shall identify the permit to be revoked,
the reason(s) for such revocation, the
proposed disposition of the wildlife, if
any, and inform the permittee of the
right to object to the proposed revoca-
tion. The issuing officer may amend
any notice of revocation at any time.
(2) Upon receipt of a notice of pro-
posed revocation the permittee may
file a written objection to the proposed
action. Such objection must be in writ-
ing, must be filed within 45 calendar
days of the date of the notice of pro-
posal, must state the reasons why the
permittee objects to the proposed rev-
cocation, and may include supporting
documentation.
(3) A decision on the revocation shall
be made within 45 days after the end of
the objection period. The issuing offi-
cer shall notify the permittee in writ-
ing of the Service's decision and the
reasons therefore, together with the in-
fomation concerning the right to re-
quest and the procedures for requesting
reconsideration.
(4) Unless a permittee files a timely
request for reconsideration, any wild-
life held under authority of a permit
that is revoked must be disposed of in
accordance with instructions of the
issuing officer. If a permittee files a
timely request for reconsideration of a
proposed revocation, such permittee
may retain possession of any wildlife
held under authority of the permit
until final disposition of the appeal
process.

§ 13.29 Review procedures.
(a) Request for reconsideration. Any
person may request reconsideration of
an action under this part if that person
is one of the following:
(1) An applicant for a permit who has
received written notice of denial;
(2) An applicant for renewal who has
received written notice that a renewal
is denied;
(3) A permittee who has a permit
issued or renewed but has not been
granted authority by the permit to per-
form all activities requested in the ap-
plication, except when the activity re-
quested is one for which there is no
lawful authority to issue a permit.
(b) Method of requesting reconsider-
ation. Any person requesting reconsid-
eration of an action under this part
must comply with the following cri-
teria:
(1) Any request for reconsideration
must be in writing, signed by the per-
son requesting reconsideration or by
the legal representative of that person,
and must be submitted to the issuing
officer.
(2) The request for reconsideration
must be received by the issuing officer
within 45 calendar days of the date of
notification of the decision for which
reconsideration is being requested.
(3) The request for reconsideration
shall state the decision for which re-
consideration is being requested and
shall state the reason(s) for the recon-
sideration, including presenting any
new information or facts pertinent to
the issue(s) raised by the request for
reconsideration.
(4) The request for reconsideration
shall contain a certification in sub-
stantially the same form as that pro-
vided by §13.21(a)(5). If a request for re-
consideration does not contain such
certification, but is otherwise timely...
§ 13.41
and appropriate, it shall be held and the person submitting the request shall be given written notice of the need to submit the certification within 15 calendar days. Failure to submit certification shall result in the request being rejected as insufficient in form and content.

(c) Inquiry by the Service. The Service may institute a separate inquiry into the matter under consideration.

(d) Determination of grant or denial of a request for reconsideration. The issuing officer shall notify the permittee of the Service’s decision within 45 days of the receipt of the request for reconsideration. This notification shall be in writing, shall state the reasons for the decision, and shall contain a description of the evidence which was relied upon by the issuing officer. The notification shall also provide information concerning the right to appeal, the official to whom an appeal may be addressed, and the procedures for making an appeal.

(e) Appeal. A person who has received an adverse decision following submission of a request for reconsideration may submit a written appeal to the Regional Director for the region in which the issuing office is located, or to the Director for offices which report directly to the Director. An appeal must be submitted within 45 days of the date of the notification of the decision on the request for reconsideration. The appeal shall state the reason(s) and issue(s) upon which the appeal is based and may contain any additional evidence or arguments to support the appeal.

(f) Decision on appeal. (1) Before a decision is made concerning the appeal the appellant may present oral arguments before the Regional Director or the Director, as appropriate, if such official judges oral arguments are necessary to clarify issues raised in the written record.

(2) The Service shall notify the appellant in writing of its decision within 45 calendar days of receipt of the appeal, unless extended for good cause and the appellant notified of the extension.

(3) The decision of the Regional Director or the Director shall constitute the final administrative decision of the Department of the Interior.

Subpart D—Conditions

§ 13.41 Humane conditions.

Any live wildlife possessed under a permit must be maintained under humane and healthful conditions.

§ 13.42 Permits are specific.

The authorizations on the face of a permit which set forth specific times, dates, places, methods of taking, numbers and kinds of wildlife or plants, location of activity, authorize certain circumscribed transactions, or otherwise permit a specifically limited matter, are to be strictly construed and shall not be interpreted to permit similar or related matters outside the scope of strict construction.

§ 13.43 Alteration of permits.

Permits shall not be altered, erased, or mutilated, and any permit which has been altered, erased, or mutilated shall immediately become invalid. Unless specifically permitted on the face thereof, no permit shall be copied, nor shall any copy of a permit issued pursuant to this subchapter B be displayed, offered for inspection, or otherwise used for any official purpose for which the permit was issued.

§ 13.44 Display of permit.

Any permit issued under this part shall be displayed for inspection upon request to the Director or his agent, or to any other person relying upon its existence.

§ 13.45 Filing of reports.

Permittees may be required to file reports of the activities conducted under the permit. Any such reports shall be filed not later than March 31 for the preceding calendar year ending December 31, or any portion thereof, during which a permit was in force, unless the regulations of this subchapter
§ 13.46 Maintenance of records.

From the date of issuance of the permit, the permittee shall maintain complete and accurate records of any taking, possession, transportation, sale, purchase, barter, exportation, or importation of plants obtained from the wild (excluding seeds) or wildlife pursuant to such permit. Such records shall be kept current and shall include names and addresses of persons with whom any plant obtained from the wild (excluding seeds) or wildlife has been purchased, sold, bartered, or otherwise transferred, and the date of such transaction, and such other information as may be required or appropriate. Such records shall be legibly written or reproducible in English and shall be maintained for five years from the date of expiration of the permit.


§ 13.47 Inspection requirement.

Any person holding a permit under this subchapter B shall allow the Director's agent to enter his premises at any reasonable hour to inspect any wildlife or plant held or to inspect, audit, or copy any permits, books, or records required to be kept by regulations of this subchapter B.

[39 FR 1161, Jan. 4, 1974, as amended at 42 FR 32377, June 24, 1977]

§ 13.48 Compliance with conditions of permit.

Any person holding a permit under subchapter B and any person acting under authority of such permit must comply with all conditions of the permit and with all applicable laws and regulations governing the permitted activity.

[54 FR 38150, Sept. 14, 1989]

§ 13.49 Surrender of permit.

Any person holding a permit under subchapter B shall surrender such permit to the issuing officer upon notification that the permit has been suspended or revoked by the Service, and all appeal procedures have been exhausted.

[54 FR 38150, Sept. 14, 1989]
§ 14.1

14.53 Detention and refusal of clearance.
14.54 Unavailability of Service officers.
14.55 Exceptions to clearance requirements.

Subpart F—Wildlife Declarations

14.61 Import declaration requirements.
14.62 Exceptions to import declaration requirements.
14.63 Export declaration requirements.
14.64 Exceptions to export declaration requirements.

Subpart G [Reserved]

Subpart H—Marking of Containers or Packages

14.81 Marking requirement.
14.82 Alternatives and exceptions to the marking requirement.

Subpart I—Import/Export Licenses

14.91 License requirement.
14.92 Exceptions to license requirement.
14.93 License application procedure, conditions, and duration.
14.94 Fees.

Subpart J—Standards for the Humane and Healthful Transport of Wild Mammals and Birds to the United States

14.101 Purposes.
14.102 Definitions.
14.103 Prohibitions.
14.104 Translations.
14.105 Consignment to carrier.
14.106 Primary enclosures.
14.107 Conveyance.
14.108 Food and water.
14.109 Care in transit.
14.110 Terminal facilities.
14.111 Handling.
14.112 Other applicable provisions.

Specifications for Nonhuman Primates

14.121 Primary enclosures.
14.122 Food and water.
14.123 Care in transit.

Specifications for Marine Mammals (Cetaceans, Sireniants, Sea Otters, Pinnipeds, and Polar Bears)

14.131 Primary enclosures.
14.132 Food and water.
14.133 Care in transit.

Specifications for Elephants and Ungulates

14.141 Consignment to carrier.
14.142 Primary enclosures.

Specifications for Sloths, Bats, and Flying Lemurs (Cynocephalidae)

14.151 Primary enclosures.
§ 14.4 Definitions.

In addition to definitions contained in part 10 of this subchapter, in this part:

Accompanying personal baggage means all hand-carried items and all checked baggage of a person entering into or departing from the United States.

Accredited scientist means any individual associated with, employed by, or under contract to and accredited by an accredited scientific institution for the purpose of conducting biological or medical research, and whose research activities are approved and sponsored by the scientific institution granting accreditation.

Accredited scientific institutions means any public museum, public zoological park, accredited institution of higher education, accredited member of the American Zoo and Aquarium Association, accredited member of the American Association of Systematic Collections, or any State or Federal government agency that conducts biological or medical research.

Commercial means related to the offering for sale or resale, purchase, trade, barter, or the actual or intended transfer in the pursuit of gain or profit, of any item of wildlife and includes the use of any wildlife article as an exhibit for the purpose of soliciting sales, without regard to quantity or weight. There is a presumption that eight or more similar unused items are for commercial use. The Service or the importer/exporter/owner may rebut this presumption based upon the particular facts and circumstances of each case.

Domesticated animals includes, but is not limited to, the following domesticated animals that are exempted from the requirements of this subchapter B (except for species obtained from wild populations):

Mammals: Alpaca—Lama alpaca; Camel—Camelus dromedarius; Camel (Boghdi)—Camelus bactrianus; Cat (domestic)—Felis domesticus; Dog (domestic)—Canis familiaris; European rabbit—Oryctolagus cuniculus; Ferret (domestic)—Mustela putorius; Goat—Capra hircus; Horse—Equus caballus; Llama—Lama glama; Pig—Sus scrofa; Sheep—Ovis aries; Water buffalo—Bubalus bubalis; White lab mice—Mus musculus; White lab rat—Rattus norvegicus.

Fish (for export purposes only): Carp (koi)—Cyprinus carpio; Goldfish—Carassius auratus.

Birds: Chicken—Gallus domesticus; Ducks & geese—domesticated varieties; Guinea fowl—Numida meleagris; Peafowl—Pavo cristatus; Pigeons (domesticated)—Columba livia domestica; Turkey—Meleagris gallopavo; Domesticated or Barnyard Mallards include: Pekin; Aylesbury; Bouen; Cayuga; Gray Call; White Call; East Indian; Crested; Swedish; Buff Orpington; Indian Runner; Campbell; Duclair; Merchtem; Termorde; Magpie; Chinese; Khaki Campbell.

Insects: Crickets, mealworms, honeybees (not to include Africanized varieties), and similar insects that are routinely farm raised.

Other Invertebrates: Earthworms and similar invertebrates that are routinely farm raised.

Export means to depart from, to send from, to ship from, or to carry out of, or attempt to depart from, to send from, to ship from, or to carry out of, or to consign to a carrier in any place subject to the jurisdiction of the United States with an intended destination of any place not subject to the jurisdiction of the United States, whether or not such departure, sending, or carrying, or shipping constitutes an exportation within the meaning of the Custom laws of the United States. When a passenger leaving the jurisdiction of the United States enters the designated international area of embarkation of an airport, all accompanying personal hand-carried items and checked baggage will be regarded as exports.

Import means to land on, bring into, or introduce into, or attempt to land on, bring into, or introduce into any place subject to the jurisdiction of the United States, whether or not such landing, bringing, or introduction constitutes an importation within the
§ 14.11 Meaning of the tariff laws of the United States.
[61 FR 31868, June 21, 1996]

Subpart B—Importation and Exportation at Designated Ports

§ 14.11 General restrictions.
Except as otherwise provided in this part, no person may import or export any wildlife at any place other than a Customs port of entry designated in § 14.12.

§ 14.12 Designated ports.
The following Customs ports of entry are designated for the importation or exportation of wildlife and are referred to hereafter as “designated ports:"
(a) Los Angeles, California;
(b) San Francisco, California;
(c) Miami, Florida;
(d) Honolulu, Hawaii;
(e) Chicago, Illinois;
(f) New Orleans, Louisiana;
(g) New York, New York;
(h) Seattle, Washington;
(i) Dallas/Fort Worth, Texas;
(j) Portland, Oregon;
(k) Baltimore, Maryland;
(l) Boston, Massachusetts; and
(m) Atlanta, Georgia.

§ 14.13 Emergency diversion.
Wildlife which has been imported into the United States at any port or place other than a designated port solely as a result of a diversion due to an aircraft or vessel emergency must proceed as an in-transit shipment under Customs bond to a designated port, or to any port where a permit or other provision of this part provides for lawful importation.

§ 14.14 In-transit shipments.
(a) Wildlife destined for a point within the United States may be imported into the United States at any port if such wildlife proceeds as an in-transit shipment under Customs bond to a designated port, or to any port where a permit or other provision of this part provides for lawful importation.
(b) Wildlife moving in-transit through the United States from one foreign country to another foreign country is exempt from the designated port requirements of this part, if such wildlife is not unloaded within the United States.

§ 14.15 Personal baggage and household effects.
(a) Any person may import into or export from the United States at any Customs port wildlife products or manufactured articles that are not intended for commercial use and are used as clothing or contained in accompanying personal baggage. However, this exception to the designated port requirement does not apply to any raw or dressed fur; raw, salted, or crusted hide or skin; game trophy; or to wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B.
(b) Wildlife products or manufactured articles, including mounted game trophies or tanned hides, which are not intended for sale and are part of a shipment of the household effects of persons moving their residence to or from the United States may be imported or exported at any Customs port of entry. However, this exception to the designated port requirement does not apply to any raw fur; raw, salted, or crusted hide or skin; or to wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B.

§ 14.16 Border ports.
(a) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, wildlife whose country of origin is Canada or the United States may be imported or exported at any of the following Customs ports of entry:
(1) Alaska—Alcan;
(2) Idaho—Eastport;
(3) Maine—Calais, Houlton, Jackman;
(4) Massachusetts—Boston;
(5) Michigan—Detroit, Port Huron, Sault Sainte Marie;
(6) Minnesota—Grand Portage, International Falls, Minneapolis-St. Paul;
(7) Montana—Raymond, Sweetgrass;
(8) New York—Buffalo-Niagara Falls, Champlain;
(9) North Dakota—Dunseith, Pembina, Portal;
(10) Ohio—Cleveland;
(11) Vermont—Derby Line, Highgate Springs; and
(b) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, wildlife whose country of origin is Mexico or the United States may be imported or exported at any of the following Customs ports of entry:
(1) Arizona—Lukeville, Nogales;
(2) California—Calexico, San Diego-San Ysidro; and
(3) Texas—Brownsville, El Paso, Laredo.
(c) Except for wildlife requiring a permit pursuant to part 16, 17, 18, or 21 of this subchapter B, wildlife lawfully taken by U.S. residents in the United States, Canada, or Mexico and imported or exported for noncommercial purposes, may be imported or exported at any Customs port of entry.
§ 14.17 Personally owned pet birds.
Any person may import a personally owned pet bird at any port designated under, and in accordance with, 9 CFR part 92.
§ 14.18 Marine mammals.
Any person subject to the jurisdiction of the United States who has lawfully taken a marine mammal on the high seas and who is authorized to import such marine mammal in accordance with the Marine Mammal Protection Act of 1972 and implementing regulations (50 CFR parts 18 and 216) may import such marine mammal at any port or place.
§ 14.19 Special ports.
(a) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, wildlife which is imported for final destination in Alaska, Puerto Rico, or the Virgin Islands, may be imported through those Customs ports of entry named hereafter for the respective State or Territory:
(1) Alaska—Alcan, Anchorage, Fairbanks, J uneau;
(2) Puerto Rico—San J uan; and
(3) Virgin Islands—San J uan, Puerto Rico.
(b) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, wildlife which originates in Alaska, Puerto Rico, or the Virgin Islands, may be exported through the following Customs ports for the respective State or Territory:
(1) Alaska—Alcan, Anchorage, Fairbanks, J uneau;
(2) Puerto Rico—San J uan; and
(3) Virgin Islands—San J uan, Puerto Rico.
(c) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, wildlife which has a final destination of Guam or which originates in Guam may be imported or exported, as appropriate, through the port of Agana, Guam.
§ 14.20 Exceptions by permit.
Wildlife may be imported into or exported from the United States at any Customs port of entry designated in the terms of a valid permit issued pursuant to subpart C of this part.
§ 14.21 Shellfish and fishery products.
(a) General. Except for wildlife requiring a permit pursuant to part 17 or 23 of this subchapter, shellfish and fishery products imported or exported for purposes of human or animal consumption or taken in waters under the jurisdiction of the United States or on the high seas for recreational purposes may enter or exit at any Customs port.
(2) Except for wildlife requiring a permit pursuant to part 17 or part 23 of this subchapter, live aquatic invertebrates of the Class Pelecypoda (commonly known as oysters, clams, mussels, and scallops) and the eggs, larvae, or juvenile forms thereof may be exported for purposes of propagation, or research related to propagation, at any Customs port.
(b) Pearls. Except for wildlife requiring a permit pursuant to part 17 or 23 of this subchapter, pearls imported or exported for commercial purposes may enter or exit the United States at any Customs port of entry. For the purposes of this part, all references to the
§ 14.22 Certain antique articles.

Any person may import at any Customs Service port designated for such purpose, any article (other than scrimshaw, defined in 16 U.S.C. 1539(f)(1)(B) and 50 CFR 217.12 as any art form that involves the etching or engraving of designs upon, or the carving of figures, patterns, or designs from, any bone or tooth of any marine mammal of the order Cetacea) that is at least 100 years old, is composed in whole or in part of any endangered or threatened species listed under §17.11 or §17.12 of this subchapter, and has not been repaired or modified with any part of any endangered or threatened species on or after December 28, 1973.

§ 14.23 Live farm-raised fish and farm-raised fish eggs.

Live farm-raised fish and farm-raised fish eggs meet the definition of "bred in captivity" as stated in 50 CFR 17.3. Except for wildlife requiring a permit pursuant to parts 17 or 23 of this subchapter, live farm-raised fish and farm-raised fish eggs may be exported from any U.S. Customs port.

§ 14.24 Scientific specimens.

Except for wildlife requiring a permit pursuant to parts 16, 17, 18, 21, 22 or 23 of this subchapter, dead, preserved, dried, or embedded scientific specimens or parts thereof, imported or exported by accredited scientists or accredited scientific institutions for taxonomic or systematic research purposes may enter or exit through any U.S. Customs port, or may be shipped through the international mail system. Provided, that this exception will not apply to any specimens or parts thereof taken as a result of sport hunting.

§ 14.31 Permits to import or export wildlife at nondesignated port for scientific purposes.

(a) General. The Director may, upon receipt of an application submitted in accordance with the provisions of this section and §§13.11 and 13.12 of this subchapter, and in accordance with the issuance criteria of this section, issue a permit authorizing importation or exportation of wildlife for scientific purposes at one or more named Customs port(s) of entry not otherwise authorized by subpart B. Such permits may authorize a single importation or exportation, a series of importations or exportations, or importation or exportation during a specified period of time.

(b) Application procedure. Applications for permits to import or export wildlife at a nondesignated port for scientific purposes must be submitted to the Director. Each application must contain the general information and certification required by §13.12(a) of this subchapter, plus the following additional information:

(1) The scientific purpose or uses of the wildlife to be imported or exported;

(2) The number and kinds of wildlife described by scientific and common names to be imported or exported where such number and kinds can be determined;

(3) The country or place in which the wildlife was removed from the wild (if known), or where born in captivity;

(4) The port(s) of entry where importation or exportation is requested, and the reasons why importation or exportation should be allowed at the requested port(s) of entry rather than at a designated port; and

(5) A statement as to whether the exception is being requested for a single shipment, a series of shipments, or shipments over a specified period of time and the date(s) involved.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to import or export wildlife at a nondesignated port issued under this...
§ 14.33 Permits to import or export wildlife at nondesignated port to alleviate undue economic hardship.

(a) General. The Director may, upon receipt of an application submitted in accordance with the provisions of this section and §§ 13.11 and 13.12 of this subchapter, and in accordance with the issuance criteria of this section, issue a permit authorizing importation or exportation of wildlife in order to alleviate undue economic hardship at one or more named Customs port(s) of entry.

(b) Application procedure. Applications for permits to import or export wildlife at a nondesignated port to minimize deterioration or loss must be submitted to the Director. Each application must contain the general information and certification required in § 13.12(a) of this subchapter, plus the following additional information:

(1) The number and kinds of wildlife described by scientific and common names to be imported or exported where such number and kinds can be determined;

(2) The country or place in which the wildlife was removed from the wild (if known), or where born in captivity;

(3) The port(s) of entry where importation or exportation is requested, and the reasons why importation or exportation should be allowed at the requested port(s) of entry rather than at a designated port (information must be included to show that an importation or exportation at a designated port would result in a substantial deterioration or loss of the wildlife); and

(4) A statement as to whether the exception is being requested for a single shipment, a series of shipments, or shipments over a specified period of time and the dates(s) involved.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, permits to import or export wildlife at a nondesignated port issued under this section are to be subject to the following conditions:

(1) Permittee shall file such reports as may be specified on the permit, if any; and

(2) Permittee must pay fees in accordance with § 14.94.

(d) Issuance criteria. The Director shall consider the following in determining whether to issue a permit under this section:

(1) Likelihood of a substantial deterioration or loss of the wildlife involved;

(2) The kind of wildlife involved and its place of origin; and

(3) Availability of a Service officer.

(e) Duration of permits. Any permit issued under this section expires on the date designated on the face of the permit. In no case will the permit be valid for more than 2 years from the date of issuance.

more named Customs port(s) of entry not otherwise authorized by subpart B. Such permits may authorize a single importation or exportation, a series of importations or exportations, or importation or exportation during a specified period of time.

(b) Application—procedure. Applications for permits to import or export wildlife at a nondesignated port to alleviate undue economic hardship must be submitted to the Director. Each application must contain the general information and certification required in §13.12(a) of this subchapter, plus the following additional information:

(1) The number and kinds of wildlife described by scientific and common names to be imported or exported, where such number and kinds can be determined, and a description of the form in which it is to be imported, such as "live," "frozen," "raw hides," or a full description of any manufactured product;

(2) The country or place in which the wildlife was removed from the wild (if known), or where born in captivity;

(3) The name and address of the supplier or consignee;

(4) The port(s) of entry where importation or exportation is requested, and the reasons why importation or exportation should be allowed at the requested port(s) of entry rather than at a designated port (information must be included to show the monetary difference between the cost of importation or exportation at the port requested and the lowest cost of importation or exportation at the port through which importation or exportation is authorized by subpart B without a permit); and

(5) A statement as to whether the exception is being requested for a single shipment, a series of shipments, or shipments over a specified period of time and the date(s) involved.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to import or export wildlife at a nondesignated port issued under this section are subject to the following conditions:

(1) Permittee shall file such reports as specified on the permit, if any; and

(2) Permittee must pay fees in accordance with §14.94.

(d) Issuance criteria. The Director shall consider the following in determining whether to issue a permit under this section:

(1) The difference between the cost of importing or exporting the wildlife at the port requested and the lowest cost of importing or exporting such wildlife at a port authorized by these regulations without a permit;

(2) The severity of the economic hardship that likely would result should the permit not be issued;

(3) The kind of wildlife involved, including its form and place of origin; and

(4) Availability of a Service officer.

(e) Duration of permits. Any permit issued under this section expires on the date designated on the face of the permit. In no case will the permit be valid for more than 2 years from the date of issuance.

§ 14.52 Clearance of imported wildlife.

(a) Except as otherwise provided by this subpart, a Service officer must clear all wildlife imported into the
§ 14.53 Detention and refusal of clearance.

(a) Detention. Any Service officer, or Customs officer acting under §14.54, may detain imported or exported wildlife and any associated property. As soon as practicable following the importation or exportation and decision to detain, the Service will mail a notice of detention by registered or certified mail, return receipt requested, to the importer or consignee, or exporter, if known or easily ascertainable. Such notice must describe the detained wildlife or other property. Indicate the reason for the detention, describe the general nature of the tests or inquiries to be conducted, and indicate that if the releasability of the wildlife has not been determined within 30 days after the date of the notice, or a longer period if specifically stated, that the Service will deem the wildlife to be seized and will issue no further notification of seizure.

(b) Refusal of clearance. Any Service officer may refuse clearance of imported or exported wildlife and any Customs officer acting under §14.54 may refuse clearance of imported wildlife when there are reasonable grounds to believe that:

(1) A Federal law or regulation has been violated;

(2) The correct identity and country of origin of the wildlife has not been established (in such cases, the burden is upon the owner, importer, exporter, consignor, or consignee to establish such identity by scientific name to the species level or, if any subspecies is protected by the laws of this country or the country of origin to the subspecies level);

(3) Any permit, license, or other documentation required for clearance of such wildlife is not available, is not currently valid, has been suspended or revoked, or is not authentic;

(4) The importer, exporter, or the importer's or exporter's agent has filed an incorrect or incomplete declaration for importation or exportation as provided in §14.61 or §14.63; or

(5) The importer, exporter, or the importer's or exporter's agent has not paid any fee or portion of balance due for inspection fees required by §14.93 or §14.94, or penalties assessed against an importer or exporter under 50 CFR part 11. This paragraph does not apply to penalty assessments on appeal in accordance with the provisions of part 11.

[61 FR 31869, June 21, 1996]
§ 14.54 Unavailability of Service officers.

(a) Designated ports. All wildlife arriving at a designated port must be cleared by a Service officer prior to Customs clearance and release. When importers or their agents expect live or perishable shipments of wildlife or wildlife products or request inspection at the time of arrival, they must notify the Service at least 48 hours prior to the estimated time of arrival. However, where a Service officer is not available within a reasonable time, Customs Officers may clear live or perishable wildlife subject to post-clearance inspection and investigation by the Service.

(b) Border and special ports. Wildlife lawfully imported at Canadian or Mexican border ports under §14.16, or into Alaska, Puerto Rico, or the Virgin Islands, under §14.19, may, if a Service officer is not available within a reasonable time, be cleared by Customs officers, subject to post-clearance inspection and investigation by the Service.

(c) Permit imports. Wildlife imported at a nondesignated port in accordance with the terms of a valid permit issued under subpart C of this part, may, if a Service officer is not available within a reasonable time, be cleared by Customs officers, subject to post-clearance inspection and investigation by the Service.

(d) Personal baggage and household effects. Wildlife lawfully imported at any port of entry under §14.15, may, if a Service officer is not available within a reasonable time, be cleared by Customs officers, subject to post-clearance inspection and investigation by the Service.

(e) Personally owned pet birds. Personally owned pet birds lawfully imported at a port of entry under §14.17, may, if a Service officer is not available within a reasonable time, be cleared by Customs officers, subject to post-clearance inspection and investigation by the Service.

(f) Exports. Exporters or their agents must notify the Service and make the shipment available for inspection at least 48 hours prior to the estimated time of exportation of any wildlife.

§ 14.55 Exceptions to clearance requirements.

Except for wildlife requiring a permit pursuant to part 17 or 23 of this subchapter B, clearance is not required for the importation of the following wildlife:

(a) Shellfish and fishery products imported for purposes of human or animal consumption or taken in waters under the jurisdiction of the United States or on the high seas for recreational purposes;

(b) Marine mammals lawfully taken on the high seas by United States residents and imported directly into the United States; and

(c) Certain antique articles as specified in §14.22 which have been released from custody by Customs officers under 19 U.S.C. 1499.

(d) Dead, preserved, dried, or embedded scientific specimens or parts thereof, imported or exported by accredited scientists or accredited scientific institutions for taxonomic or systematic research purposes. Except: That this exception will not apply to any specimens or parts thereof taken as a result of sport hunting.

Subpart F—Wildlife Declarations

§ 14.61 Import declaration requirements.

Except as otherwise provided by the regulations of this subpart, importers or their agents must file with the Service a completed Declaration for Importation or Exportation of Fish or Wildlife (Form 3-177), signed by the importer or the importer’s agent, upon the importation of any wildlife at the place where Service clearance under §14.52 is requested. However, wildlife may be transshipped under bond to a different port for release from custody by Customs Service officers under 19 U.S.C. 1499. For certain antique articles as specified in §14.22, importers or their agents must file a Form 3-177 with the District Director of Customs at the port of entry prior to release from Customs custody. Importers or their agents must furnish all applicable information requested on the Form 3-
§ 14.62 Exceptions to import declaration requirements.

(a) Except for wildlife requiring a permit pursuant to part 17 or 23 of this subchapter B, an importer or his/her agent does not have to file a Declaration for Importation or Exportation of Fish or Wildlife (Form 3-177) for importation of shellfish and fishery products imported for purposes of human or animal consumption, or taken in waters under the jurisdiction of the United States or on the high seas for recreational purposes;

(b) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, a Declaration for Importation or Exportation of Fish or Wildlife (Form 3-177) does not have to be filed for importation of the following:

(1) Fish taken for recreational purposes in Canada or Mexico;

(2) Wildlife products or manufactured articles that are not intended for commercial use and are used as clothing or contained in accompanying personal baggage, except that an importer or his/her agent must file a Form 3-177 for raw or dressed furs; for raw, salted, or crusted hides or skins; and for game or game trophies; and

(3) Wildlife products or manufactured articles that are not intended for commercial use and are a part of a shipment of the household effects of persons moving their residence to the United States, except that an importer or his/her agent must file a declaration for raw or dressed furs and for raw, salted, or crusted hides or skins.

(c) General declarations for certain specimens. Notwithstanding the provisions of 14.61 and except for wildlife included in paragraph (d) of this section, an importer or his/her agent may describe in general terms on a Declaration for the Importation or Exportation of Fish or Wildlife (Form 3-177) scientific specimens imported for scientific institutions for taxonomic, systematic research, or faunal survey purposes. An importer or his/her agent must file an amended Form 3-177 within 180 days after filing of the general declaration with the Service. The declaration must identify specimens to the most accurate taxonomic classification reasonably practicable using the best available taxonomic information. The Director may grant extensions of the 180-day period.

(d) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, 22 or 23 of this subchapter B, an importer or his/her agent does not have to file a Declaration for the Importation or Exportation of Fish or Wildlife (Form 3-177) at the time of importation for shipments of dead, preserved, dried, or embedded scientific specimens or parts thereof, imported by accredited scientists or accredited scientific institutions for taxonomic or systematic research purposes. An importer or his/her agent must file a Form 3-177 within 180 days of importation with the appropriate Assistant Regional Director—Law Enforcement in the Region where the importation occurs. The declaration must identify the specimens to the most accurate taxonomic classification reasonably practicable using the best available taxonomic information, and must declare the country of origin. Exception: That this exception will not apply to any specimens or parts thereof taken as a result of sport hunting.


§ 14.63 Export declaration requirements.

Except as otherwise provided by the regulations of this subpart, a completed Declaration for Importation or Exportation of Fish or Wildlife (Form 3-177) signed by the exporter, or the exporter’s agent, shall be filed with the Service prior to the export of any wildlife at the port of exportation as authorized in subpart B of this part. All applicable information requested on the Form 3-177 shall be furnished, and the exporter or the exporter’s agent shall certify that the information furnished is true and complete to the best of his/her knowledge and belief.
§ 14.64 Exceptions to export declaration requirements.

(a) Except for wildlife requiring a permit pursuant to part 17 or 23 of this subchapter B, an exporter or his/her agent does not have to file a Declaration for Importation or Exportation of Fish or Wildlife (Form 3–177) for the exportation of shellfish and fishery products exported for purposes of human or animal consumption or taken in waters under the jurisdiction of the United States or on the high seas for recreational purposes, and does not have to file for the exportation of live aquatic invertebrates of the Class Pelecypoda (commonly known as oysters, clams, mussels, and scallops) and the eggs, larvae, or juvenile forms thereof exported for purposes of propagation, or research related to propagation.

(b) Except for wildlife requiring a permit pursuant to part 16, 17, 18, 21, or 23 of this subchapter B, a Declaration for the Importation or Exportation of Fish or Wildlife (Form 3–177) does not have to be filed for the exportation of the following:

(1) Wildlife that is not intended for commercial use where the value of such wildlife is under $250;

(2) Wildlife products or manufactured articles, including game trophies, that are not intended for commercial use and are used as clothing or contained in accompanying personal baggage or are part of a shipment of the household effects of persons moving their residence from the United States; and

(3) Shipments of dead, preserved, dried, or embedded scientific specimens or parts thereof, exported by accredited scientists or accredited scientific institutions for taxonomic or systematic research purposes. An exporter or his/her agent must file a Form 3–177 within 180 days of exportation with the appropriate Assistant Regional Director—Law Enforcement in the Region where the exportation occurs. The declaration must identify the specimen to the most accurate taxonomic classification reasonably practicable using the best available taxonomic information, and must declare the country of origin. Except: That this exception will not apply to any specimens or parts thereof taken as a result of sport hunting.

(c) Except for wildlife requiring a period pursuant to parts 17 or 23 of this subchapter, a Declaration for the Importation or Exportation of Fish or Wildlife (Form 3–177) does not have to be filed for the exportation of live farm-raised fish and farm-raised fish eggs as defined in §14.23.

50 FR Ch. I (10-1-98 Edition)

Subpart G [Reserved]

Subpart H—Marking of Containers or Packages

SOURCE: 52 FR 45341, Nov. 27, 1987, unless otherwise noted.

§ 14.81 Marking requirement.

Except as otherwise provided in this subpart, no person may import, export, or transport in interstate commerce any container or package containing any fish or wildlife (including shellfish and fishery products) unless he/she marks each container or package conspicuously on the outside with both the name and address of the shipper and consignee. An accurate and legible list of its contents by species scientific name and the number of each species and whether or not the listed species are venomous must accompany the entire shipment.

61 FR 31870, June 21, 1996

§ 14.82 Alternatives and exceptions to the marking requirement.

(a) The requirements of §14.81 may be met by complying with one of the following alternatives to the marking requirement:

(1)(i) Conspicuously marking the outside of each container or package containing fish or wildlife with the word “fish” or “wildlife” as appropriate for its contents, or with the common name of its contents by species, and

(ii) Including an invoice, packing list, bill of lading, or similar document to accompany the shipment which accurately states the name and address of the shipper and consignee, states the total number of packages or containers in the shipment, and for each species in the shipment specifies.
(A) The common name that identifies the species (examples include: Chinook (or king) salmon; bluefin tuna; and whitetail deer) and whether or not the listed species is venomous; and (B) The number of that species (or other appropriate measure of quantity such as gross or net weight).

The invoice, packing list, bill of lading, or equivalent document must be securely attached to the outside of one container or package in the shipment or otherwise physically accompany the shipment in a manner which makes it readily accessible for inspection; or (2) Affixing the shipper’s wildlife import/export license number preceded by the three letters “FWS” on the outside of each container or package containing fish or wildlife, if the shipper has valid wildlife import/export license issued under authority of 50 CFR part 14. For each shipment marked in accordance with this paragraph, the records maintained under §14.93(c) must include a copy of the invoice, packing list, bill of lading, or other similar document that accurately states the information required by paragraph (a)(1)(ii) of this section.

(3) In the case of subcontainers or packages within a larger packing container, only the outermost container must be marked in accordance with this section. Except, that for live fish or wildlife that are packed in subcontainers within a larger packing container, if the subcontainers are numbered or labeled, the packing list, invoice, bill or lading, or other similar document, must reflect that number or label. However, each subcontainer containing a venomous species must be clearly marked as venomous.

(4) A conveyance (truck, plane, boat, etc.) is not considered a container for purposes of requiring specific marking of the conveyance itself, provided that: (i) The fish or wildlife within the conveyance is carried loosely or is readily identifiable, and is accompanied by the document required by paragraph (a)(1)(ii) of this section, or (ii) The fish or wildlife is otherwise packaged and marked in accordance with this subpart.

(b) The requirements of §14.81 do not apply to containers or packages containing—

(1) Fox, nutria, rabbit, mink, chinchilla, marten, fisher, muskrat, and karakul that have been bred and born in captivity, or their products, if a signed statement certifying that the animals were bred and born in captivity accompanies the shipping documents; (2) Fish or shellfish contained in retail consumer packages labeled pursuant to the Food, Drug and Cosmetic Act, 21 U.S.C. §301 et seq.; or (3) Fish or shellfish that are landed by, and offloaded from, a fishing vessel (whether or not the catch has been carried by the fishing vessel interstate), as long as the fish or shellfish remain at the place where first offloaded.

(Approved by the Office of Management and Budget under control number 1018-0022) [52 FR 45341, Nov. 27, 1987, as amended at 61 FR 31871, June 21, 1996]

Subpart I—Import/Export Licenses

§14.91 License requirement.

(a) Prohibition. Except as otherwise provided in this subpart, it is unlawful for any person to engage in business as an importer or exporter of wildlife without first having obtained a valid import/export license from the Director.

(b) Definition. As used in this subpart, the phrase engage in business as an importer or exporter of wildlife means for a person to devote time, attention, labor, or effort to any activity for gain or profit that involves the importation or exportation of wildlife whether or not such person is an importer or exporter within the meaning of the customs laws of the United States.

(c) Certain persons required to be licensed. The definition in paragraph (b) of this section includes, but is not limited to, persons who import or export wildlife for commercial purposes:

(1) For trade, sale, or resale, such as animal dealers, animal brokers, pet dealers, pet suppliers, and laboratory research suppliers; (2) In the form of fur for tanning, manufacture, or sale, such as fur trappers, dealers, brokers, and manufacturers; (3) In the form of hides and skins for tanning, manufacture, or sale, such as
§ 14.92 Exceptions to license requirement.

(a) Certain wildlife. Any person may engage in business as an importer or exporter of the following wildlife without procuring an import/export license:

(1) Shellfish and fishery products that do not require a permit under part 17 or 23 of this subchapter B and that are imported or exported for purposes of human or animal consumption;

(2) Live farm-raised fish and farm-raised eggs of species not requiring a permit under part 17 or 23 of this subchapter B that are being exported;

(3) Pearls imported or exported for commercial purposes.

(b) Certain persons. The following persons may engage in business as importers or exporters of wildlife without procuring an import/export license: Provided, That such persons keep such records as will fully and correctly disclose each importation or exportation of wildlife made by them and the subsequent disposition made by them with respect to the wildlife, and that subject to applicable limitations of law, duly authorized Service officers at all reasonable times shall, upon notice, be afforded access to such persons' places of business, an opportunity to examine their inventory of imported wildlife and the records required above, and an opportunity to copy such records:

(1) Common carriers when engaged as transporters and not as importers or exporters of record;

(2) Custom house brokers when engaged as agents and not as importers or exporters of record;

(3) Public museums, or other public, scientific or educational institutions, importing or exporting wildlife for research or educational purposes and not for resale;

(4) Federal, State, or municipal agencies; and

(5) Circuses importing or exporting wildlife for exhibition purposes only and not for purchase, sale, barter, or transfer of such wildlife.

§ 14.93 License application procedure, conditions, and duration.

(a) General. The Director may, upon receipt of an application submitted in accordance with the provisions of this section and §§ 13.11 and 13.12 of this subchapter, issue a license authorizing the applicant to engage in business as an importer or exporter of wildlife.

(b) Application procedure. Applications for import/export licenses must be submitted to the appropriate Special Agent in Charge (see § 10.22 of this subchapter). Each application must contain the general information and certification required by § 13.12(a) of this subchapter, plus the following additional information:

(1) A brief description of the nature of the applicant's business as it relates to the importation or exportation of wildlife, e.g., "live animal dealer," "fur broker," "taxidermist," "retail department store," and "pet shop;"

(2) If the application is in the name of a business, a statement disclosing...
the names and addresses of all partners and principal officers;
(3) A statement of where books or records concerning wildlife imports or exports will be kept;
(4) A statement of where inventories of wildlife will be stored; and
(5) Name, address, and telephone number of the officer, manager, or other person authorized to make records or wildlife inventories available for examination by Service officials.

(c) Additional license conditions. In addition to the general conditions set forth in part 13 of this subchapter B, import/export licenses are subject to the following special conditions:

(1) The licensee shall, from the effective date of the license, keep such records as will fully and correctly disclose each importation or exportation of wildlife made by the licensee and the subsequent disposition made by the licensee with respect to such wildlife. The records must include a general description of the form of the wildlife, such as “live,” “raw hides,” or “fur garments;” the quantity of wildlife, in numbers, weight, or other appropriate measure; the common and scientific names; the country or place of origin of the wildlife, if known; the date and place of import or export; the date of the subsequent disposition of the wildlife; the manner of disposition, whether by sale, barter, consignment, loan, delivery, destruction, or other means; and the name and address of the person who received the wildlife pursuant to such disposition, if applicable;

(2) Licensees shall include and retain in their records copies of all permits required by the laws and regulations of the United States and any country of export or origin;

(3) Licensees shall maintain such books and records for a period of five years;

(4) Subject to applicable limitations of law, licensees must provide duly authorized Service officers at all reasonable times, upon notice, access to the licensee’s places of business and give an opportunity to examine the licensee’s inventory of imported wildlife and the records required to be kept under paragraph (c)(1) of this section, and give an opportunity to copy such records;

(5) Licensees must, upon written request by the Director, submit within 30 days of such request a report containing the information required to be maintained by paragraph (c)(1) of this section.

An import/export license is only permission to engage in business as an importer or exporter of wildlife. Such a license is in addition to, and does not supersede, any other requirement established by law for the importation or exportation of wildlife.

(7) Licensees agree to pay, as a condition of the license, reasonable user fees for inspections of commercial wildlife shipments imported or exported under the authorization of the license.

(d) Duration of license. Any license issued under this section expires on the date designated on the face of the license. In no case will the license be valid for more than 1 year from the date of issuance.

(e) Issuance, denial, suspension, revocation, or renewal of license. Payment of all license and inspection fees shall be a condition of the license. It shall be grounds for suspension or revocation of any license, or for denial or renewal of a license, or of grant of a new import/export license to any person named as the holder, or a principal officer or agent of a holder, of a previous license issued pursuant to this subpart, that any license fees or any fees owing for inspections of wildlife shipments remain unpaid at the time of application for renewal or of new application. Additional provisions governing the issuance, denial, suspension, revocation, and renewal of an import/export license are found in part 13 of this subchapter B.

§ 14.94 Fees.

(a) License and inspection fees. The Service will impose a yearly fee for a license pursuant to §14.93. In addition, each licensee must pay an inspection fee for each wildlife shipment imported into or exported from the United States at a designated port.

(b) Designated port overtime fees. The Service may charge importers or exporters of wildlife, regardless of being
licensed as a commercial importer or exporter, a fee for overtime for inspections that begin before normal working hours, that extend beyond normal working hours, or are on a holiday, Saturday, or Sunday if the importer/exporter requested that the inspection be performed outside normal work hours. Overtime fees consist of an increased hourly rate equal to 1½ times the average hourly rate of a journeyman level wildlife inspector. Overtime fees will be in addition to inspection fees imposed for license holders at designated ports. If an importer/exporter presents a shipment for inspection during normal work hours but the Service cannot perform the inspection during normal work hours on that day, the service will give the importer/exporter the option of performing the inspection later during normal work hours or charging for overtime. The Service’s ability to perform inspections during overtime hours will depend on the availability of Service personnel. The Service will use the following parameters when calculating the overtime fee:

(1) Inspection overtime commences when a Service officer departs that officer’s residence or official duty station enroute to the inspection site or at the end of normal work hours. Inspection overtime terminates when the officer returns to the point of departure or official duty station or when the inspection is completed, whichever occurs later.

(2) For an inspection at a designated port beginning less than 1 hour before normal work hours, the Service will charge 1 hour of time, at an hourly rate of 1½ times the average hourly rate of a journeyman level Wildlife Inspector. For all other overtime inspections at a designated port the Service will charge a minimum of 2 hours of time, at an hourly rate of 1½ times the average hourly rate of a journeyman level Wildlife Inspector, except that for all inspections performed on a federal holiday the Service will charge a minimum of 2 hours at twice the average hourly rate of a journeyman level wildlife inspector.

(3) The Service will charge any inspection time in excess of the 2-hour minimum in quarter hour increments at the same hourly rate as the first 2 hours. The Service will round up inspection time of 10 minutes or more to the next quarter hour and will disregard any time less than 10 minutes.

(4) The fee schedule will apply to all inspections regardless of importer/exporter of record, except, that the Service will charge multiple shipments consigned to the same importer/exporter and inspected at one location one 2-hour minimum or actual time, whichever is greater.

(c) Nondesignated port fees. The Service will charge permittees issued permits under subpart C of this part, and licensed commercial importers and exporters a fee for inspections at nondesignated ports. The fees consist of a flat administrative fee plus a minimum of two hours of time at staffed nondesignated ports. The Service will use the following parameters when calculating fees:

(1) During normal working hours the Service will charge permittees issued permits under subpart C of this part, regardless of being licensed as a commercial importer or exporter, an administrative fee plus a minimum of 2 hours of time at the average hourly rate of a journeyman level wildlife inspector. The Service will charge permittees requesting clearance outside normal working hours, including Saturday and Sunday, an administrative fee plus a minimum of 2 hours of time at 1½ times the average hourly rate of a journeyman level wildlife inspector, except that for all inspections performed on a federal holiday the Service will charge a minimum of 2 hours at twice the average hourly rate of a journeyman level wildlife inspector.

(2) The Service will charge any inspection time in excess of the 2-hour minimum in quarter hour increments at the same hourly rate as the first 2 hours. The Service will round up inspection time of 10 minutes or more to the next quarter hour and will disregard any time less than 10 minutes.

(3) The Service will not charge importers or exporters who are not required to have a permit under subpart C of this part, except that the Service
will charge licensed importers or exporters an administrative fee only during normal working hours, and overtime hourly rates and minimums will apply outside normal working hours.

(4) For inspections performed under a permit issued under subpart C of this part at nondesignated ports with no permanent Service law enforcement staff, the Service will charge all costs associated with inspection and clearance, including, salary, travel and transportation costs, and per diem.

(d) Schedule.

<table>
<thead>
<tr>
<th>General Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Import/Export license fee</td>
</tr>
<tr>
<td>Inspection fee</td>
</tr>
</tbody>
</table>

### Inspection Fee Schedule

<table>
<thead>
<tr>
<th>Designated ports: Licensees:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspections during normal work hours</td>
</tr>
<tr>
<td>Inspections beginning less than 1 hour before normal work hours</td>
</tr>
<tr>
<td>Inspections beginning more than 1 hour before normal work hours</td>
</tr>
<tr>
<td>Inspections after normal work hours (including Saturdays and Sundays)</td>
</tr>
<tr>
<td>Inspections on federal holidays</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Designated ports: Nonlicensees:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspection during normal work hours</td>
</tr>
<tr>
<td>Inspections beginning outside normal work hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Staffed nondesignated ports: Subpart C permit holders, regardless of license status:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inspections during normal work hours</td>
</tr>
<tr>
<td>Inspections beginning outside normal work hours (including Saturdays and Sundays)</td>
</tr>
<tr>
<td>Inspections on federal holidays</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nonstaffed nondesignated ports:</th>
</tr>
</thead>
<tbody>
<tr>
<td>$55 Administrative fee plus all costs associated with inspection and clearance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Staffed nondesignated ports: No subpart C permit required (Border/Special Ports):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Import/export license holders</td>
</tr>
<tr>
<td>All others</td>
</tr>
</tbody>
</table>

(1) The Service will not refund any fee or any portion of any license or inspection fee or excuse payment of any fee because importation or clearance of wildlife shipment is refused for any reason.

(2) [Reserved]

[61 FR 31871, June 21, 1996]

Subpart J—Standards for the Humane and Healthful Transport of Wild Mammals and Birds to the United States

Source: 57 FR 27108, June 17, 1992, unless otherwise noted.

§ 14.101 Purposes.

The purpose of this subpart is to prescribe requirements necessary to ensure that live wild mammals and birds shipped to the United States arrive alive, healthy, and uninjured, and that transportation of such animals occurs under humane and healthful conditions. These regulations implement section 9(d) of the Lacey Act Amendments of 1981.

§ 14.102 Definitions.

In addition to the definitions contained in part 10 of subchapter B of this chapter, in this subpart—
§ 14.103 Prohibitions.

Ambient air temperature means the temperature of the air surrounding a primary enclosure containing a wild mammal or bird.

Auxiliary ventilation means cooling or air circulation provided by such means as vents, fans, blowers, or air conditioning.

Carrier means any person operating an airline, railroad, motor carrier, shipping line, or other enterprise engaged in the business of transporting any wild mammal or bird for any purpose including exhibition and for any person, including itself.

Communicable disease means any contagious, infectious, or transmissible disease of wild mammals or birds.

Conveyance means any vehicle, vessel, or aircraft employed to transport an animal between its origin and destination.

Do not tip means do not excessively rock or otherwise move from a vertical to a slanting position, knock over, or upset.

Handle means feed, manipulate, crate, shift, transfer, immobilize, restrain, treat, or otherwise control the movement or activities of any wild mammal or bird.

Holding area means a designated area at or within a terminal facility that has been specially prepared to provide shelter and other requirements of wild mammals or birds being transported to the United States and in which such mammals or birds are maintained prior to, during, or following such shipment.

Kept clean means maintained free from dirt, trash, refuse, excreta, remains from other cargo, and impurities of any type.

Marine mammal means an individual of a species of the orders Cetacea, Pinnipedia, or Sirenia, or a polar bear (Ursus maritimus) or sea otter (Enhydra lutris).

Noncompatible means not capable of existing together in harmony.

Nonhuman primate means any nonhuman member of the order Primates.

Normal rigors of transportation means the stress that a wild animal can be expected to experience as a result of exposure to unaccustomed surroundings, unfamiliar confinement, caging, unfamiliar sounds, motion, and other conditions commonly encountered during transport.

Primary enclosure means any structure used to restrict a mammal or bird to a limited amount of space, such as a cage, room, pen, run, stall, pool, or hutch.

Professionally accepted standards means a level of practice established as acceptable by a body of qualified persons of the veterinary medical profession.

Psychological trauma means an episode of exposure to stressful conditions resulting in significant behavioral abnormality including, but not limited to, manifestations of unaccustomed aggressiveness, self-mutilation, or refusal of food or water.

Raptor means a live migratory bird of the order Falconiformes or the order Strigiformes.

Sanitize means to make physically clean and, as far as possible, free of toxic or infectious agents injurious to the health of wild mammals or birds.

Scheduled departure time means the time listed on a timetable of departures and arrivals or, in the absence of a timetable, the time of departure agreed to by a carrier and shipper.

Shipper means any person, other than a carrier, involved in the transport of wild animals to the United States regardless of the purpose of such transport; e.g., exporter, importer, or agent.

Terrestrial mammals means mammals other than marine mammals.

Transport means to move, convey, carry, or ship by any means, or to deliver or receive for the purpose of movement, carriage, or shipment, by air, land, or sea.

Transporting device means any vehicle or device used to transport an animal between a conveyance and a terminal facility, in and around a terminal facility of a carrier, or within a conveyance.

Unweaned means a bird or mammal incapable of feeding itself independently.

Wild means the same as fish or wildlife, as defined in §10.12 of this chapter.

§ 14.103 Prohibitions.

Unless the requirements of this subpart are fully satisfied and all other
legal requirements are met, it is unlawful for any person to transport to the United States, cause to be transported to the United States any live wild mammal or bird. It shall be unlawful for any person to import, to transport, or to cause or permit to be transported to the United States any wild mammal or bird under inhumane or unhealthful conditions or in violation of this subpart.

§ 14.104 Translations.
Any certificate or document required by this subpart to accompany a mammal or bird transported to the United States and written in a foreign language must be accompanied by an accurate English translation.

§ 14.105 Consignment to carrier.
(a) No carrier shall accept any live wild mammal or bird for transport to the United States that has not been examined within 10 days prior to commencement of transport to the United States by a veterinarian certified as qualified by the national government of the initial country from which the mammal or bird is being exported. If the national government of such country does not certify veterinarians, then the veterinarian must be certified or licensed by a local government authority designated by the national government as authorized to certify veterinarians.

(b)(1) A certificate of veterinary medical inspection, signed by the examining veterinarian, stating that the animal has been examined, is healthy, appears to be free of any communicable disease, and is able to withstand the normal rigors of transport must accompany the mammal or bird; the certificate should include the veterinarian’s license number, certification number, or equivalent. A mammal in the last third of its pregnancy, if this is detectable using professionally accepted standards, shall not be accepted for transport to the United States except for medical treatment and unless the examining veterinarian certifies in writing that the animal has been examined, the state of pregnancy has been evaluated, and that, despite the medical condition requiring treatment, the animal is physically able to withstand the normal rigors of transportation to the United States.

(b)(2) A nursing mother with young, an unweaned mammal unaccompanied by its mother, or an unweaned bird shall be transported only if the primary purpose is for needed medical treatment and upon certification in writing by the examining veterinarian that the treatment is necessary and the animal is able to withstand the normal rigors of transport. Such an unweaned mammal or bird shall not be transported to the United States for medical treatment unless it is accompanied at all times by and completely accessible to a veterinary attendant.

(c) A sick or injured wild mammal or bird shall be permitted transport to the United States only if the primary purpose of such transport is for needed medical treatment and upon certification in writing by the examining veterinarian that the treatment is necessary and the animal is able to withstand the normal rigors of travel in its present condition. A sick or injured animal shall be accompanied at all times throughout the transport process by a veterinary attendant qualified to care for and treat it, with continuous access to the animal. This individual shall be in possession of or have ready access to all medications to be administered during the transport.

(d) No carrier shall accept any wild mammal or bird for transport to the United States present by the shipper less than 2 hours or more than 6 hours prior to the scheduled departure of the conveyance on which it is to be transported. The carrier shall notify the crew of the presence of live animal shipments.

§ 14.106 Primary enclosures.
No carrier shall accept for transport to the United States any live wild mammal or bird in a primary enclosure that does not conform to the following requirements:

(a) The Container Requirements of the Live Animal Regulations (LAR), 20th edition, October 1, 1993, published by the International Air Transport Association (IATA) shall be complied with by all parties transporting wild mammals or birds to the United States.
§ 14.106

States. The incorporation by reference of the LAR was approved by the Director of the FEDERAL REGISTER in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies may be obtained from IATA, 2000 Peel St., Montreal, Quebec, Canada H3A 2R4. Copies may be inspected at the U.S. Fish and Wildlife Service, 4401 N. Fairfax Dr., Arlington, VA 22203 or at the Office of the FEDERAL REGISTER, 800 North Capitol Street, NW., suite 700, Washington, DC.

(b) A primary enclosure shall be constructed so that—

(1) The strength of the enclosure is sufficient to contain the mammal or bird and to withstand the normal effects of transport;

(2) The interior of the enclosure is free from any protrusion that could be injurious to the mammal or bird within;

(3) No part of the animal can extend or protrude outside of the primary enclosure which may result in injury to the contained animal, to nearby persons or animals, or to handlers of the primary enclosure;

(4) Access to the primary enclosure is closed and secured with an animal-proof device designed to prevent accidental opening and release of the mammal or bird;

(5) The opening of the enclosure is easily accessible for either emergency removal or inspection of the mammal or bird by authorized personnel without the risk of escape of the mammal or bird;

(6) The enclosure has sufficient openings to ensure adequate circulation of air at all times.

(7) The material of which the primary enclosure is constructed is not treated with any paint, preservative, or other chemical that is injurious or otherwise harmful to the health or well-being of mammals and birds.

(c) Unless the enclosure is permanently affixed in the conveyance or has an open top for certain large mammals, spacer bars allowing circulation of air around the enclosure shall be fitted to the exterior of its top, sides, and base. Spacer bars on an enclosure need extend no more than 6 inches (15 centimeters) from the surface of the enclosure. Within this 6 inch limit, the spacers on an enclosure containing one animal shall extend a distance equal to at least 10 percent of the longer dimension of the surface to which they are attached, and the spacers on an enclosure containing more than one animal shall extend a distance equal to at least 20 percent of the longer dimension of the surface to which they are attached. Hand-holds may serve as spacer bars for the sides of the enclosure to which they are attached. A primary enclosure constructed with one or more slanted or curved walls containing ventilation openings need not be fitted with spacer bars on such walls.

(d) An enclosure that is not permanently affixed within the conveyance shall have adequate hand-holds or other devices for lifting by hand or to facilitate lifting and carrying by machine. Such hand-holds or other devices shall be made an integral part of the enclosure, shall enable it to be lifted without excessive tipping, and shall be designed so that the person handling the enclosure will not come in contact with the animals contained therein.

(e) An enclosure shall have a solid, leak-proof bottom or removable, leak-proof collection tray under a slatted or wire mesh floor. The slatted or wire mesh floor shall be designed and constructed so that the spaces between the slats or the holes in the mesh cannot trap the limbs of animals contained within the enclosure. An enclosure for mammals shall contain unused absorbent litter on the solid bottom or in the leak-proof tray in sufficient quantity to absorb and cover excreta. This litter shall be safe and nontoxic and shall not resemble food normally consumed by the mammals. An enclosure used to transport marine mammals in water, in a waterproof enclosure, a sling, or on foam is exempt from the requirement to contain litter. An enclosure used to transport birds shall not contain litter, unless it is specified in writing by the examining veterinarian as medically necessary.

(f) If an enclosure has been previously used to transport or store wild mammals or birds, it shall have been cleaned and sanitized in a manner that will destroy pathogenic agents and
§ 14.108 Food and water.

(a) No carrier shall accept any wild mammal or bird for transport to the United States unless written instructions from the shipper concerning the animal’s food and water requirements are securely affixed to the outside of its primary enclosure. Such instructions shall be consistent with professionally accepted standards of care and include specifically the quantity of water required, the amount and type of food required, and the frequency of feeding and watering necessary to ensure that the animal is transported humanely and healthfully.

(b) A mammal or bird requiring drinking water shall have uncontaminated water suitable for
§ 14.109 Care in transit.

(a) During transportation to the United States, including any stopovers during transport, the carrier shall visually inspect each primary enclosure not less than once every 4 hours, or in the case of air transport, every 4 hours whenever the cargo hold is accessible. During such inspections, the carrier shall verify that the ambient air temperature is within allowable limits (see §14.109(b)), that enclosures have not been damaged, that adequate ventilation is being provided, and when transport is by air, that air pressure suitable to support live animals is maintained within the cargo area (pressure equivalent to a maximum altitude of 8000 feet). During these observations the carrier shall also determine whether any animals are in obvious distress as described in documents attached to the enclosure. The absence of such a document or the absence of information as to signs of distress shall not remove this responsibility. The carrier shall attempt to correct any condition causing distress and shall consult the shipper concerning any possible need for veterinary care if no veterinary attendant is traveling with the shipment; if the shipper cannot be reached in the case of an emergency, qualified veterinary care should be provided. A veterinarian or qualified attendant traveling with the shipment shall be provided access to the animal.

(b) Unless otherwise specified in writing by the examining veterinarian, the ambient air temperature in a holding area, transporting device, conveyance or terminal facility containing mammals or birds shall not be allowed to fall below 12.8 degrees C (55 degrees F) nor to exceed 26.7 degrees C (80 degrees F). Auxiliary ventilation shall be provided when the ambient air temperature is 23.9 degrees C (75 degrees F) or higher. In the case of penguins and auks, the ambient air temperature shall not be allowed to exceed 18.3 degrees C (65 degrees F) at any time, and auxiliary ventilation shall be provided when the ambient air temperature exceeds 15.6 degrees C (60 degrees F). In the case of polar bears and sea otters, ambient air temperature shall not be allowed to exceed 10 degrees C (50 degrees F).

§ 14.110 Terminal facilities.

(a) Any terminal facility used for wild mammal or bird transport in the country of export, stopover countries, or the United States shall contain an animal holding area or areas. No carrier or shipper shall co-mingle live animal shipments with inanimate cargo in an animal holding area.

(b) A carrier or shipper holding any wild mammal or bird in a terminal facility shall provide the following:

1. A holding area cleaned and sanitized so as to destroy pathogenic agents, maintained within the cargo area. No carrier or shipper shall co-mingle live animal shipments with inanimate cargo in an animal holding area.

2. An effective program for the control of insects, ectoparasites, and pests of mammals or birds;

3. Sufficient fresh air to allow the animals to breathe normally with ventilation maintained so as to minimize drafts, odors, and moisture condensation;

4. Ambient air temperatures maintained within prescribed limits as specified in §14.109(b).
§ 14.111 Handling.
(a) Care shall be exercised to avoid handling the primary enclosure in a manner likely to cause physical or psychological trauma to the mammal or bird.
(b) A primary enclosure used to move any mammal or bird shall not be dropped, tipped excessively, or otherwise mishandled, and shall not be stacked or placed in a manner that may reasonably be expected to result in its falling or being tipped.
(c) Animals incompatible with one another shall not be crated together or held in close proximity.
(d) Transport of mammals or birds to the United States shall be accomplished by the carrier in the most expeditious manner, with the fewest stopovers possible, and without unnecessary delays.
(e) Consistent with other procedures and requirements of the carrier, live wild mammals or birds shall be last loaded and first unloaded from a conveyance.
(f) A carrier shall not allow mammals or birds to remain for extended periods of time outside a holding area and shall move them between a holding area and a conveyance as expeditiously as possible, and without unnecessary delays.
§ 14.112 Other applicable provisions.
In addition to the provisions of §§14.101-14.111, the requirements of §§14.121-14.172 applicable for particular groups of animals shall be met for all shipments of wild mammals and birds covered by this part.

SPECIFICATIONS FOR NONHUMAN PRIMATES
§ 14.121 Primary enclosures.
(a) No more than one primate shall be transported in a primary enclosure. However, a mother and her nursing young being transported to the United States for medical treatment, an established male-female pair, a family group, a pair of juvenile animals that have not reached puberty, or other pairs of animals that have been habitually housed together may be shipped in the same primary enclosure. Primates of different species shall not be shipped together in the same enclosure.
(b) A primary enclosure used to transport a primate shall be large enough to ensure that the animal has sufficient space to turn around freely in a normal manner, lie down, stand up (as appropriate for the species), and sit in a normal upright position without its head touching the top of the enclosure, or transporting them to or from a holding area or between a holding area and a conveyance, shall provide the following:
(1) Shelter from sunlight. When sunlight is likely to cause overheating or discomfort, sufficient shade shall be provided to protect animals from the direct rays of the sun.
(2) Shelter from precipitation. Animals shall be provided protection so that they remain dry during rain, snow, or other forms of precipitation.
(3) Shelter from cold. Animals shall be provided protection from cold. Protection shall include, but not be limited to, that provided by covering and/or heating of transporting devices, holding areas, conveyances or terminal facilities.
(4) Protection from harassment. Animals shall be protected from disturbances, including, but not limited to, harassment by humans, other animals, or machinery that makes noise, emits fumes, heat, or light, or causes vibration.

§ 14.122 Other applicable provisions.
In addition to the provisions of §§14.101-14.111, the requirements of §§14.121-14.172 applicable for particular groups of animals shall be met for all shipments of wild mammals and birds covered by this part.
§ 14.122 Food and water.

(a) A nonhuman primate shall be provided water suitable for drinking within 4 hours prior to commencement of transport to the United States unless the shipper's written instructions direct otherwise. A carrier shall provide suitable drinking water to any primate at least every 12 hours after acceptance for transport to the United States, unless instructed in writing to do so more frequently by the shipper.

(b) After acceptance for transport, and unless otherwise instructed in writing by the shipper, a carrier shall provide suitable food to any nonhuman primate at least once every 12 hours.

§ 14.123 Care in transit.

(a) A primate shall be observed for signs of distress and given food and water according to the shipper's instructions during any intermediate stop that lasts more than 4 hours.

(b) Care shall be taken to keep enclosures containing primates sufficiently separated in the conveyance or holding area to minimize the risk of spread of disease from one species or shipment to another.

SPECIFICATIONS FOR MARINE MAMMALS (CETACEANS, SIRENIANS, SEA OTTERS, PINNIPEDS, AND POLAR BEARS)

§ 14.131 Primary enclosures.

(a) A primary enclosure that is not open on top shall have air inlets situated at heights that provide cross ventilation at all levels and that are located on all four sides of the enclosure. Such ventilation openings shall comprise not less than 20 percent of the total surface area of each side of the enclosure.

(b) Straps, slings, harnesses, or other such devices used for body support or restraint when transporting marine mammals such as cetaceans or sireni ans shall meet the following requirements:

1. The devices shall not prevent attendants from having access to the mammal to administer care during transportation;

2. The devices shall be equipped with sufficient padding to prevent trauma or injury at points of contact with the mammal’s body;

3. Slings or harnesses shall allow free movement of flippers outside of the harness or sling;

4. The devices shall be capable of preventing the mammal from thrashing about and causing injury to itself, handlers, or other persons, but shall be designed so as not to cause injury to the mammal.

5. A primary enclosure used to transport marine mammals shall be large enough to assure the following:

1. A sea otter or polar bear has sufficient space to turn about freely with all four feet on the floor and to sit in an upright position, stand, or lie in a natural position;

2. A pinniped has sufficient space to lie in a natural position;

3. If a sling, harness, or other supporting device is used, there are at least 3 inches (7.5 centimeters) of clearance between any body part and the primary enclosure;

4. A marine mammal may be restricted in its movements according to professionally accepted standards of care when freedom of movement would constitute a danger to the animal or to handlers or other persons.

5. All marine mammals contained in a given primary enclosure shall be of the same species and be maintained in compatible groups. A marine mammal that has not reached puberty shall not be transported in the same primary enclosure with an adult marine mammal other than its mother. Socially dependent animals (e.g., siblings, mother, and offspring) transported in the same conveyance shall be allowed visual and, when appropriate for the species, olfactory contact. A female marine mammal shall not be transported in the same primary enclosure with any mature male marine mammal.

§ 14.132 Food and water.

A marine mammal shall not be transported for more than a period of 36 hours without being offered suitable food unless the shipper's written instructions or the shipper's attendant travelling with the mammal direct otherwise. After feeding, a marine
mammal shall be rested for 6 hours prior to resuming transport.

§ 14.133 Care in transit.

(a) Any marine mammal shall be accompanied, in the same conveyance, by the shipper or an authorized representative of the shipper knowledgeable in marine mammal care to provide for the animal’s health and well-being. The shipper or representative shall observe such marine mammals to determine whether or not they need veterinary care and shall provide or obtain any needed veterinary care as soon as possible. Care during transport shall include the following (on a species-specific basis):

(1) Keeping the skin moist or preventing the drying of the skin by such methods as covering with wet cloths, spraying it with water or applying a nontoxic emollient;

(2) Assuring that the pectoral flippers (when applicable) are allowed freedom of movement at all times;

(3) Making adjustments in the position of the mammal when necessary to prevent necrosis of the skin at weight pressure points; and

(4) Calming the mammal to prevent struggling, thrashing, and other activity that may cause overheating or physical trauma.

(b) Unless otherwise directed by a shipper or authorized representative, at least one-half of the floor area in a primary enclosure used to transport sea otters to the United States shall contain sufficient crushed ice or ice water to provide each otter with moisture necessary to maintain its hair coat by preventing it from drying and to minimize soiling of the hair coat with urine and fecal material.

(c) A marine mammal exhibiting excited or otherwise dangerous behavior shall not be taken from its primary enclosure except under extreme emergency conditions and then only by the shipper or other authorized individual who is capable of handling the animal safely.

§ 14.142 Primary enclosures.

(a) Except as provided in §14.106(j), ventilation openings must be located on at least two walls of a primary enclosure. When the required ventilation openings are located on two opposite walls of the primary enclosure, these ventilation openings shall comprise at least 16 percent of the total surface area of each ventilated wall. When ventilation openings are located on all four walls of the primary enclosure, the openings shall comprise at least 8 percent of the total surface area of each wall. At least one-third of the minimum area required for ventilation shall be located on the lower one-half of the primary enclosure and at least one-third of the total minimum area required for ventilation shall be located on the upper one-half of the primary enclosure.

(b) No more than one elephant or ungulate shall be transported in a primary enclosure, except that: a mother and nursing young may be shipped in the same primary enclosure if the shipment complies with the provisions of §14.105(b); in the case of land or sea transport, a pair of juvenile elephants or ungulates or other pairs that have been habitually housed together may be shipped in the same primary enclosure.

(c) A primary enclosure used to transport an elephant or ungulate shall be large enough to allow the animal to lie or stand in a natural upright position with the head extended, but not large enough for the animal to roll over.

(d) A primary enclosure used to transport an elephant or ungulate with horns or tusks shall be designed and constructed to prevent the horns or
§ 14.151 Primary enclosures.

(a) Except as provided in § 14.106(j), ventilation openings must be located on at least two walls of a primary enclosure. When the required ventilation openings are located on two opposite walls of the primary enclosure, these ventilation openings shall comprise at least 16 percent of the total surface area of the ventilated wall. When ventilation openings are located on all four walls, the openings shall comprise at least 8 percent of the total surface area of each wall. At least one-third of the total minimum area required for ventilation shall be located on the upper one-half of the primary enclosure.

(b) No more than one sloth, bat, or flying lemur (Cynocephalidae) shall be transported in a primary enclosure. However, a mother and her nursing young being transported for medical reasons, an established male-female pair, a family group, a pair of juvenile animals that have not reached puberty, or other small groups of animals that have been habitually housed together may be shipped in the same primary enclosure.

(c) A primary enclosure used to transport sloths, bats, or flying lemurs shall be large enough to ensure that each animal has sufficient space to move freely and in a normal manner and shall have a wide perch, bar, or mesh of suitable strength fitted under the top of the enclosure and spaced from it in such a way that the animals may hang from it freely in a natural position.

§ 14.161 Primary enclosures.

(a) Except as provided in § 14.106(j), ventilation openings must be located on at least two walls of a primary enclosure. When the required ventilation openings are located on two opposite walls of the primary enclosure, these ventilation openings shall comprise at least 16 percent of the total surface area of each ventilated wall. When openings are located on all four walls of the enclosure, the openings shall comprise at least 8 percent of the total surface area of each wall. At least one-third of the minimum area required for ventilation shall be located on the lower one-half of the enclosure, and at least one-third of the total minimum area required for ventilation shall be located on the upper one-half of the enclosure.

(b) No more than one terrestrial mammal (other than rodents) shall be transported in a primary enclosure. However, a mother and her nursing young may be shipped in the same primary enclosure if the shipment complies with the provisions of § 14.105(b).

(c) More than one rodent may be transported in the same primary enclosure if they are members of the same species and are maintained in compatible groups. Rodents that are incompatible shall be transported in individual primary enclosures that are stored and transported so they are visually separated. A female with young being transported for medical reasons shall not be placed in a primary enclosure with other animals. The following chart specifies maximum densities minimum space for transporting rodents that fall within the specified weight limitations. Max. No. refers to maximum number per primary enclosure; Space/animal refers to minimum area of floor space per animals. Rodents weighing more than 5,000 grams shall be transported in individual enclosures.
DENSITY GUIDELINES FOR RODENTS

<table>
<thead>
<tr>
<th>wt. in grams of rodent:</th>
<th>Max. Space/Animal cm²</th>
<th>Ht. of Box cm in</th>
</tr>
</thead>
</table>
| 220 or less            | 20 194 30 15 6        | (d) A primary enclosure used to transport terrestrial mammals shall be large enough to ensure that each animal has sufficient space to turn around freely in a normal manner. The height of the primary enclosure shall provide adequate space for the animal to stand upright in a normal posture with space above its head. The length of the primary enclosure shall be great enough to enable the animal to lie in a full prone position.

SPECIFICATIONS FOR BIRDS

§ 14.171 Consignment to carrier.

(a) A personally owned pet bird originally transported from the United States and being returned to this country with its original United States certificate of veterinary inspection within 60 days of departure may be accepted by a carrier without a new veterinary examination.

(b) No carrier shall accept for transport to the United States any bird that was captured in the wild unless a qualified veterinarian, authorized by the national government of the country from which the bird is being exported, certifies that the bird has been held in captivity for at least 14 days.

§ 14.172 Primary enclosures.

(a) A primary enclosure for birds shall have ventilation openings on two vertical sides that comprise at least 16 percent of the surface area of each side and are positioned so as to decrease the likelihood of creating a draft.

(b) Perches shall be provided for birds that rest by perching. The diameter of the perch shall be sufficient to permit the birds to maintain a firm, comfortable grip. Perches shall be placed so that droppings do not fall into food or water troughs or onto other perched birds. There shall be enough head room to allow the birds to move onto and off the perches without touching the top of the enclosure.

(c) An enclosure used to transport one or more birds that rest by perching shall be large enough to ensure that sufficient perch space is available for all birds to perch comfortably at the same time. No more than 50 birds that rest by perching shall be transported in one primary enclosure, with the exception of large birds (longer than 23 cm, or 9 inches), which are limited to a maximum of 25 per primary enclosure.

(d) A primary enclosure used to transport a raptorial bird shall be large enough to transport the bird comfortably and to permit it to turn around without stretching its wings to the fullest extent. Only one raptorial bird shall be contained in a primary enclosure.

(e) A primary enclosure containing nonraptorial birds that do not rest by perching shall be large enough for the birds to turn around, to lie down, to stand erect, and to change posture in a normal manner.

(f) Nectar-feeding birds shall either be transported in a primary enclosure equipped with feeding bottles accessible from outside the enclosure for replenishment or hand-carried and fed in accordance with the written instructions of the shipper.

(g) Birds transported in the same primary enclosure shall be of the same species and be compatible with one another. Birds that are incompatible shall be placed in individual primary enclosures and these enclosures shall not be stored or transported in visual proximity to one another.

PART 15—WILD BIRD CONSERVATION ACT

Subpart A—Introduction and General Provisions

Sec. 15.1 Purpose of regulations.
15.2 Scope of regulations.
15.3 Definitions.
15.4 Information collection requirements.

Subpart B—Prohibitions and Requirements

15.11 Prohibitions.
15.12 Requirements.
Subpart C—Permits and Approval of Cooperative Breeding Programs

15.21 General application procedures.
15.22 Permits for scientific research.
15.23 Permits for zoological breeding or display programs.
15.24 Permits for cooperative breeding.
15.25 Permits for personal pets.
15.26 Approval of cooperative breeding programs.

Subpart D—Approved List of Species Listed in the Appendices to the Convention

15.31 Criteria for including species in the approved list for captive-bred species.
15.32 Criteria for including species in the approved list for non-captive-bred species.
15.33 Species included in the approved list.

Subpart E—Qualifying Facilities Breeding Exotic Birds in Captivity

15.41 Criteria for including facilities as qualifying for imports. [Reserved]
15.42 List of foreign qualifying breeding facilities. [Reserved]

Subpart F—List of Prohibited Species Not Listed in the Appendices to the Convention

15.51 Criteria for including species and countries in the prohibited list. [Reserved]
15.52 Species included in the prohibited list. [Reserved]
15.53 Countries of export included in the prohibited list. [Reserved]


SOURCE: At 58 FR 60536, Nov. 16, 1993, unless otherwise noted.

Subpart A—Introduction and General Provisions

§ 15.1 Purpose of regulations.


§ 15.2 Scope of regulations.

(a) The regulations in this part apply to all species of exotic birds, as defined in section 15.3.

(b) The provisions in this part are in addition to, and are not in lieu of, other regulations of this subchapter B that may require a permit or prescribe additional restrictions or conditions for the import, export, reexport, and transportation of wildlife.

§ 15.3 Definitions.

In addition to the definitions contained in parts 10 and 23 of this subchapter B, and unless the context requires otherwise, in this part:

Documentation means a description of how scientific information was collected, including the methodologies used; names and institutions of individuals conducting the work; dates and locations of any study; and any published results or reports from the work.

Exotic bird means any live or dead member of the Class Aves that is not indigenous to the 50 States or the District of Columbia, including any egg or offspring thereof, but does not include domestic poultry, dead sport-hunted birds, dead museum specimens, dead scientific specimens, products manufactured from such birds, or birds in any of the following families: Phasianidae, Numididae, Cracidae, Meleagrididae, Megapodiidae, Anatidae, Struthionidae, Rheidae, Dromaiinae, and Gruidae.

Indigenous means a species that is naturally occurring, not introduced as a result of human activity, and that currently regularly inhabits or breeds in the 50 States or the District of Columbia.

Life cycle means the annual processes involved with breeding, migration, and all other non-breeding activities.

Person means an individual, corporation, partnership, trust, association, or any other private entity; or any officer, employee, agent, department, or instrumentality of the Federal Government, of any State, municipality, or political subdivision of a State, or of any foreign government; any State, municipality, or political subdivision of a State; or any other entity subject to the jurisdiction of the United States.

Species means any species, any subspecies, or any district population segment of a species or subspecies, and includes hybrids of any species or subspecies. Hybrids will be treated according to the more restrictive appendix or category in which either parental species is listed.
Status means a qualitative measure of the vulnerability to extinction or ex- tinction of a population at a given time (e.g., endangered, threatened, vul- nerable, non-threatened, or insufficiently known).

Sustainable use means the use of a species in a manner and at a level such that populations of the species are maintained at biologically viable levels for the long term and involves a determination of the productive capacity of the species and its ecosystem, in order to ensure that utilization does not exceed those capacities or the ability of the population to reproduce, maintain itself and perform its role or function in its ecosystem.

Trend means a long-term assessment of any change in the absolute or relative size of a species’ population or habitat over time (e.g., increasing, decreasing, at equilibrium, insufficiently known).

United States means the 50 States, the District of Columbia, the Common- wealth of Puerto Rico, American Samoa, the Virgin Islands, Guam, the Commonwealth of the Northern Mariana Islands, and the Trust Territory of the Pacific Islands.

§ 15.11 Prohibitions.

(a) Except as provided under a permit issued pursuant to subpart C of this part, it is unlawful for any person subject to the jurisdiction of the United States to commit, attempt to commit, to solicit another to commit, or to cause to be committed, any of the acts described in paragraphs (b) through (f) of this section in regard to any exotic bird.

(b) It is unlawful to import into the United States any exotic bird species listed in the Appendices to the Convention that is not included in the approved list of species, pursuant to subpart D of this part, except that this paragraph (b) does not apply to any exotic bird that was bred in a foreign breeding facility listed as qualifying pursuant to subpart E of this part.

(c) It is unlawful to import into the United States any exotic bird species not listed in the Appendices to the Convention that is listed in the prohibited species list, pursuant to subpart F of this part.

(d) It is unlawful to import into the United States any exotic bird species from any country included in the prohibited country list, pursuant to subpart F of this part.

(e) It is unlawful to import into the United States any exotic bird species from a qualifying facility breeding exotic birds in captivity, listed pursuant to subpart E of this part, if the exotic bird was not captive-bred at the listed facility.
§ 15.12

(f) It is unlawful for any person subject to the jurisdiction of the United States to engage in any activity with an exotic bird imported under a permit issued pursuant to this part that violates a condition of said permit.


§ 15.12 Requirements.

(a) No person shall import into the United States any exotic bird except as may be permitted under the terms of a valid permit issued pursuant to the provisions of subpart C of this part and 50 CFR part 13, or in accordance with the provisions of subparts D-F of this part 15, or in accordance with the provisions of paragraph (b) of this section.

(b) Any exotic bird can be imported to the United States if it was legally exported from the United States with a permit issued by the Service's Office of Management Authority, provided that the import is by the same person who exported the bird, the import is accompanied by a copy of the cleared CITES export permit or certificate issued by the Service that was used to export the exotic bird, and the Service is satisfied that the same bird is being imported as is indicated on the aforementioned permit or certificate.

Subpart C—Permits and Approval of Cooperative Breeding Programs

§ 15.21 General application procedures.

(a) The Director may issue a permit authorizing the importation of exotic birds otherwise prohibited by §15.11, in accordance with the issuance criteria of this subpart, for the following purposes only: Scientific research; zoological breeding or display programs; cooperative breeding programs designed to promote the conservation and maintenance of the species in the wild; or personally owned pets accompanying persons returning to the United States after being out of the country for more than 1 year.

(b) Additional requirements as indicated in parts 13, 14, 17, 21, and 23 of this subchapter must also be met.

(c) A person wishing to obtain a permit under this subpart or approval of cooperative breeding programs under this subpart submits an application to the Director, U.S. Fish and Wildlife Service (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and all of the information specified in the applicable section §§15.22 through 15.26.

[58 FR 60536, Nov. 16, 1993, as amended at 63 FR 52634, Oct. 1, 1998]

§ 15.22 Permits for scientific research.

(a) Application requirements for permits for scientific research. Each application shall provide the following information and such other information that the Director may require:

(1) A description of the exotic bird(s) to be imported, including:

(i) The common and scientific names of the species, number, age or age class, and, when known, sex; and

(ii) A statement as to whether, at the time of the application, the exotic bird is still in the wild, has already been removed from the wild, or was bred in captivity;

(2) If the exotic bird is in the wild or was taken from the wild, include:

(i) The country and region where the removal will occur or occurred;

(ii) A description of the status of the species in the region of removal; and

(iii) A copy of any foreign collecting permit or authorizing letter, if applicable;

(3) If the exotic bird was bred in captivity, include:

(i) Documents or other evidence that the bird was bred in captivity, including the name and address of the breeder, and when known, hatch date and identity of the parental birds; and

(ii) If the applicant is not the breeder, documentation showing the bird was acquired from a breeder and a history of multiple transactions, if applicable;

(4) A statement of the reasons the applicant is justified in obtaining a permit, and a complete description of the scientific research to be conducted on the exotic bird requested, including:
(i) Formal research protocol with timetable;
(ii) The relationship of such research to the conservation of the species in the wild;
(iii) A discussion of possible alternatives and efforts to obtain birds from other sources; and
(iv) Plans for disposition of the exotic birds and any progeny upon completion of the research project;
(5) Qualifications of the scientific personnel conducting the proposed research, including applicable experience and a description of relevant past research conducted;
(6) A description of the care and maintenance of the exotic bird, and how the facility meets professionally recognized standards, including:
   (i) The name and address of the facility where the exotic bird will be maintained;
   (ii) Dimensions of existing enclosures for the birds to be imported and number of birds to be housed in each; and
   (iii) Husbandry practices.
(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in part 13 of this subchapter, the following factors;
(1) Whether the purpose of the scientific research is adequate to justify removing the exotic bird from the wild or otherwise changing its status;
(2) Whether the proposed import would be detrimental to the survival of the exotic bird species in the wild, including whether the exotic bird was bred in captivity or was (or will be) taken from the wild, taking into consideration the conservation status of the species in the wild;
(3) Whether the permit, if issued, would conflict with any known program intended to enhance the survival of the population from which the exotic bird was or would be removed;
(4) Whether the research for which the permit is required has scientific merit;
(5) Whether the expertise, facilities, or other resources available to the applicant appear adequate for proper care and maintenance of the exotic bird and to successfully accomplish the research objectives stated in the application.
(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to special conditions as the Director may deem appropriate.
(d) Duration of permits. The duration of the import permits issued under this section shall be designated on the face of the permit, but in no case will these permits be valid for longer than one year.

§ 15.23 Permits for zoological breeding or display programs.

(a) Application requirements for permits for zoological breeding or display programs. Each application shall provide the following information and such other information that the Director may require:
(1) A description of the exotic bird(s) to be imported, including:
   (i) The common and scientific names of the species, number, age or age class, and, when known, sex; and
   (ii) A statement as to whether, at the time of the application, the exotic bird is still in the wild, has already been removed from the wild, or was bred in captivity;
(2) If the exotic bird is in the wild or was taken from the wild include:
   (i) The country and region where the removal will occur or occurred;
   (ii) A description of the status of the species in the region of removal; and
   (iii) A copy of any foreign collecting permit or authorizing letter, if applicable;
(3) If the exotic bird was bred in captivity, include:
   (i) Documents or other evidence that the bird was bred in captivity, including the name and address of the breeder, and when known, identity of the parental birds, and hatch date; and
   (ii) If the applicant is not the breeder, documentation showing the bird was acquired from a breeder and a history of multiple transactions, if applicable;
(4) A statement of the reasons the applicant is justified in obtaining a permit, and a complete description of the

VerDate 23<NOV>98 09:45 Dec 09, 1998 Jkt 179206 PO 00000 Frm 00075 Fmt 8010 Sfmt 8010 Y:\SGML\179206T.XXX pfrm02 PsN: 179206T
§ 15.24 Permits for cooperative breeding.

(a) Application requirements for permits for cooperative breeding. Each application shall provide the following information and such other information that the Director may require:

(1) A description of the exotic bird(s) to be imported, including:
   (i) The common and scientific names of the species, number, age or age class, and, when known, sex; and
   (ii) A statement as to whether, at the time of the application, the exotic bird is still in the wild, has already been removed from the wild, or was bred in captivity;

(2) If the exotic bird is still in the wild or was taken from the wild include;
   (i) The country and region where the removal will occur or occurred;
   (ii) A description of the status of the species in the region of removal; and

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in part 13 of this subchapter, the following factors:

(1) Whether the zoological breeding or display program is adequate to justify removing the exotic bird from the wild or otherwise changing its status;

(2) Whether the proposed import would be detrimental to the survival of the exotic bird species in the wild, including whether the exotic bird was bred in captivity or was (or will be) taken from the wild, taking into consideration the conservation status of the species in the wild;

(3) Whether the permit, if issued, would conflict with any known program intended to enhance the survival of the population from which the exotic bird was or would be removed;

(4) Whether the breeding or display program for which the permit is required has conservation merit; and

(5) Whether the expertise, facilities or other resources available to the applicant appear adequate for proper care and maintenance of the exotic bird and to successfully accomplish the zoological breeding or display objectives stated in the application.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to special conditions as the Director may deem appropriate.

(d) Duration of permits. The duration of the import permits issued under this section shall be designated on the face of the permit, but in no case will these permits be valid for longer than one year.
§ 15.24

(iii) A copy of any foreign collecting permit or authorizing letter, if applicable;

(3) If the exotic bird was bred in captivity, include;
   (i) Documents or other evidence that the bird was bred in captivity, including the name and address of the breeder, when known, the identity of the parental birds and hatch date; and
   (ii) If the applicant is not the breeder, documentation showing the bird was acquired from the breeder and a history of multiple transactions, if applicable;

(4) A statement of the reasons the applicant is justified in obtaining a permit, and a statement detailing the applicant’s participation in a cooperative breeding program approved under section 15.26 of this chapter, including;
   (i) Copies of any signed agreements or protocols with the monitoring avicultural, conservation, or zoological organization overseeing the program; and
   (ii) Applicable records of the cooperative breeding program of any other birds imported, their progeny, and their disposition;

(5) A complete description of the relationship of the exotic bird to the approved cooperative breeding program, including;
   (i) A statement of the role of the exotic bird in a breeding protocol;
   (ii) A plan for maintaining a self-sustaining captive population of the exotic bird species;
   (iii) Details on recordkeeping; and
   (iv) Plans for disposition of the exotic birds and any progeny produced during the course of this program.

(6) A statement outlining the applicant’s attempts to obtain the exotic bird in a manner that would not cause its removal from the wild, and attempts to obtain the specimens of the exotic bird species from stock available in the United States;

(7) A description of the care and maintenance of the exotic bird, and how the facility meets professionally recognized standards, including;
   (i) The name and address of the facility where the exotic bird will be maintained;
   (ii) Dimensions of existing enclosures for birds to be imported and number of birds to be housed in each; and
   (iii) Husbandry practices;

(8) A history of the applicant’s past participation in cooperative breeding programs with the same or similar species, including;
   (i) Breeding and inventory records for at least the last two years;
   (ii) Hatching, survival, and mortality records;
   (iii) Causes of any mortalities and efforts made to correct any problems.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in part 13 of this subchapter, the following factors;

(1) Whether the cooperative breeding program is adequate to justify removing the exotic bird from the wild or otherwise changing its status;

(2) Whether the proposed import would be detrimental to the survival of the exotic bird species in the wild, including whether the exotic bird was bred in captivity or was (or will be) taken from the wild, taking into consideration the conservation status of the species in the wild;

(3) Whether the cooperative breeding program for which the permit is required would be likely to enhance or promote the conservation of the exotic bird species in the wild or result in a self-sustaining population of the exotic bird species in captivity; and

(4) Whether the expertise, facilities, or other resources available to the applicant appear adequate for proper care and maintenance of the exotic birds and to successfully accomplish the cooperative breeding objectives stated in the application.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to special conditions as the Director may deem appropriate.

(d) Duration of permits. The duration of the import permits issued under this section shall be designated on the face of the permit, but in no case will these
§ 15.25 Permits for personal pets.

(a) Application requirements for personal pets not intended for sale. No individual may import more than two exotic birds as pets in any year. Each application shall provide the following information and such other information that the Director may require:

(1) A description of the exotic bird to be imported, including:
   (i) The common and scientific names, number, age, and, when known, sex;
   (ii) A band number, house name, or any other unique identifying feature; and
   (iii) A statement as to whether the exotic bird was bred in captivity or taken from the wild;

(2) A statement of the reasons the applicant is justified in obtaining a permit;

(3) Documentation showing that the applicant has continually resided outside the United States for a minimum of one year;

(4) A statement of the number of exotic birds imported during the previous 12 months as personal pets by the applicant;

(5) Information on the origin of the exotic bird, including:
   (i) Country of origin; and
   (ii) A description and documentation of how the exotic bird was acquired, including a copy of any Convention permit under which the bird was re-exported or exported. If there is no such permit, a sales receipt or signed statement from seller with name and address of seller, date of sale, species, and other identifying information on the bird or signed breeder's certificate or statement with name and address of breeder, date of sale or transfer, species and hatch date.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in part 13 of this subchapter, the following factors:

(1) Whether the proposed import would be detrimental to the survival of the exotic bird species in the wild;

(2) Whether the exotic bird to be imported is a personal pet owned by the applicant, who has continuously resided outside the United States for a minimum of one year, and who has no intention to sell the bird; and

(3) Whether the number of exotic birds imported in the previous 12 months by the applicant does not exceed two.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to special conditions that no individual may import more than two exotic birds as personal pets in any year, the exotic birds cannot be sold after importation into the United States, and any other conditions as the Director may deem appropriate.

(d) Duration of permits. The duration of the import permits issued under this section shall be designated on the face of the permit.

§ 15.26 Approval of cooperative breeding programs.

Upon receipt of a complete application, the Director may approve cooperative breeding programs. Such approval will allow individuals to import exotic birds otherwise prohibited by section 15.11, with permits under section 15.24. Such approval for cooperative breeding programs shall be granted in accordance with the issuance criteria of this section.

(a) Application requirements for approval of cooperative breeding programs. Each application shall provide the following information and such other information that the Director may require:

(1) A description of the exotic bird(s) to be imported or to be covered under the program, including the common and scientific names of the species, number, sex ratio (if applicable), and age class;

(2) A statement of the reasons the applicant is justified in obtaining this approval, and a description of the cooperative breeding program requested for the exotic bird species, including:
(i) A breeding protocol, including a genetic management plan and breeding methods;
(ii) A statement on the plans for developing and maintaining a self-sustaining population in captivity of the exotic bird species;
(iii) Details on the system of record-keeping and tracking of birds and their progeny, including how individual specimens will be marked or otherwise identified;
(iv) A statement on the relationship of such a breeding program to the conservation of the exotic bird species in the world;
(v) Details on the funding of this program; and
(vi) Plans for disposition of the exotic birds and any progeny;
(3) A qualification statement for each individual who will be overseeing the cooperative breeding program. This statement should include information on the individual's prior experience with the same or similar bird species. Individuals overseeing the program will be required to demonstrate an affiliation with an avicultural, conservation, or zoological organization;
(4) A statement of the oversight of the program by the avicultural, zoological, or conservation organization, including their monitoring of participation in the program, criteria for acceptance of individuals into the program, and the relationship of the cooperative breeding program to enhancing the propagation and survival of the species; and
(5) A history of the cooperative breeding program, including an annual report for the last 3 years (if applicable), mortality records, breeding records, and a studbook if one has been developed for the species.
(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a cooperative breeding program should be approved. In making this decision, the Director shall consider, in addition to the general criteria in part 13 of this subchapter, the following factors:
(1) Whether the cooperative breeding program for which the approval is requested is adequate to justify removing the exotic bird from the wild or otherwise changing its status;
(2) Whether the granting of this approval would be detrimental to the survival of the exotic bird species in the wild, including whether the exotic birds were bred in captivity or will be taken from the wild, taking into consideration the conservation status of the species in the wild;
(3) Whether the granting of this approval would conflict with any known program intended to enhance the survival of the population from which the exotic bird species was or would be removed;
(4) Whether the cooperative breeding program for which the permit is requested would be likely to enhance or promote the conservation of the exotic bird species in the wild or result in a self-sustaining population of the exotic bird species in captivity; and
(5) Whether the expertise or other resources available to the program appear adequate to successfully accomplish the objectives stated in the application.
(c) Publication in the Federal Register. The Director shall publish notice in the Federal Register of each application submitted under §15.26(a). Each notice shall invite the submission from interested parties of written data, views, or arguments with respect to the application. The Director shall publish periodically a notice as appropriate in the Federal Register of the list of approved cooperative breeding programs.
(d) Approval conditions. In addition to the general conditions set forth in part 13 of this subchapter, every approval issued under this paragraph shall be subject to the special condition that the cooperative breeding program shall maintain records of all birds imported under permits issued under this subpart and their progeny, including their sale or transfer, death, or escape, and breeding success. These records shall be made available to the Service on request and when renewing an approval.
(e) Duration of approval. Cooperative breeding programs shall be approved for two years, at which time applicants may apply to the Service for renewal of a program's approval. Applications for
§ 15.31 Criteria for including species in the approved list for captive-bred species.

The Director will periodically review the list of captive-bred exotic bird species in paragraph 15.33(a), for which importation into the United States is approved. Any exotic bird species listed in paragraph 15.33(a) pursuant to this section must meet all of the following criteria:

(a) All specimens of the species known to be in trade (legal or illegal) are captive-bred;
(b) No specimens of the species are known to be removed from the wild for commercial purposes;
(c) Any importation of specimens of the species would not be detrimental to the survival of the species in the wild; and
(d) Adequate enforcement controls are in place to ensure compliance with paragraphs (a) through (c) of this section.

§ 15.32 Criteria for including species in the approved list for non-captive-bred species.

Upon receipt of a completed sustainable use management plan for a country of export, the Director may approve a species listed in Appendices II or III of the Convention for importation from that country. Such approval shall be granted in accordance with the issuance criteria of this section. All approved species and countries of export will be listed in section 15.33.

(a) Requirements for scientifically-based sustainable use management plans. Sustainable use management plans developed by the country of export should be submitted for species which breed in the country of export. If the species does not breed in the country of export, the Service will consider sustainable use management plans only when the plan is scientifically valid and nesting (breeding) information can be provided from countries in which the species breeds. Sustainable use management plans shall include the following information, and any other information that may be appropriate:

(i) Background information, including the following:

(I) The scientific and common name of the species;
(ii) Letters from the country of export’s Management and Scientific Authorities transmitting the management plan of this species;
(iii) A summary of the country of export’s legislation related to this species and legislation implementing the Convention, and, where appropriate, a summary of implementing regulations;
(iv) A summary, from the country of export’s Management Authority, of the country’s infrastructure and law enforcement and monitoring mechanisms designed to ensure both enforcement of and compliance with the requirements of the management plan, and that the number of birds removed from the wild or exported will be consistent with the management plan;
(v) Recent information on the distribution of the species within the country of export, including scientific references and maps, and historical information on distributions, if relevant; and
(vi) The species’ status and its current population trend in the country of export, including scientific references and copies of the most recent non-detritem findings made by the exporting country’s Scientific Authority.

(2) Habitat information, including:

(i) A general description of habitats used by the species for each portion of the life cycle completed within the country of export;
(ii) Recent information on the size and distribution of these habitats throughout the country of export and in each area or region of take, including scientific references and maps. The approximate location of any reserves that provide protection for this species should be indicated on the accompanying map(s), along with a brief description of how reserves are protected and how that protection is enforced;
(iii) Status and trends of the important habitats used by the species in the country of export as a whole whenever available and within each area or region of take, including scientific references;

(iv) Factors, including management activities, favoring or threatening the species' habitat in the foreseeable future within each area or region of take, and throughout the country of export whenever available, including scientific references; and

(v) A list of management plans that have been or are being planned, developed, or implemented for the species' important habitats, if any.

(3) Information on the role of the species in its ecosystem, including:

(i) A description of the parts of the species' life cycle completed within the country of export;

(ii) A description of nest sites and/or plant communities that are most frequently used for placement of nests and, if applicable, nesting habits;

(iii) A general description of the species' diet and where the species forages (aerial feeder, tree canopy, tree trunk, midstory, understory, open water or other), and seasonal changes in foraging habits, including, when available, scientific references; and

(iv) Information on any species or plant community which is dependent on the occurrence of the exotic bird species.

(4) Population dynamics of the species, including:

(i) Recent population data for the population of the species in the country of export, as derived from indices of relative abundance or population estimates, along with documentation for each estimate;

(ii) Within each area or region of take, documentation for recent population data or estimates, conducted for at least 3 separate years or 1 year with a description of survey plans for future years. These population assessments should have been conducted during the same season (breeding or non-breeding) of each year for which documentation is submitted (i.e., be methodologically comparable—both temporally and spatially);

(iii) Within each area or region of take, a scientific assessment (with documentation) of recent reproductive (nesting) success. This assessment should include information on the number of young produced per egg-laying female per year or per nesting pair, or if scientifically appropriate for the species to be exported, estimates on the number of young produced per year from pre-breeding and post-breeding surveys conducted within the same annual cycle;

(iv) Within each area or region of take, estimation (with documentation) of annual mortality or loss including natural mortality and take for subsistence use, export trade, and domestic trade in each area of take; or

(v) When appropriate, information (with documentation) on the number of young which can be taken from the area, as a result of a conservation enhancement program.

(5) Determination of biologically sustainable use:

(i) Estimation of the number exported from the country during the past 2 years, and the number of birds removed from the wild for export, domestic trade, illegal trade, subsistence use, and other purposes (specific) for the country of export during the past 2 years;

(ii) The estimated number of birds that will be removed from the wild from each area of take each year for all purposes (export trade, domestic trade, illegal trade, and subsistence use), including a description of age-classes (nestlings, fledglings, pre-adults, adults, all classes), when applicable;

(iii) For the projected take addressed in the management plan, a description of the removal process, including, but not limited to, locations, time of year, capture methods, means of transport, and pre-export conditioning;

(iv) Documentation of how each projected level of take was determined;

(v) Explanation of infrastructure and law enforcement and monitoring mechanisms that ensure compliance with the methodology in the management plan and that the species will be removed at a level that ensures sustainable use; and

(vi) Description of how species in each area or region of take will be monitored in order to determine
§ 15.32

whether the number and age classes of birds taken is sustainable.

(6)(i) For species that are considered “pests” in the country of origin: documentation that such a species is a pest, including a description of the type of pest, e.g., agricultural, disease carrier; a description of the damage the pest species causes to its ecosystem; and a description of how the sustainable use management plan controls population levels of the pest species.

(ii) For non-pest species: A description of how the sustainable use management plan promotes the value of the species and its habitats. Incentives for conservation may be generated by environmental education, cooperative efforts or projects, development of cooperative management units, and/or activities involving local communities.

(7) Additional factors:

(i) Description of any existing enhancement activities developed for the species, including, but not limited to, annual banding programs, nest watching/guarding, and nest improvement; and

(ii) Description, including photographs or diagrams, of the shipping methods and enclosures proposed to be used to transport the exotic birds, including but not limited to feeding and care during transport, densities of birds in shipping enclosures, and estimated consignment sizes.

(b) Approval criteria. Upon receiving a sustainable use management plan in accordance with paragraph (a) of this section, the Director will decide whether or not an exotic bird species should be listed as an approved species for importation from the country of export, under section 15.33. In making this decision, the Director will consider in addition to the general criteria in part 13 of this subchapter, all of the following factors for the species:

(1) Whether the country of export is effectively implementing the Convention, particularly with respect to:

(i) Establishment of a functioning Scientific Authority;

(ii) The requirements of Article IV of the Convention;

(iii) Remedial measures recommended by the Parties to the Convention with respect to this and similar species, including recommendations of permanent committees of the Convention; and

(iv) Article VIII of the Convention, including but not limited to establishment of legislation and infrastructure necessary to enforce the Convention, and submission of annual reports to the Convention’s Secretariat;

(2) Whether the country of export has developed a scientifically-based management plan for the species that:

(i) Provides for the conservation of the species and its habitat(s);

(ii) Includes incentives for conservation unless the species is a documented pest species;

(iii) Is adequately implemented and enforced;

(iv) Ensures that the use of the species is:

(A) Sustainable;

(B) Maintained throughout its range at a level that is consistent with the species’ role in its ecosystem; and

(C) Is well above the level at which the species might become threatened;

(v) Addresses illegal trade, domestic trade, subsistence use, disease, and habitat loss; and

(vi) Ensures that the methods of capture, transport, and maintenance of the species minimize the risk of injury, damage to health, and inhumane treatment; and

(3) If the species has a multi-national distribution:

(i) Whether populations of the species in other countries in which it occurs will not be detrimentally affected by exports of the species from the country requesting approval;

(ii) Whether factors affecting conservation of the species, including export from other countries, illegal trade, domestic use, or subsistence use are regulated throughout the range of the species so that recruitment and/or breeding stocks of the species will not be detrimentally affected by the proposed export;

(iii) Whether the projected take and export will not detrimentally affect breeding populations; and

(iv) Whether the projected take and export will not detrimentally affect existing enhancement activities, conservation programs, or enforcement efforts throughout the species’ range.
U.S. Fish and Wildlife Serv., Interior § 15.33

(4) For purposes of applying the criterion in paragraph (b)(2)(iv) of this section, the Director may give positive consideration to plans wherein very conservative capture and export quotas are implemented prior to being able to obtain all of the biological information necessary for a more large-scale management plan, if the country can demonstrate that such conservative capture and export quotas are non-detrimental to the species survival in the wild under the criterion in paragraph (b)(2)(iv) of this section.

(c) Publication in the Federal Register. The Director shall publish notice in the Federal Register of the availability of each complete sustainable use management plan received under paragraph (a) of this section. Each notice shall invite the submission of interested parties of written data, views, or arguments with respect to the proposed approval.

(d) Duration of approval. A species and country of export listed in section 15.33 as approved shall be approved for 3 years, at which time renewal of approval shall be considered by the Service.

[61 FR 2091, Jan. 24, 1996]

§ 15.33 Species included in the approved list.

(a) Captive-bred species. The list in this paragraph includes species of captive-bred exotic birds for which importation into the United States is not prohibited by section 15.11. The species are grouped taxonomically by order.

<table>
<thead>
<tr>
<th>Order Falconiformes:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Buteo buteo</td>
<td>Common European buzzard.</td>
</tr>
<tr>
<td>Order Columbiformes:</td>
<td></td>
</tr>
<tr>
<td>Columba livia</td>
<td>Rock dove.</td>
</tr>
<tr>
<td>Order Psittaciformes:</td>
<td></td>
</tr>
<tr>
<td>Agapornis personata</td>
<td>Masked lovebird.</td>
</tr>
<tr>
<td>Agapornis roseicollis</td>
<td>Peach-faced lovebird.</td>
</tr>
<tr>
<td>Aratinga jandaya</td>
<td>Jendaya conure.</td>
</tr>
<tr>
<td>Barrandius barnardi</td>
<td>Malee ringneck parrot.</td>
</tr>
<tr>
<td>Bolborhynchus lineola (blue form)</td>
<td>Lineolated parakeet (blue form).</td>
</tr>
<tr>
<td>Bolborhynchus lineola (yellow form)</td>
<td>Lineolated parakeet (yellow form).</td>
</tr>
<tr>
<td>Bolborhynchus lineola (white form)</td>
<td>Lineolated parakeet (white form).</td>
</tr>
<tr>
<td>Cyanoramphus auriceps</td>
<td>Yellow-fronted Parakeet.</td>
</tr>
<tr>
<td>Cyanoramphus novaehollandiae</td>
<td></td>
</tr>
<tr>
<td>Forpus coelestis (lilino form)</td>
<td></td>
</tr>
<tr>
<td>Forpus coelestis (blue form)</td>
<td></td>
</tr>
<tr>
<td>Forpus coelestis (cinnamon form)</td>
<td></td>
</tr>
<tr>
<td>Melopsittacus undulatus</td>
<td></td>
</tr>
<tr>
<td>Neophema bourniki</td>
<td></td>
</tr>
<tr>
<td>Neophema chrysoscelis</td>
<td></td>
</tr>
<tr>
<td>Neophema elegans</td>
<td></td>
</tr>
<tr>
<td>Neophema pulchella</td>
<td></td>
</tr>
<tr>
<td>Neophema splendida</td>
<td></td>
</tr>
<tr>
<td>Nymphicus hollandicus</td>
<td></td>
</tr>
<tr>
<td>Platycercus adelaide</td>
<td></td>
</tr>
<tr>
<td>Platycercus adscitus</td>
<td></td>
</tr>
<tr>
<td>Platycercus elegans</td>
<td></td>
</tr>
<tr>
<td>Platycercus eximius</td>
<td></td>
</tr>
<tr>
<td>Platycercus icterotis</td>
<td></td>
</tr>
<tr>
<td>Platycercus venustus</td>
<td></td>
</tr>
<tr>
<td>Polytelis alexandrae</td>
<td></td>
</tr>
<tr>
<td>Polytelis anthopeplus</td>
<td></td>
</tr>
<tr>
<td>Polytelis swainsoni</td>
<td></td>
</tr>
<tr>
<td>Psittaculus chrysocephalus</td>
<td></td>
</tr>
<tr>
<td>Psittaculus haematopus</td>
<td></td>
</tr>
<tr>
<td>Psittaculus varius</td>
<td>Mulga parakeet.</td>
</tr>
<tr>
<td>Psittacula eupatia (blue form)</td>
<td>Alexandrine parakeet (blue form).</td>
</tr>
<tr>
<td>Psittacula eupatia (lilino form)</td>
<td>Alexandrine parakeet (lilino form).</td>
</tr>
<tr>
<td>Psittacula krameri manillensis</td>
<td>Indian ringneck parakeet.</td>
</tr>
<tr>
<td>Psephotus haematonotus</td>
<td>Red-capped parrot.</td>
</tr>
<tr>
<td>Psephotus variegatus</td>
<td>Scaly-breasted lorikeet.</td>
</tr>
<tr>
<td>Trichoglossus chlorolepidotus</td>
<td></td>
</tr>
<tr>
<td>Species Common name</td>
<td></td>
</tr>
<tr>
<td>Common European buzzard.</td>
<td></td>
</tr>
<tr>
<td>Rock dove.</td>
<td></td>
</tr>
<tr>
<td>Masked lovebird.</td>
<td></td>
</tr>
<tr>
<td>Peach-faced lovebird.</td>
<td></td>
</tr>
<tr>
<td>Jendaya conure.</td>
<td></td>
</tr>
<tr>
<td>Malee ringneck parrot.</td>
<td></td>
</tr>
<tr>
<td>Lineolated parakeet (blue form).</td>
<td></td>
</tr>
<tr>
<td>Lineolated parakeet (yellow form).</td>
<td></td>
</tr>
<tr>
<td>Lineolated parakeet (white form).</td>
<td></td>
</tr>
<tr>
<td>Yellow-fronted Parakeet.</td>
<td></td>
</tr>
<tr>
<td>Pacific parrotlet (lilino form).</td>
<td></td>
</tr>
<tr>
<td>Pacific parrotlet (blue form).</td>
<td></td>
</tr>
<tr>
<td>Pacific parrotlet (cinnamon form).</td>
<td></td>
</tr>
<tr>
<td>Budgerigar.</td>
<td></td>
</tr>
<tr>
<td>Boukhi’s parrot.</td>
<td></td>
</tr>
<tr>
<td>Blue-winged Parrot.</td>
<td></td>
</tr>
<tr>
<td>Scarlet-chested parrot.</td>
<td></td>
</tr>
<tr>
<td>Cockatiel.</td>
<td></td>
</tr>
<tr>
<td>Adelaide rosella.</td>
<td></td>
</tr>
<tr>
<td>Pale-headed rosella.</td>
<td></td>
</tr>
<tr>
<td>Crimson rosella.</td>
<td></td>
</tr>
<tr>
<td>Eastern rosella.</td>
<td></td>
</tr>
<tr>
<td>Western (stanley) rosella.</td>
<td></td>
</tr>
<tr>
<td>Northern rosella.</td>
<td></td>
</tr>
<tr>
<td>Prince parrot.</td>
<td></td>
</tr>
<tr>
<td>Regent parrot.</td>
<td></td>
</tr>
<tr>
<td>Golden-shouldered parakeet.</td>
<td></td>
</tr>
<tr>
<td>Red-rumped parakeet.</td>
<td></td>
</tr>
<tr>
<td>Mulga parakeet.</td>
<td></td>
</tr>
<tr>
<td>Alexandrine parakeet (blue form).</td>
<td></td>
</tr>
<tr>
<td>Alexandrine parakeet (lilino form).</td>
<td></td>
</tr>
<tr>
<td>Indian ringneck parakeet.</td>
<td></td>
</tr>
<tr>
<td>Red-capped parrot.</td>
<td></td>
</tr>
<tr>
<td>Scaly-breasted lorikeet.</td>
<td></td>
</tr>
</tbody>
</table>

Order Passeriformes:

(Aegithalos concinna) | Red-browed Finch. |
(Ailuroedus novaehollandiae) | Cherry Finch. |
(Alisterus gouldiae) | Gouldian Finch. |
(Emberiza guttata) | Diamond Sparrow. |
Species Common name
Emblema picta Painted finch.
Lancinura castaneothorax Chestnut-breasted finch.
Lonchura domestica Society (=Bengalese) finch.
Lonchura pectoralis Star finch.
Neothra ruficauda Long-tailed grassfinch.
Poephila acuticauda Double-barred finch.
Poephila bichenovii Parson finch.
Poephila cincta Zebra finch.
Poephila guttata Masked finch.
Poephila personata Common Canary.

Note: Permits are still required for these species under part 17 (species listed as endangered or threatened under the Endangered Species Act (ESA)) of this chapter.

(b) Non-captive-bred species. The list in this paragraph includes species of non-captive-bred exotic birds and countries for which importation into the United States is not prohibited by section 15.11. The species are grouped taxonomically by order, and may only be imported from the approved country, except as provided under a permit issued pursuant to subpart C of this part.

Subpart E—Qualifying Facilities Breeding Exotic Birds in Captivity
§ 15.41 Criteria for including facilities as qualifying for imports. [Reserved]
§ 15.42 List of foreign qualifying breeding facilities. [Reserved]

Subpart F—List of Prohibited Species Not Listed in the Appendices to the Convention
§ 15.51 Criteria for including species and countries in the prohibited list. [Reserved]
§ 15.52 Species included in the prohibited list. [Reserved]
§ 15.53 Countries of export included in the prohibited list. [Reserved]

PART 16—INJURIOUS WILDLIFE

Subpart A—Introduction
Sec.
16.1 Purpose of regulations.
16.2 Scope of regulations.
16.3 General restrictions.

Subpart B—Importation or Shipment of Injurious Wildlife
16.11 Importation of live wild mammals.
16.12 Importation of live wild birds or their eggs.
16.13 Importation of live or dead fish, mollusks, and crustaceans, or their eggs.
16.14 Importation of live amphibians or their eggs.
16.15 Importation of live reptiles or their eggs.

Subpart C—Permits
16.22 Injurious wildlife permits.

Subpart D—Additional Exemptions
16.32 Importation by Federal agencies.
16.33 Importation of natural-history specimens.

Authority: 18 U.S.C. 42.
Source: 39 FR 1169, Jan. 4, 1974, unless otherwise noted.
family Salmonidae into the United States or its territories or possessions is deemed to be injurious or potentially injurious to the health and welfare of human beings, to the interest of forestry, agriculture, and horticulture, and to the welfare and survival of the wildlife or wildlife resources of the United States; and any such importation into or the transportation of live wildlife or eggs thereof between the continental United States, the District of Columbia, Hawaii, the Commonwealth of Puerto Rico, or any territory or possession of the United States by any means whatsoever, is prohibited except for certain purposes and under certain conditions as hereinafter provided in this part: Provided, That the provisions of this section shall not apply to psittacine birds (see also §§16.32 and 16.33 for other exemptions).

Subpart B—Importation or Shipment of Injurious Wildlife
§ 16.11 Importation of live wild mammals.
(a) The importation, transportation, or acquisition is prohibited of live specimens of: (1) Any species of so-called “flying fox” or fruit bat of the genus Pteropus; (2) any species of mongoose or meerkat of the genera Atilax, Cynictis, Helogale, Herpestes, Ichneumia, Mungos, and Suricata; (3) any species of European rabbit of the genus Oryctolagus; (4) any species of Indian wild dog, red dog, or dhole of the genus Cuon; (5) any species of multimammate rat or mouse of the genus Mastomys; and (6) any raccoon dog, Nyctereutes procyonoides: Provided, that the Director shall issue permits authorizing the importation, transportation, and possession of such mammals under the terms and conditions set forth in §16.22.
(b) Upon the filing of a written declaration with the District Director of Customs at the port of entry as required under §14.61, all other species of live wild game, birds may be imported, transported, and possessed in captivity, without a permit, for scientific, medical, educational, exhibition, or propagating purposes, and the eggs of such birds may be imported, transported, and possessed, without a permit, for propagating or scientific collection purposes, but no such live wild game birds or any progeny thereof may be released into the wild except by the State wildlife conservation agency having jurisdiction over the area of release or by persons having prior written permission for release from such agency: Provided, That the provisions of this paragraph shall not apply to live game mammals from Mexico, the importation of which is governed by regulations under part 14 of this chapter.


§ 16.12 Importation of live wild birds or their eggs.
(a) The importation, transportation, or acquisition is prohibited of any live specimen or egg of (1) the species of so-called “pink starling” or “rosy pastor” Sturnus roseus; (2) the species of dioch (including the subspecies black-fronted, red-billed, or Sudan dioch) Quelea quelea; (3) any species of Java sparrow, Padda oryzivora; (4) the species of red-whiskered bul-bul, Pycnonotus jocosus: Provided, That the Director shall issue permits authorizing the importation, transportation, and possession of such live birds under the terms and conditions set forth in §16.22.
(b) Upon the filing of a written declaration with the District Director of Customs at the port of entry as required under §14.61, all species of live wild game, birds may be imported, transported, and possessed, without a permit, for propagating or scientific collection purposes, but no such live wild game birds or any progeny thereof may be released into the wild except by the State wildlife conservation agency having jurisdiction over the area of release or by persons having prior written permission for release from such agency.
(c) Upon the filing of a written declaration with the District Director of Customs at the port of entry as required under §14.61, all species of live, wild nongame birds (other than those listed in paragraph (a) of this section) may be imported, transported, and possessed in captivity, without a permit,
§ 16.13 Importation of live or dead fish, mollusks, and crustaceans, or their eggs.

(a) Upon an exporter filing a written declaration with the District Director of Customs at the port of entry as required under § 14.61 of this chapter, live or dead fish, mollusks, and crustaceans, or parts thereof, or their gametes or fertilized eggs, may be imported, transported, and possessed in captivity without a permit except as follows:

(1) No such live fish, mollusks, crustacean, or any progeny or eggs thereof may be released into the wild except by the State wildlife conservation agency having jurisdiction over the area of release or by persons having prior written permission from such agency.

(2) The importation, transportation, or acquisition of any live fish or viable eggs of the walking catfish, family Clariidae, and live mitten crabs, genus Eriocheir, or their viable eggs, is prohibited except as provided under the terms and conditions set forth in § 16.22.

(3) Notwithstanding § 16.32, all Federal agencies shall be subject to the requirements stated within this section. Live or dead unevacuated salmonid fish (family Salmonidae), live fertilized eggs, or gametes of salmonid fish are prohibited entry into the United States for any purpose except by direct shipment accompanied by a certification that, as defined in paragraph (e)(1) of this section, the fish lots, from which the shipments originated, have been sampled; virus assays have been conducted on the samples according to methods described in paragraphs (e)(2) through (4) of this section; and Oncorhyncus masou virus and the viruses causing viral hemorrhagic septicemia, infectious hematopoietic necrosis, and infectious pancreatic necrosis have not been detected in the fish stocks from which the samples were taken. In addition, live salmonid fish can be imported into the United States only upon written approval from the Director of the U.S. Fish and Wildlife Service.

(4) All live fish eggs of salmonid fish must be disinfected within 24 hours prior to shipment to the United States. Disinfection shall be accomplished by immersion for 15 minutes in a 75 part per million (titratable active iodine) non-detergent solution of polyvinylpyrrolidone iodine (iodophor) buffered to a pH of 6.0 to 7.0. Following disinfection, the eggs shall be rinsed and maintained in water free of fish pathogens until packed and shipped. Any ice or water used for shipping shall be from pathogen-free water.

(b)(1) The certification to accompany importations as required by this section shall consist of a statement in the English language, printed or typewritten, stating that this shipment of dead uneviscerated salmonid fish, live salmonid fish, or live, disinfected fertilized eggs or gametes of salmonid fish has been tested, by the methods outlined in this section, and none of the listed viruses were detected. The certification shall be signed in the country of origin by a qualified fish pathologist designated as a certifying official by the Director.

(2) The certification must contain:

(i) The date and port of export in the country of origin and the anticipated date of arrival in the United States and port of entry;

(ii) Surface vessel name or number or air carrier and flight number;

(iii) Bill of lading number or airway bill number;
§ 16.13

The importation and transportation of salmonid fish, live salmonid egg, live salmonid gametes, fertilized eggs, live fish, or salmonid eggs, or salmonid gametes to the United States shall be subject to Federal inspection and certification of pathogen control in operation, can document the occurrence and distribution of fish pathogens within its boundaries, and can demonstrate that importation of salmonid fishes into the United States from that Nation will not pose a substantial risk to the public and private fish stocks of the United States.

(e) Fish sampling requirements, sample processing, and methods for virus assays—(1) Fish sampling requirements. (i) The preparation and transportation of salmonid fish shall be collected and processed separately from randomly selected fish. In the event the sample is

(c) Nothing in this part shall restrict the importation and transportation of dead salmonid fish when such fish have been eviscerated (all internal organs removed, gills may remain) or filleted or when such fish or eggs have been processed by canning, pickling, smoking, or otherwise prepared in a manner whereby the Oncorhynchus masou virus and the viruses causing viral hemorrhagic septicemia, infectious hematopoietic necrosis, and infectious pancreatic necrosis have been killed.

(d) Any fish caught in the wild in North America under a valid sport or commercial fishing license shall be exempt from sampling and certification requirements and from filing the Declaration for Importation of Wildlife. The Director may enter into formal agreements allowing the importation of gametes, fertilized eggs, live fish, or dead, uneviscerated fish without inspection and certification of pathogen status, if the exporting Nation has an acceptable program of inspection and pathogen control in operation, can document the occurrence and distribution of fish pathogens within its boundaries, and can demonstrate that importation of salmonid fishes into the United States from that Nation will not pose a substantial risk to the public and private fish stocks of the United States.

(1) Fish sampling requirements, sample processing, and methods for virus assays—(1) Fish sampling requirements. (i) Sampling for virus assays required by this section must be conducted within the six (6) months prior to the date of shipment of dead uneviscerated salmonid fish, live salmonid fish, live salmonid eggs, or salmonid gametes to the United States. Sampling shall be on a lot-by-lot basis with the samples from each lot distinctively marked, maintained, and processed for virus assay separately. A fish lot is defined as a group of fish of the same species and age that originated from the same discrete spawning population and that always have shared a common water supply. In the case of adult broodstock, various age groups of the same fish species may be sampled as a single lot, provided they meet the other conditions previously stated and have shared the same container(s) for at least 1 year prior to the sampling date.

(ii) In a sample, or sub-sample of a given lot, collection of 10 or more moribund fish shall be given first preference. The remainder of fish required for collection shall be randomly selected live fish from all containers occupied by the lot being sampled. Moribund fish shall be collected and processed separately from randomly selected fish. In the event the sample is
taken from adult broodstock of different ages that share the same container, first preference shall be given to collecting samples from the older fish.

(iii) The minimum sample numbers collected from each lot must be in accordance with a plan that provides 95 percent confidence that at least one fish, with a detectable level of infection, will be collected and will be present in the sample if the assumed minimum prevalence of infection equals or exceeds 2 percent. A total of 150 fish collected proportionally from among all containers shared by the lot usually meets this requirement. A sampling strategy based on a presumed pathogen prevalence of 5 percent (60 fish) may be used to meet sampling requirements for shipments of gametes, fertilized eggs, or uneviscerated dead fish; provided that in the previous 2 years no disease outbreaks caused by a pathogen of concern have occurred at the facility from which the shipment originated and all stocks held at the facility have been inspected at least four times during that period (at intervals of approximately 6 months) and no pathogens of concern detected.

(iv) Fish must be alive when collected and processed within 48 hours after collection. Tissue and fluid samples shall be stored in sealed, aseptic containers and kept at 4°C Celsius (C.) or on ice but not frozen.

(v) Tissue collection shall be as follows:

(A) Sac Fry and fry to 4 centimeter (cm): Assay entire fish. If present, remove the yolk sac.

(B) Fish 4-6 cm: Assay entire visceral mass including kidney.

(C) Fish longer than 6 cm: Assay kidney and spleen in approximately equal weight proportions.

(D) Spawning adult broodstock: Assay kidney and spleen tissues from males and/or females and ovarian fluid from females. Ovarian fluid may comprise up to 50 percent of the samples collected.

(2) General sample processing requirements. (i) Ovarian fluid samples shall be collected from each spawning female separately. All samples from individual fish shall be measured to ensure that similar quantities from each fish are combined if samples are pooled. Ovarian fluid samples from no more than five fish may be combined to form a pool.

(ii) Whole fry (less yolk sacs), viscera, and kidney and spleen tissues from no more than five fish may be similarly pooled.

(iii) Antibiotics and antifungal agents may be added to ovarian fluid or tissue samples to control microbial contaminant growth at the time of sample collection. Final concentrations shall not exceed 200-500 micrograms/milliliter (µg/ml) of Gentamycin, 800 international units/milliliter (IU/ml) of penicillin, or 800 µg/ml of streptomycin. Antifungal agent concentrations should not exceed 200 IU/ml of mycostatin (Nystatin) of 20 µg/ml of amphotericin B (Fungizone).

(iv) Sample temperature must be maintained between 4 at 15°C during processing. Use separate sets of sterile homogenization and processing equipment to process fluids or tissues from each fish lot sampled. Processing equipment need not be sterilized between samples within a single lot.

(v) Homogenized tissue samples may be diluted 1:10 with buffered cell culture medium (pH 7.4-7.8) containing antibiotics and antifungal agents not exceeding the concentrations described in paragraph (e)(2)(iii) of this section. Centrifuge tissue suspensions and ovarian fluid samples 4°C at 2,500 × gravity (g) (relative centrifugal force) for 15 minutes. Resulting supernatant solutions can be stored overnight at 4°C.

(vi) At the time of inoculation onto cell cultures, total dilution of processed tissue samples must not exceed 1:100 (volume to volume) (v/v); total dilution of ovarian fluid samples must not exceed 1:20 (v/v). In samples inoculated onto cell cultures, the final antibiotic concentration shall not exceed 100 µg/ml of Gentamicin, 100 IU/ml of penicillin, or 100 µg/ml of streptomycin and antifungal agent concentrations should not exceed 25 IU/ml of mycostatin (Nystatin) or 2.5 µg/ml of amphotericin B (Fungizone).

(3) Cell culture procedures. (i) Both epithelioma papulosum cyprini (EPC) and chinook salmon embryo (CHSE-214) cell lines must be maintained and used in all virus assays. Susceptible,
normal appearing, and rapidly dividing cell cultures shall be selected. Penicillin (100 IU/ml), streptomycin (100 µg/ml), and antifungal agents, such as mycostatin/Nystatin (25 IU/ml) or amphotericin B/Fungizone (2.5 µg/ml), are permitted in media used for cell culture and virus assay work.

(ii) Cell cultures shall be seeded and grown, at optimum temperatures, to 80-90 percent confluence in 24-well plates for virus assay work.

(iii) Decant the medium from the required number of 24-well plates of each cell line, and inoculate four replicate wells per cell line with .10 ml per well of each processed sample. When all wells have been inoculated, tilt plates to spread the inocula evenly. Incubate inoculated plates for 1 hour at 15°C for sample contact. After the 1 hour contact add cell culture medium. Medium shall be buffered or cells incubated so that a pH between 7.4 and 7.8 is maintained. All cell culture assays shall be incubated, without overlays, at 15°C for 21 days.

(4) Virus identification by serological methods. All cell cultures showing cytopathic effects (CPE) must be subcultured onto fresh cell cultures. If CPE is observed, determine the presence and identity the virus by serum neutralization, dot blot, enzyme-linked immunosorbent assay, or other equivalent serological technique.

(f) Information concerning the importation requirements of this section and application requirements for designation as a certifying official for purposes of this section may be obtained by contacting: U.S. Department of the Interior, U.S. Fish and Wildlife Service, Division of Fish Hatcheries (820 Arlington Square), 1849 C Street, NW., Washington, DC 20240. Telephone 703-358-1878.

(g) The information collection requirements contained in this part have been approved by the Office of Management and Budget under 44 U.S.C. 3501 et seq. and assigned clearance number 1038-0078. The information is being collected to inform U.S. Customs and USFWS inspectors of the contents, origin, routing, and destination of fish and eggs shipments and to certify that the fish lots were inspected for listed pathogens. The information will be used to protect the health of the fishery resource. Response is required to obtain a benefit.

[58 FR 58979, Nov. 5, 1993]

§ 16.14 Importation of live amphibians or their eggs.

Upon the filing of a written declaration with the Director of Customs at the port of entry as required under §14.63, all species of live amphibians or their eggs may be imported, transported, and possessed in captivity, without a permit, for scientific, medical, education, exhibition, or propagating purposes, but no such live amphibians or any progeny or eggs thereof may be released into the wild except by the State wildlife conservation agency having jurisdiction over the area of release or by persons having prior written permission for release from such agency.

§ 16.15 Importation of live reptiles or their eggs.

(a) The importation, transportation, or acquisition is prohibited of any live specimen or egg of the brown tree snake (Boiga irregularis); Provided, that the Director shall issue permits authorizing the importation, transportation, and possession of such live snakes or viable eggs under the terms and conditions set forth in §16.22.

(b) Upon the filing of a written declaration with the Director of Customs at the port of entry as required under §14.63, all other species of live reptiles or their eggs may be imported, transported, and possessed in captivity, without a permit, for scientific, medical, educational, exhibitional or propagating purposes, but no such live reptiles or any progeny or eggs thereof may be released into the wild except by the State wildlife conservation agency having jurisdiction over the area of release or by persons having prior written permission for release from such agency.

[55 FR 17441, Apr. 25, 1990]
§ 16.22  Injurious wildlife permits.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a permit authorizing the importation into or shipment between the continental United States, the District of Columbia, Hawaii, the Commonwealth of Puerto Rico, or any possession of the United States of injurious wildlife (See subpart B of this part) for zoological, educational, medical, or scientific purposes.

(a) Application requirements. Submit applications for permits to import, transport or acquire injurious wildlife for such purposes to the Director, U.S. Fish and Wildlife Service, (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203. Submit applications in writing on a Federal Fish and Wildlife License/Permit application (Form 3-200) and attach all of the following information:

(1) The number of specimens and the common and scientific names (genus and species) of each species of live wildlife proposed to be imported or otherwise acquired, transported and possessed;

(2) The purpose of such importation or other acquisition, transportation and possession;

(3) The address of the premises where such live wildlife will be kept in captivity;

(4) A statement of the applicant's qualifications and previous experience in caring for and handling captive wildlife.

(b) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to import or ship injurious wildlife for zoological, educational, medical, or scientific purposes shall be subject to the following conditions:

(1) All live wildlife acquired under permit and all progeny thereof, must be confined in the approved facilities on the premises authorized in the permit;

(2) No live wildlife, acquired under permit, or any eggs or progeny thereof, may be sold, donated, traded, loaned, or transferred to any other person unless such person has a permit issued by the Director under §16.22 authorizing him to acquire and possess such wildlife or the eggs or progeny thereof.

(3) Permittees shall notify the nearest Special Agent-in-Charge (see §10.22 of this chapter) by telephone or other expedient means within 24 hours following the escape of any wildlife imported or transported under authority of a permit issued under this section, or the escape of any progeny of such wildlife, unless otherwise specifically exempted by terms of the permit.

(c) Issuance criteria. The Director shall consider the following in determining whether to issue a permit to import or ship injurious wildlife for zoological, educational, medical, or scientific purposes:

(1) Whether the wildlife is being imported or otherwise acquired for a bona fide scientific, medical, educational, or zoological exhibition purpose;

(2) Whether the facilities for holding the wildlife in captivity have been inspected and approved, and consist of a basic cage or structure of a design and material adequate to prevent escape which is maintained inside a building or other facility of such structure that the wildlife could not escape from the building or other facility after escaping from the cage or structure maintained therein;

(3) Whether the applicant is a responsible person who is aware of the potential dangers to public interests posed by such wildlife, and who by reason of his knowledge, experience, and facilities reasonably can be expected to provide adequate protection for such public interests; and

(4) If such wildlife is to be imported or otherwise acquired for zoological or aquarium exhibition purposes, whether such exhibition or display will be open to the public during regular appropriate hours.

(d) The Office of Management and Budget approved the information collection requirements contained in this part 16 under 44 U.S.C. 3507 and assigned OMB Control Number 1018-0093. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting...
U.S. Fish and Wildlife Serv., Interior

this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in various Federal wildlife conservation statutes and regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit. We estimate the public reporting burden for these reporting requirements to average 2 hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS–222 ARLSQ, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project (1018–0093), Washington, DC 20603.


Subpart D—Additional Exemptions

§ 16.32 Importation by Federal agencies.

Nothing in this part shall restrict the importation and transportation, without a permit, of any live wildlife by Federal agencies solely for their own use, upon the filing of a written declaration with the District Director of Customs at the port of entry as required under §14.61. Provided, That the provisions of this section shall not apply to bald and golden eagles or their eggs, or to migratory birds or their eggs, the importations of which are governed by regulations under parts 22 and 21 of this chapter, respectively.

§ 16.33 Importation of natural-history specimens.

Nothing in this part shall restrict the importation and transportation, without a permit, of dead natural-history specimens of wildlife or their eggs for museum or scientific collection purposes: Provided, That the provisions of this section shall not apply to dead migratory birds, the importation of which is governed by regulations under parts 22 and 21 of this chapter; to dead game mammals from Mexico, the importation of which is governed by regulations under part 14 of this chapter; or to dead bald and golden eagles or their eggs, the importation of which is governed by regulations under part 22 of this chapter.

PART 17—ENDANGERED AND THREATENED WILDLIFE AND PLANTS

Subpart A—Introduction and General Provisions

Sec.
17.1 Purpose of regulations.
17.2 Scope of regulations.
17.3 Definitions.
17.4 Pre-Act wildlife.
17.5 Alaska natives.
17.6 State cooperative agreements. [Reserved]
17.7 Raptor exemption.
17.8 Permit applications and information collection requirements.

Subpart B—Lists

17.11 Endangered and threatened wildlife.
17.12 Endangered and threatened plants.

Subpart C—Endangered Wildlife

17.21 Prohibitions.
17.22 Permits for scientific purposes, enhancement of propagation or survival, or for incidental taking.
17.23 Economic hardship permits.

Subpart D—Threatened Wildlife

17.31 Prohibitions.
17.32 Permits—general.
17.40 Special rules—mammals.
17.41 Special rules—birds.
17.42 Special rules—reptiles.
17.43 Special rules—amphibians.
17.44 Special rules—fishes.
17.45 Special rules—snails and clams. [Reserved]
17.46 Special rules—crustaceans.
17.47 [Reserved]
17.48 Special rules—common sponges and other forms. [Reserved]

Subpart E—Similarity of Appearance

17.50 General.
17.51 Treatment as endangered or threatened.
17.52 Permits—similarity of appearance.

Subpart F—Endangered Plants

17.61 Prohibitions.
§ 17.1 Purpose of regulations.


(b) The regulations identify those species of wildlife and plants determined by the Director to be endangered or threatened with extinction under section 4(a) of the Act and also carry over the species and subspecies of wildlife designated as endangered under the Endangered Species Conservation Act of 1969 (83 Stat. 275, 16 U.S.C. 668cc-1 to 6) which are deemed endangered species under section 4(c)(3) of the Act.


§ 17.2 Scope of regulations.

(a) The regulations of this part apply only to endangered and threatened wildlife and plants.

(b) By agreement between the Service and the National Marine Fisheries Service, the jurisdiction of the Department of Commerce has been specifically defined to include certain species, while jurisdiction is shared in regard to certain other species. Such species are footnoted in subpart B of this part, and reference is given to special rules of the National Marine Fisheries Service for those species.

(c) The provisions in this part are in addition to, and are not in lieu of, other regulations of this subchapter B which may require a permit or prescribe additional restrictions or conditions for the importation, exportation, and interstate transportation of wildlife.

(d) The examples used in this part are provided solely for the convenience of the public, and to explain the intent and meaning of the regulation to which they refer. They have no legal significance.

(e) Certain of the wildlife and plants listed in §§ 17.11 and 17.12 as endangered or threatened are included in Appendix I, II or III to the Convention on International Trade in Endangered Species of Wild Fauna and Flora. The importation, exportation and reexportation of such species are subject to additional regulations provided in part 23 of this subchapter.


§ 17.3 Definitions.

In addition to the definitions contained in part 10 of this subchapter, and unless the context otherwise requires, in this part 17:

Adequately covered means, with respect to species listed pursuant to section 4 of the ESA, that a proposed conservation plan has satisfied the permit issuance criteria under section 10(a)(2)(B) of the ESA for the species covered by the plan, and, with respect to unlisted species, that a proposed conservation plan has satisfied the permit issuance criteria under section 10(a)(2)(B) of the ESA that would otherwise apply if the unlisted species covered by the plan were actually listed. For the Services to cover a species under a conservation plan, it must be listed on the section 10(a)(1)(B) permit.

Alaskan Native means a person defined in the Alaska Native Claims Settlement Act (43 U.S.C. 1603(b) (85 Stat. 588)) as a citizen of the United States who is of one-fourth degree or more Alaska Indian (including Tsimshian Indians enrolled or not enrolled in the Metlakta Indian Community), Eskimo, or Aleut blood, or combination thereof. The term includes any Native, as so defined, either or both of whose adoptive parents are not Natives. It also includes, in the absence of proof of a minimum blood quantum, any citizen of the United States who is regarded as an Alaska Native by the Native village or town of which he claims to be a member and whose father or mother is (or, if deceased, was) regarded as Native by any Native village or Native town. Any citizen enrolled by the Secretary pursuant to section 5 of the Alaska Native Claims Settlement Act shall be conclusively presumed to be an Alaskan Native for purposes of this part.

Authentic native articles of handicrafts and clothing means items made by an Indian, Aleut, or Eskimo which (a) were commonly produced on or before December 28, 1973, and (b) are composed wholly or in some significant respect of natural materials, and (c) are significantly altered from their natural form and which are produced, decorated, or fashioned in the exercise of traditional native handicrafts without the use of pantographs, multiple carvers, or similar mass copying devices. Improved methods of production utilizing modern implements such as sewing machines or modern techniques at a tannery registered pursuant to §18.23(c) of this subchapter (in the case of marine mammals) may be used so long as no large scale mass production industry results. Traditional native handicrafts include, but are not limited to, weaving, carving, stitching, sewing, lacing, beading, drawing, and painting. The formation of traditional native groups such as cooperatives, is permitted so long as no large scale mass production results.

Bred in captivity or captive-bred refers to wildlife, including eggs, born or otherwise produced in captivity from parents that mated or otherwise transferred gametes in captivity, if reproduction is sexual, or from parents that were in captivity when development of the progeny began, if development is asexual.

Captivity means that living wildlife is held in a controlled environment that is intensively manipulated by man for the purpose of producing wildlife of the selected species, and that has boundaries designed to prevent animal, eggs or gametes of the selected species from entering or leaving the controlled environment. General characteristics of captivity may include but are not limited to artificial housing, waste removal, health care, protection from predators, and artificially supplied food.

Changed circumstances means changes in circumstances affecting a species or geographic area covered by a conservation plan that can reasonably be anticipated by plan developers and the Service and that can be planned for (e.g., the listing of new species, or a fire or other natural catastrophic event in areas prone to such events).

Conservation plan means the plan required by section 10(a)(2)(A) of the ESA that an applicant must submit when applying for an incidental take permit. Conservation plans also are known as “habitat conservation plans” or “HCPs.”

Conserved habitat areas means areas explicitly designated for habitat restoration, acquisition, protection, or other conservation purposes under a conservation plan.
§ 17.3


Enhance the propagation or survival, when used in reference to wildlife in captivity, includes but is not limited to the following activities when it can be shown that such activities would not be detrimental to the survival of wild or captive populations of the affected species:

(a) Provision of health care, management of populations by culling, contraception, euthanasia, grouping or handling of wildlife to control survivorship and reproduction, and similar normal practices of animal husbandry needed to maintain captive populations that are self-sustaining and that possess as much genetic vitality as possible;

(b) Accumulation and holding of living wildlife that is not immediately needed or suitable for propagative or scientific purposes, and the transfer of such wildlife between persons in order to relieve crowding or other problems hindering the propagation or survival of the captive population at the location from which the wildlife would be removed; and

(c) Exhibition of living wildlife in a manner designed to educate the public about the ecological role and conservation needs of the affected species.

Endangered means a species of wildlife listed in §17.11 or a species of plant listed in §17.12 and designated as endangered.

Harass in the definition of “take” in the Act means an intentional or negligent act or omission which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding, or sheltering. This definition, when applied to captive wildlife, does not include generally accepted:

(1) Animal husbandry practices that meet or exceed the minimum standards for facilities and care under the Animal Welfare Act,

(2) Breeding procedures, or

(3) Provisions of veterinary care for confining, tranquilizing, or anesthetizing, when such practices, procedures, or provisions are not likely to result in injury to the wildlife.

Harm in the definition of “take” in the Act means an act which actually kills or injures wildlife. Such act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

Incidental taking means any taking otherwise prohibited, if such taking is incidental to, and not the purpose of, the carrying out of an otherwise lawful activity.

Industry or trade in the definition of “commercial activity” in the Act means the actual or intended transfer of wildlife or plants from one person to another person in the pursuit of gain or profit;

Native village or town means any community, association, tribe, clan or group;

Operating conservation program means those conservation management activities which are expressly agreed upon and described in a conservation plan or its Implementing Agreement, if any, and which are to be undertaken for the affected species when implementing an approved conservation plan, including measures to respond to changed circumstances.

Population means a group of fish or wildlife in the same taxon below the subspecific level, in common spatial arrangement that interbreed when mature;

Properly implemented conservation plan means any conservation plan, Implementing Agreement and permit whose commitments and provisions have been or are being fully implemented by the permittee.

Specimen means any animal or plant, or any part, product, egg, seed or root of any animal or plant;

Subsistence means the use of endangered or threatened wildlife for food, clothing, shelter, heating, transportation and other uses necessary to maintain the life of the taker of the wildlife, or those who depend upon the taker to provide them with such subsistence, and includes selling any edible portions of such wildlife in native villages and towns in Alaska for native
consumption within native villages and towns;

Threatened means a species of wildlife listed in §17.11 or plant listed in §17.12 and designated as threatened.

Unforeseen circumstances means changes in circumstances affecting a species or geographic area covered by a conservation plan that could not reasonably have been anticipated by plan developers and the Service at the time of the conservation plan’s negotiation and development, and that result in a substantial and adverse change in the status of the covered species.

Wasteful manner means any taking or method of taking which is likely to result in the killing or injury of endangered or threatened wildlife beyond those needed for subsistence purposes, or which results in the waste of a substantial portion of the wildlife, and includes without limitation the employment of a method of taking which is not likely to assure the capture or killing of the wildlife, or which is not immediately followed by a reasonable effort to retrieve the wildlife.


EFFECTIVE DATE NOTE: At 63 FR 48639, Sept. 11, 1998, §17.3 was amended by revising the definition of “Harass”, effective Oct. 13, 1998. For the convenience of the user, the superseded text is set forth as follows:

§ 17.3 Definitions.

* * * * *

Harass in the definition of “take” in the Act means an intentional or negligent act or omission which creates the likelihood of injury to wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding or sheltering.

* * * * *

§ 17.4 Pre-Act wildlife.

(a) The prohibitions defined in subparts C and D of this part 17 shall not apply to any activity involving endangered or threatened wildlife which was held in captivity or in a controlled environment on December 28, 1973: Provided,

(1) That the purposes of such holding were not contrary to the purposes of the Act; and
(2) That the wildlife was not held in the course of a commercial activity.

Example 1. On January 25, 1974, a tourist buys a stuffed hawksbill turtle (an endangered species listed since June, 1970), in a foreign country. On December 28, 1973, the stuffed turtle had been on display for sale. The tourist imports the stuffed turtle into the United States on January 26, 1974. This is a violation of the Act since the stuffed turtle was held for commercial purposes on December 28, 1973.

Example 2. On December 27, 1973 (or earlier), a tourist buys a leopard skin coat (the leopard has been listed as endangered since March 1972) for his wife in a foreign country. On January 5, he imports it into the United States. He has not committed a violation since on December 28, 1973, he was the owner of the coat, for personal purposes, and the chain of commerce had ended with the sale on the 27th. Even if he did not finish paying for the coat for another year, as long as he had possession of it, and he was not going to resell it, but was using it for personal purposes, the Act does not apply to that coat.

Example 3. On or before December 28, 1973, a hunter kills a leopard legally in Africa. He has the leopard mounted and imports it into the United States in March 1974. This importation is not subject to the Act. The hunter has not engaged in a commercial activity, even though he bought the services of a guide, outfitters, and a taxidermist to help him take, preserve, and import the leopard. This applies even if the trophy was in the possession of the taxidermist on December 28, 1973.

Example 4. On January 15, 1974, a hunter kills a leopard legally in Africa. He has the leopard mounted and imports it into the United States in June 1974. This importation is a violation of the Act since the leopard was not in captivity or a controlled environment on December 28, 1973.

(b) Service officers or Customs officers may refuse to clear endangered or threatened wildlife for importation into or exportation from the United States, pursuant to §14.53 of this subchapter, until the importer or exporter can demonstrate that the exemption referred to in this section applies. Exempt status may be established by any sufficient evidence, including an affidavit containing the following:

(1) The affiant’s name and address;
(2) Identification of the affiant;
§ 17.5

(3) Identification of the endangered or threatened wildlife which is the subject of the affidavit;

(4) A statement by the affiant that to the best of his knowledge and belief, the endangered or threatened wildlife which is the subject of the affidavit was in captivity or in a controlled environment on December 28, 1973, and was not being held for purposes contrary to the Act or in the course of a commercial activity;

(5) A statement by the affiant in the following language:

The foregoing is principally based on the attached exhibits which, to the best of my knowledge and belief, are complete, true and correct. I understand that this affidavit is being submitted for the purpose of inducing the Federal Government to recognize an exempt status regarding (insert description of wildlife), under the Endangered Species Act of 1973 (16 U.S.C. 1531-1543), and regulations promulgated thereunder, and that any false statements may subject me to the criminal penalties of 18 U.S.C. 1001.

(6) As an attachment, records or other available evidence to show:

(i) That the wildlife in question was being held in captivity or in a controlled environment on December 28, 1973;

(ii) The purpose for which the wildlife was being held; and

(iii) The nature of such holding (to establish that no commercial activity was involved).

(c) This section applies only to wildlife born on or prior to December 28, 1973. It does not apply to the progeny of any such wildlife born after December 28, 1973.

§ 17.5 Alaska natives.

(a) The provisions of subpart C of this part relating to the importation or the taking of endangered wildlife, and any provision of subpart D of this part relating to the importation or the taking of threatened wildlife, shall not apply to:

(1) Any Indian, Aleut, or Eskimo who is an Alaskan native and who resides in Alaska; or

(2) Any non-native permanent resident of an Alaskan native village who is primarily dependent upon the taking of wildlife for consumption or for the creation and sale of authentic native articles of handicrafts and clothing:

If the taking is primarily for subsistence purposes, and is not accomplished in a wasteful manner.

(b) Edible portions of endangered or threatened wildlife taken or imported pursuant to paragraph (a) of this section may be sold in native villages or towns in Alaska for native consumption within native villages and towns in Alaska.

(c) Non-edible by-products of endangered or threatened wildlife taken or imported pursuant to paragraph (a) of this section may be sold in interstate commerce when made into authentic native articles of handicrafts and clothing.

§ 17.6 State cooperative agreements.

[Reserved]

§ 17.7 Raptor exemption.

(a) The prohibitions found in §§ 17.21 and 17.31 do not apply to any raptor [a live migratory bird of the Order Falconiformes or the Order Strigiformes, other than a bald eagle (Haliaeetus leucocephalus) or a golden eagle (Aquila chrysaetos)] legally held in captivity or in a controlled environment on November 10, 1978, or to any of its progeny, which is:

(1) Possessed and banded in compliance with the terms of a valid permit issued under part 21 of this chapter; and

(2) Identified in the earliest applicable annual report required to be filed by a permittee under part 21 of this chapter as in a permittee's possession on November 10, 1978, or as the progeny of such a raptor.

(b) This section does not apply to any raptor intentionally returned to the wild.

[48 FR 31607, July 8, 1983]

§ 17.8 Permit applications and information collection requirements.

(a) Address permit applications for activities affecting species listed under the Endangered Species Act, as amended, as follows:

(1) Address activities affecting endangered and threatened species that are native to the United States to the Regional Director for the Region in which the activity is to take place. You can find addresses for the Regional
§ 17.11 Endangered and threatened wildlife.

(a) The list in this section contains the names of all species of wildlife which have been determined by the Services to be Endangered or Threatened. It also contains the names of species of wildlife treated as Endangered or Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see §17.50 et seq.).

(b) The columns entitled “Common Name,” “Scientific Name,” and “Vertebrate Population Where Endangered or Threatened” define the species of wildlife within the meaning of the Act. Thus, differently classified geographic populations of the same vertebrate subspecies or species shall be identified by their differing geographic boundaries, even though the other two columns are identical. The term “Entire” means that all populations throughout the present range of a vertebrate species are listed. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the International Code of Zoological Nomenclature.

(c) In the “Status” column the following symbols are used: “E” for Endangered, “T” for Threatened, and “E [or T] (S/A)” for similarity of appearance species.

(d) The other data in the list are non-regulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species’ names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries,

### Table: Endangered and Threatened Wildlife

<table>
<thead>
<tr>
<th>Region</th>
<th>Offices</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region 1 (Portland, OR)</td>
<td>503-231-6241</td>
<td></td>
</tr>
<tr>
<td>Region 2 (Albuquerque, NM)</td>
<td>505-248-6920</td>
<td></td>
</tr>
<tr>
<td>Region 3 (Twin Cities, MN)</td>
<td>612-713-5343</td>
<td></td>
</tr>
<tr>
<td>Region 4 (Atlanta, GA)</td>
<td>404-679-7313</td>
<td></td>
</tr>
<tr>
<td>Region 5 (Hadley, MA)</td>
<td>413-236-8155, ext 263</td>
<td></td>
</tr>
<tr>
<td>Region 6 (Denver, CO)</td>
<td>303-706-3620</td>
<td></td>
</tr>
<tr>
<td>Headquarters (Washington, DC)</td>
<td>703-358-2106</td>
<td></td>
</tr>
</tbody>
</table>

Subpart B—Lists

Project (1018-0093/0094), Washington, DC 20563.

[63 FR 52635, Oct. 1, 1998]
§ 17.11

neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of part 424 of this title.

(e) The “historic range” indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the species, wherever found.

(f)(1) A footnote to the FEDERAL REGISTER publication(s) listing or reclassifying a species is indicated under the column “When listed.” Footnote numbers to §§ 17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same FEDERAL REGISTER document. That document, at least since 1973, includes a statement indicating the basis for the listing, as well as the effective date(s) of said listing.

(2) The “Special rules” and “Critical habitat” columns provide a cross reference to other sections in parts 17, 222, 226, or 227. The “Special rules” column will also be used to cite the special rules that describe experimental populations and determine if they are essential or nonessential. Separate listing will be made for experimental populations, and the status column will include the following symbols: “XE” for an essential experimental population and “XN” for a nonessential experimental population. The term “NA” (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such wildlife, e.g., port-of-entry requirements. It is not intended that the references in the “Special rules” column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units. For example, the genus Hylobates (gibbons) is listed as Endangered throughout its entire range (China, India, and SE Asia); consequently, all species, subspecies, and populations of that genus are considered listed as Endangered for the purposes of the Act. In 1978 (43 FR 6230-6233) the species Haliaeetus leucocephalus (bald eagle) was listed as Threatened in “USA (WA, OR, MN, WI, MI)” rather than its entire population; thus, all individuals of the bald eagle found in those five States are considered listed as Threatened for the purposes of the Act.

(h) The “List of Endangered and Threatened Wildlife” is provided below:
<table>
<thead>
<tr>
<th>Species</th>
<th>Scientific name</th>
<th>Historic range</th>
<th>Vertebrate population where endangered or threatened</th>
<th>Status</th>
<th>When listed</th>
<th>Critical habitat</th>
<th>Special rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAMMALS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anoa, lowland</td>
<td>Bubalus depressicornis (=B. anoa depressicornis).</td>
<td>Indonesia</td>
<td>Entire</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Anoa, mountain</td>
<td>Bubalus quarlesi (=B. anoa quarlesi).</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Antelope, giant sable</td>
<td>Hippopotamus niger variabilis.</td>
<td>Angola</td>
<td>...do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Argali</td>
<td>Ovis ammon</td>
<td>Afghanistan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan, Uzbekistan.</td>
<td>Entire except Kyrgyzstan, Mongolia, and Tajikistan.</td>
<td>E</td>
<td>15, 475</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>...do</td>
<td></td>
<td>T</td>
<td>15, 475</td>
<td>NA</td>
<td>17.40(j)</td>
</tr>
<tr>
<td>Armadillo, giant</td>
<td>Priodontes maximus (=giganteus).</td>
<td>Venezuela and Guyana to Argentina.</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Armadillo, pink fairy</td>
<td>Chlamyphorus truncatus.</td>
<td>Argentina</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ass, African wild</td>
<td>Equus asinus (=africanus).</td>
<td>Somalia, Sudan, Ethiopia.</td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ass, Asian wild</td>
<td>Equus hemionus (=kulan, onager).</td>
<td>Southwestern and Central Asia.</td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Avahi</td>
<td>Avahi (=Lichanotus laniger (=entire genus.))</td>
<td>Malagasy Republic (=Madagascar).</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Aye-aye</td>
<td>Daubentonia madagascariensis.</td>
<td>...do</td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Babirusa</td>
<td>Babyrousa babyrussa</td>
<td>Indonesia</td>
<td>...do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Baboon, gelada</td>
<td>Theropithicus gelada</td>
<td>Ethiopia</td>
<td>...do</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
</tr>
<tr>
<td>Bandicoot, barred</td>
<td>Perameles bougainville.</td>
<td>Australia</td>
<td>...do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bandicoot, desert</td>
<td>Perameles eremiana</td>
<td>...do</td>
<td></td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Bandicoot, lesser rabbit</td>
<td>Macrotis leucura</td>
<td>...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bandicoot, pig-footed</td>
<td>Chaeropus ecaudatus</td>
<td>...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bandicoot, rabbit</td>
<td>Macrotis lagotis</td>
<td>...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Banteng</td>
<td>Bos javanicus (=banteng)</td>
<td>Southeast Asia ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Bulmer’s fruit (flying fox)</td>
<td>Aproteles bulmerae</td>
<td>Papua New Guinea ..........do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>139</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, bumblebee</td>
<td>Craseonycteris thonglongyai</td>
<td>Thailand ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>139</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, gray</td>
<td>Myotis grisescens</td>
<td>Central and south-eastern U.S.A. ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>13</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Hawaiian hoary</td>
<td>Lasius cinereus semotus</td>
<td>U.S.A. (HI) ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Indiana</td>
<td>Myotis sodalis</td>
<td>Eastern and Mid-western U.S.A. ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>1</td>
<td>17.95(a)</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, lesser (=Sanborn’s) long-nosed.</td>
<td>Leptonycteris curasoae (=sanbornii) yerbaeuanae</td>
<td>U.S.A. (AZ, NM), Mexico, Central America. ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>336</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, little Mariana fruit</td>
<td>Pteropus tokudae</td>
<td>Western Pacific Ocean—U.S.A. (Guam). ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Mariana fruit</td>
<td>Pteropus mariannus mariannus.</td>
<td>Western Pacific Ocean—U.S.A. (Guam, Rota, Tinian, Saipan, Aoguana). ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Mexican long-nosed.</td>
<td>Leptonycteris rivesi</td>
<td>U.S.A. (NM, TX), Mexico, Central America. ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>336</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bat, Ozark big-eared</td>
<td>Corynorhinus (=Plecotus) townsendi ingens.</td>
<td>U.S.A. (MO, OK, AR) ...............do.........................</td>
<td>........do.........................</td>
<td>E</td>
<td>85</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Reference</td>
<td>Status</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------------------</td>
<td>-----------------------------------------------------</td>
<td>-----------</td>
<td>--------</td>
<td>-----------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bat, Rodrigues fruit</td>
<td>Pteropus rodricensis</td>
<td>Indian Ocean—Rodrigues Island.</td>
<td>E</td>
<td>139</td>
<td>NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bat, Singapore roundleaf</td>
<td>Hipposideros ridleyi</td>
<td>Malaysia</td>
<td>E</td>
<td>139</td>
<td>NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bat, Virginia big-eared</td>
<td>Corynorhinus (=Plecotus) townsendi virginianus.</td>
<td>U.S.A. (KY, NC, WV, VA).</td>
<td>E</td>
<td>85</td>
<td>17.95(a) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bear, American black</td>
<td>Ursus americanus</td>
<td>North America</td>
<td>T(S/A)</td>
<td>456</td>
<td>NA 17.40(i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bear, Baluchistan</td>
<td>Ursus thibetanus gedrosianus.</td>
<td>Iran, Pakistan</td>
<td>E</td>
<td>233</td>
<td>NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bear, brown</td>
<td>Ursus arctos arctos</td>
<td>Palearctic</td>
<td>E</td>
<td>15, 15A</td>
<td>NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>Ursus arctos pruinosus</td>
<td>China (Tibet)</td>
<td>E</td>
<td>15</td>
<td>NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bear, grizzly (=brown)</td>
<td>Ursus arctos</td>
<td>Holarctic</td>
<td>T</td>
<td>1, 2D, 9</td>
<td>17.40(b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bear, Louisiana black</td>
<td>Ursus americanus luteolus.</td>
<td>U.S.A. (LA—all counties; MS—all counties south of or touching a line from Greenville, Washington County, to Meridian, Lauderdale County; TX—all counties east of or touching a line from Linden, Cass County, SW to Bryan, Brazos County, thence SSW to Rockport, Aransas County)</td>
<td>T</td>
<td>456</td>
<td>NA 17.40(i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Bear, Mexican grizzly</td>
<td>Ursus arctos (= U. a. nelsoni)</td>
<td>Holarctic</td>
<td>Mexico</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Beaver</td>
<td>Castor fiber birulai</td>
<td>Mongolia</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bison, wood</td>
<td>Bison bison athabascae</td>
<td>Canada, northwestern U.S.A.</td>
<td>Canada</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bobcat</td>
<td>Felis rufus escuinapae</td>
<td>Central Mexico</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bontebok (antelope)</td>
<td>Damaliscus dorcas dorcas</td>
<td>South Africa</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Camel, Bactrian</td>
<td>Camelus bactrianus (= ferus)</td>
<td>Mongolia, China</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Caribou, woodland</td>
<td>Rangifer tarandus caribou</td>
<td>U.S.A. (AK, ID, ME, MI, MN, MT, NH, VT, WA, WI), Canada</td>
<td>do</td>
<td>E</td>
<td>128E, 136E, 143</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, Andean</td>
<td>Felis jacobita</td>
<td>Chile, Peru, Bolivia, Argentina</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, black-footed</td>
<td>Felis nigripes</td>
<td>Southern Africa</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, flat-headed</td>
<td>Felis planiceps</td>
<td>Malaysia, Indonesia</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, Iriomote</td>
<td>Felis (Mayailurus) iriomotensis.</td>
<td>Japan (Iriomote Island, Ryukyu Islands)</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, leopard</td>
<td>Felis bengalensis bengalensis.</td>
<td>India, Southeast Asia</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, marbled</td>
<td>Felis marmorata</td>
<td>Nepal, Southeast Asia, Indonesia</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cat, Pakistan sand</td>
<td>Felis margarita schefleri</td>
<td>Pakistan</td>
<td>do</td>
<td>E</td>
<td>139</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Species</strong></td>
<td><strong>Common Name</strong></td>
<td><strong>Range</strong></td>
<td><strong>Status</strong></td>
<td><strong>Populations</strong></td>
<td><strong>Remarks</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------</td>
<td>----------</td>
<td>------------</td>
<td>----------------</td>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat, Temminck's (=golden cat)</td>
<td><em>Felis temmincki</em></td>
<td>Nepal, China, South-east Asia, Indonesia (Sumatra)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat, tiger</td>
<td><em>Felis tigrinus</em></td>
<td>Costa Rica to northern Argentina</td>
<td>E</td>
<td>5</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chamois, Apennine</td>
<td><em>Rupicapra rupicapra ornata</em></td>
<td>Italy</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheetah</td>
<td><em>Acinonyx jubatus</em></td>
<td>Africa to India</td>
<td>E</td>
<td>3, 5</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chimpanzee</td>
<td><em>Pan troglodytes</em></td>
<td>Africa-see 17.40(c)(3)</td>
<td>E</td>
<td>16, 376</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Wherever found in captivity.</td>
<td>T</td>
<td>16, 376</td>
<td>17.40(c)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chimpanzee, pygmy</td>
<td><em>Pan paniscus</em></td>
<td>Zaire</td>
<td>E</td>
<td>16, 376</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinchilla</td>
<td><em>Chinchilla brevicaudata boliviana</em></td>
<td>Bolivia</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civet, Malabar largespotted</td>
<td><em>Viverra megaspila civettina</em></td>
<td>India</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cochito (=Gulf of California harbor porpoise)</td>
<td><em>Phocoena sinus</em></td>
<td>Mexico (Gulf of California)</td>
<td>E</td>
<td>169</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cougar, eastern</td>
<td><em>Felis concolor</em></td>
<td>Eastern North America</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Bactrian</td>
<td><em>Cervus elaphus bactrianus</em></td>
<td>Tajikistan, Uzbekistan, Afghanistan</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Barbary</td>
<td><em>Cervus elaphus barbarus</em></td>
<td>Morocco, Tunisia, Algeria</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Bawean</td>
<td><em>Axis (=Cervus) porcinus kuhli</em></td>
<td>Indonesia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Cedros Island mule.</td>
<td><em>Odocoileus hemionus cedrosensis</em></td>
<td>Mexico (Cedros Island)</td>
<td>E</td>
<td>10</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Columbian white-tailed.</td>
<td><em>Odocoileus virginianus leucurus</em></td>
<td>U.S.A. (WA, OR)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Corsican red</td>
<td><em>Cervus elaphus corsicanus</em></td>
<td>Corsica, Sardinia</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Eld's brow-antlered.</td>
<td><em>Cervus eldi</em></td>
<td>India to Southeast Asia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------</td>
<td>----------------------------------</td>
<td>------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Deer, Formosan sika</td>
<td>Cervus nippon taiouanus.</td>
<td>Taiwan</td>
<td>..do</td>
<td>E 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, hog</td>
<td>Axis (=Cervus) porcinus</td>
<td>Thailand, Indochina</td>
<td>..do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, key</td>
<td>Odocoileus virginianus clavium.</td>
<td>U.S.A. (FL)</td>
<td>..do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, marsh</td>
<td>Blastocerus dichotomus.</td>
<td>Argentina, Uruguay, Paraguay, Bolivia, Brazil.</td>
<td>..do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, McNeill's</td>
<td>Cervus elaphus macneilii.</td>
<td>China (Sinkiang, Tibet)</td>
<td>..do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, musk</td>
<td>Moschus spp. (all species).</td>
<td>Central and eastern Asia.</td>
<td>..do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, North China sika</td>
<td>Cervus nippon mandarinus.</td>
<td>China (Shantung and Chihili Provinces).</td>
<td>..do</td>
<td>E 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, pampas</td>
<td>Ozotoceros bezoarticus.</td>
<td>Brazil, Argentina, Uruguay, Bolivia, Paraguay.</td>
<td>..do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, Persian fallow</td>
<td>Dama dama mesopotamica.</td>
<td>Iraq, Iran</td>
<td>..do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, Philippine</td>
<td>Axis (=Cervus) porcinus</td>
<td>Philippines (Calamian Islands).</td>
<td>..do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, Ryukyu sika</td>
<td>Cervus nippon keramae.</td>
<td>Japan (Ryukyu Islands).</td>
<td>..do</td>
<td>E 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, Shansi sika</td>
<td>Cervus nippon grassianus.</td>
<td>China (Shansi Province).</td>
<td>..do</td>
<td>E 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, South China sika</td>
<td>Cervus nippon kopschi.</td>
<td>Southern China</td>
<td>..do</td>
<td>E 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Deer, swamp (=barasingha).</td>
<td>Cervus duvauceli</td>
<td>India, Nepal</td>
<td>..do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Animal</td>
<td>Scientific Name</td>
<td>Location</td>
<td>Status</td>
<td>Population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
<td>----------</td>
<td>--------</td>
<td>------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Visayan</td>
<td>Cervus alfredi</td>
<td>Philippines</td>
<td>E</td>
<td>320</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deer, Yarkand</td>
<td>Cervus elaphus yarkandensis</td>
<td>China (Sinkiang)</td>
<td>E</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dhole (=Asiatic wild dog)</td>
<td>Cuon alpinus</td>
<td>C.I.S., Korea, China, India, Southeast Asia</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dibbler</td>
<td>Antechinus apicalis</td>
<td>Australia</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dog, African wild</td>
<td>Lycaon pictus</td>
<td>Sub-Saharan Africa</td>
<td>E</td>
<td>139</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dolphin, Chinese river (=whitefin)</td>
<td>Lipotes vexillifer</td>
<td>China</td>
<td>E</td>
<td>350</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dolphin, Indus River</td>
<td>Platanista minor</td>
<td>Pakistan (Indus R. and tributaries)</td>
<td>E</td>
<td>417</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drill</td>
<td>Papio leucophaeus</td>
<td>Equatorial West Africa</td>
<td>E</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dugong</td>
<td>Dugong dugon</td>
<td>East Africa to southern Japan, including U.S.A. (Trust Territories)</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duiker, Jentink's</td>
<td>Cephalophus jentinki</td>
<td>Sierra Leone, Liberia, Ivory Coast</td>
<td>E</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eland, western giant</td>
<td>Taurotragus derbianus derbianus</td>
<td>Senegal to Ivory Coast</td>
<td>E</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elephant, African</td>
<td>Loxodonta africana</td>
<td>Africa</td>
<td>T</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elephant, Asian</td>
<td>Elephas maximus</td>
<td>South-central and southeastern Asia</td>
<td>E</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ferret, black-footed</td>
<td>Mustela nigripes</td>
<td>Western U.S.A., western Canada</td>
<td>E</td>
<td>1.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fox, northern swift</td>
<td>Vulpes velox hebes</td>
<td>U.S.A. (northern plains), Canada</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fox, San Joaquin kit</td>
<td>Vulpes macrotis mutica</td>
<td>Entire</td>
<td>E</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: Status codes: E = Endangered, T = Threatened, XN = eXtinct in the Wild, NA = Not Applicable*
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Scientific name</th>
<th>Historic range</th>
<th>Vertebrate population where endangered or threatened</th>
<th>Status</th>
<th>When listed</th>
<th>Critical habitat</th>
<th>Special rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fox, Simien</td>
<td>Canis (Simenia) simensis</td>
<td>Ethiopia</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Arabian</td>
<td>Gazella gazella</td>
<td>Arabian Peninsula, Palestine, Sinai</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Clark’s (=Dibatag).</td>
<td>Ammodorcas clarkei</td>
<td>Somalia, Ethiopia</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Cuvier’s</td>
<td>Gazella cuvieri</td>
<td>Morocco, Algeria, Tunisia</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Mhorr</td>
<td>Gazella dama mhorr</td>
<td>Morocco</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Moroccan (=Dorcas)</td>
<td>Gazella dorcas massaelsa</td>
<td>Morocco</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Pelzelni’s</td>
<td>Gazella dorcas pelzelni</td>
<td>Somalia</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Rio de Oro Dama.</td>
<td>Gazella dama lozanoi</td>
<td>Western Sahara</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, sand</td>
<td>Gazella subgutturosa marica</td>
<td>Jordan, Arabian Peninsula</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, Saudi Arabian</td>
<td>Gazella dorcas saudya</td>
<td>Israel, Iraq, Jordan, Syria, Arabian Peninsula</td>
<td>do</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gazette, slender-horned (=Rhim).</td>
<td>Gazella leptoceros</td>
<td>Sudan, Egypt, Algeria, Libya</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gibbons</td>
<td>Hylobates spp. (including Nomascus)</td>
<td>China, India, Southwestern Asia</td>
<td>do</td>
<td>E</td>
<td>3, 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Goat, wild (=Chiltan markhor),</td>
<td>Capra aegagrus (=falconeri)</td>
<td>Chiltan Range of west-central Pakistan</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Goral</td>
<td>Nemorhaedus goral (=helveticus)</td>
<td>East Asia</td>
<td>entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gorilla</td>
<td>Gorilla gorilla</td>
<td>Central and western Africa</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hare, hispid</td>
<td>Caprolagus hispidus</td>
<td>India, Nepal, Bhutan</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hartebeest, Swayne’s</td>
<td>Alcelaphus busephalus swaynei</td>
<td>Ethiopia, Somalia</td>
<td>do</td>
<td>E</td>
<td>3, 50</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Animal</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Status</td>
<td>Population</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------------------------</td>
<td>---------------------------------------</td>
<td>---------</td>
<td>------------</td>
<td>-----------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hartebeest, Tora</td>
<td><em>Alcelaphus buselaphus tosa</em></td>
<td>Ethiopia, Sudan, Egypt, India, Nepal, Bhutan, Sikkim</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hog, pygmy</td>
<td><em>Sus salvanius</em></td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Horse, Przewalski's</td>
<td><em>Equus przewalskii</em></td>
<td>Mongolia, China, Mongolia, China</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Huemul, north Andean</td>
<td><em>Hippocamelus antisensis</em></td>
<td>Ecuador, Peru, Chile, Bolivia, Argentina</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Huemul, south Andean</td>
<td><em>Hippocamelus bisulcus</em></td>
<td>Chile, Argentina</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hutia, Cabrera's</td>
<td><em>Capromys anglicabrera</em></td>
<td>Cuba</td>
<td>E</td>
<td>233</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hutia, dwarf</td>
<td><em>Capromys nana</em></td>
<td>do</td>
<td>E</td>
<td>233</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hutia, large-eared</td>
<td><em>Capromys auritus</em></td>
<td>do</td>
<td>E</td>
<td>233</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hutia, little earth</td>
<td><em>Capromys sandera</em></td>
<td>do</td>
<td>E</td>
<td>233</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyena, Barbary</td>
<td><em>Hyaena hyaena barbarica</em></td>
<td>Morocco, Algeria, Tunisia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyena, brown</td>
<td><em>Hyaena brunnea</em></td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ibex, Pyrenean</td>
<td><em>Capra pyrenaica pyrenaica</em></td>
<td>Spain</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ibex, Walia</td>
<td><em>Capra walle</em></td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impala, black-faced</td>
<td><em>Aepyceros melampus petersi</em></td>
<td>Ethiopia, Namibia, Angola</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Indri</td>
<td><em>Indri indri</em> (=entire genus)</td>
<td>Malagasy Republic (=Madagascar)</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaguar</td>
<td><em>Panthera onca</em></td>
<td>do</td>
<td>E</td>
<td>5,622</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaguarundi</td>
<td><em>Felis yagouaroundi cacomitli</em></td>
<td>U.S.A. (AZ, CA, LA, NM, TX), Mexico, Central and South America</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td><em>Felis yagouaroundi fossa</em></td>
<td>Mexico, Nicaragua</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td><em>Felis yagouaroundi panamensis</em></td>
<td>Nicaragua, Costa</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td><em>Felis yagouaroundi tolteca</em></td>
<td>Rica, Panama</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, Fresno</td>
<td><em>Dipodomys nitratoides exilis</em></td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>170</td>
<td>17.95(a)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------------------------------</td>
<td>---------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, giant</td>
<td>Dipodomys ingens</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>251</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, Morro Bay</td>
<td>Dipodomys heermanni morroensis</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>2</td>
<td>17.95(a)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, San Bernardino</td>
<td>Dipodomys merriami parvus</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>632E, 645</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, Stephens'</td>
<td>Dipodomys stephensi (incl. D. cascus)</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>338</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kangaroo rat, Tipton</td>
<td>Dipodomys nitratoides nitratoides</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>312</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kangaroo, Tasmanian forester</td>
<td>Macropus giganteus tasmaniensis</td>
<td>Australia (Tasmania)</td>
<td>do</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Kourprey</td>
<td>Bos sauveli</td>
<td>Vietnam, Laos, Cambodia, Thailand</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, capped</td>
<td>Presbytis pileata</td>
<td>India, Burma, Bangladesh</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, Douc</td>
<td>Pygathrix nemaeus</td>
<td>Cambodia, Laos, Vietnam</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, entellus</td>
<td>Presbytis entellus</td>
<td>China (Tibet), India, Pakistan, Kashmir, Sri Lanka, Sikkim, Bangladesh</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, Francois'</td>
<td>Presbytis francoisi</td>
<td>China (Kwangsi), Indochina</td>
<td>do</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, golden</td>
<td>Presbytis geei</td>
<td>India (Assam), Bhutan</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, long-tailed</td>
<td>Presbytis potenziani</td>
<td>Indonesia</td>
<td>do</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Langur, Pagi Island</td>
<td>Nasalis (Simias) concolor</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Langur, purple-faced</td>
<td>Presbytis senex</td>
<td>Sri Lanka</td>
<td>do</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Lechwe, red</td>
<td>Kobus leche</td>
<td>Southern Africa</td>
<td>do</td>
<td>T</td>
<td>3, 15, 106</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Animal Type</td>
<td>Scientific Name</td>
<td>Taxonomy</td>
<td>Distribution</td>
<td>Status</td>
<td>Page</td>
<td>Code</td>
<td>Code</td>
<td>Code</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------</td>
<td>---------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td>Lemurs</td>
<td>Lemuridae (incl. genera Lemur, Phaner, Hapalemur, Lepilemur, Microcebus, Allocebus, Cheirogaleus, Varecia)</td>
<td>Malagasy Republic (=Madagascar).</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>3, 15, 15A</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Leopard</td>
<td>Panthera pardus</td>
<td>Africa, Asia</td>
<td>Wherever found, except where it is listed as Threatened as set forth below.</td>
<td>E</td>
<td>3, 5, 114</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>...do</td>
<td>...do</td>
<td>In Africa, in the wild, south of, and including, the following countries: Gabon, Congo, Zaire, Uganda, Kenya.</td>
<td>T</td>
<td>3, 5, 114</td>
<td>NA</td>
<td>17.40(f)</td>
<td></td>
</tr>
<tr>
<td>Leopard, clouded</td>
<td>Neofelis nebulosa</td>
<td>Southeastand south-central Asia, Taiwan, Southeastern and south-central Asia, Taiwan.</td>
<td>Entire ...............................................................................</td>
<td>E</td>
<td>3, 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Leopard, snow</td>
<td>Panthera uncia</td>
<td>Central Asia</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>5</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Linsang, spotted</td>
<td>Prionodon pardicolor</td>
<td>Nepal, Assam, Vietnam, Cambodia, Laos, Burma.</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Lion, Asiatic</td>
<td>Panthera leo persica</td>
<td>Turkey to India</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Lion, mountain</td>
<td>Felis concolor (all subsp. except cory).</td>
<td>Canada to South America.</td>
<td>U.S.A. (FL) ....................................................................</td>
<td>T(S/A)</td>
<td>432</td>
<td>NA</td>
<td>17.40(h)</td>
<td></td>
</tr>
<tr>
<td>Loris, lesser slow</td>
<td>Nycticebus pygmaeus</td>
<td>Indochina.</td>
<td>Entire ........................................................................</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Lynx, Spanish</td>
<td>Felis (=Lynx) pardina</td>
<td>Spain, Portugal.</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Macaque, Formosan rock.</td>
<td>Macaca cyclopis</td>
<td>Taiwan.</td>
<td>...do ........................................................................</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Macaque, Japanese</td>
<td>Macaca fuscata</td>
<td>Japan (Shikoku, Kyushu and Honshu Islands).</td>
<td>...do ........................................................................</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Macaque, lion-tailed</td>
<td>Macaca silenus</td>
<td>India.</td>
<td>...do ........................................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Macaque, stump-tailed</td>
<td>Macaca arctoides</td>
<td>India (Assam) to southern China.</td>
<td>.....do ................................</td>
<td>T 16 NA</td>
<td>NA 17.40(c)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macaque, Toque</td>
<td>Macaca sinica</td>
<td>Sri Lanka</td>
<td>.....do ................................</td>
<td>T 16 NA</td>
<td>NA 17.40(c)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manatee, Amazonian</td>
<td>Trichechus inunguis</td>
<td>South America (Amazon R. basin), West Coast of Africa from Senegal R. to Cuanza R.</td>
<td>.....do ................................</td>
<td>E 3 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manatee, West African</td>
<td>Trichechus senegalensis</td>
<td></td>
<td>.....do ................................</td>
<td>T 52 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manatee, West Indian</td>
<td>Trichechus manatus</td>
<td>U.S.A. (southeastern), Caribbean Sea, South America</td>
<td>.....do ................................</td>
<td>E 1, 3 17.95(a) 17.108</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mandrill</td>
<td>Papio sphinx</td>
<td>Equatorial West Africa</td>
<td>.....do ................................</td>
<td>E 16 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mangabey, Tana River</td>
<td>Cercocebus galeritus</td>
<td>Kenya</td>
<td>.....do ................................</td>
<td>E 3 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mangabey, white-col-</td>
<td>Cercocebus torquatus</td>
<td>Senegal to Ghana; Nigeria to Gabon.</td>
<td>.....do ................................</td>
<td>E 16 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Margay</td>
<td>Felis wiedii</td>
<td>U.S.A. (TX), Central and South America</td>
<td>Mexico southward</td>
<td>E 5 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Markhor, Kabal</td>
<td>Capra falconeri megaceros</td>
<td>Afghanistan, Pakistan</td>
<td>Entire</td>
<td>E 15 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Markhor, straight-homed.</td>
<td>Capra falconeri jerdoni</td>
<td></td>
<td>.....do ................................</td>
<td>E 15 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marmoset, buff-headed</td>
<td>Callithrix flaviceps</td>
<td>Brazil</td>
<td>.....do ................................</td>
<td>E 139 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marmoset, buffy tufted-ear.</td>
<td>Callithrix jacchus aurita</td>
<td></td>
<td>.....do ................................</td>
<td>E 233 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marmoset, cotton-top.</td>
<td>Saguinus oedipus</td>
<td>Costa Rica to Colombia</td>
<td>.....do ................................</td>
<td>E 16 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marmoset, Goeldi's</td>
<td>Callimico goeldii</td>
<td>Brazil, Colombia, Ecuador, Peru, Bolivia</td>
<td>.....do ................................</td>
<td>E 3 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marmot, Vancouver Island.</td>
<td>Marmota vancouverensis</td>
<td>Canada (Vancouver Island)</td>
<td>.....do ................................</td>
<td>E 139 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsupial, eastern</td>
<td>Antechinomys laniger</td>
<td>Australia</td>
<td>.....do ................................</td>
<td>E 4 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsupial-mouse, large desert.</td>
<td>Smirnopsis psammophila.</td>
<td></td>
<td>.....do ................................</td>
<td>E 4 NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Scientific Name</td>
<td>Range</td>
<td>Status</td>
<td>Population</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>----------------------------------------</td>
<td>------------------------------------------</td>
<td>--------</td>
<td>------------</td>
<td>--------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marsupial-mouse, long-tailed</td>
<td>Sminthopsis longicaudata.</td>
<td>Taiwan</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marten, Formosan yellow-throated</td>
<td>Martes flavigula chrysospila.</td>
<td>Equatorial Guinea, People's Republic of Congo, Cameroon, Gabon.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, black colobus</td>
<td>Colobus satanas</td>
<td>.....do</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, black howler</td>
<td>Alouatta pigra</td>
<td>Mexico, Guatemala, Belize.</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, Diana</td>
<td>Cercopithecus diana</td>
<td>Coastal West Africa</td>
<td>E</td>
<td>400</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey (=langur), Guizhou snub-nosed</td>
<td>Rhinopithecus (=Pygathrix) brelichi</td>
<td>China</td>
<td>E</td>
<td>400</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, howler</td>
<td>Alouatta palliata (=villosa)</td>
<td>Mexico to South America.</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, L’hoest’s</td>
<td>Cercopithecus lhoesti</td>
<td>Upper eastern Congo R. Basin, Cameroon.</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, Preuss' red colobus</td>
<td>Colobus badius preussi</td>
<td>Cameroon</td>
<td>E</td>
<td>139</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, proboscis</td>
<td>Nasalis larvatus</td>
<td>Borneo</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, red-backed squirrel</td>
<td>Saimiri oerstedii</td>
<td>Costa Rica, Panama</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, red-bellied</td>
<td>Cercopithecus erythrogaster.</td>
<td>Western Nigeria</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, red-eared nose-spotted</td>
<td>Cercopithecus erythotis</td>
<td>Nigeria, Cameroon, Fernando Po.</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey (=langur), Sichuan snub-nosed</td>
<td>Rhinopithecus (=Pygathrix) roxelliana.</td>
<td>China</td>
<td>E</td>
<td>400</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, spider</td>
<td>Ateles geoffroyi frontatus.</td>
<td>Costa Rica, Nicaragua</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>Ateles geoffroyi panamensis.</td>
<td>Costa Rica, Panama</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, Tana River red colobus</td>
<td>Colobus rufohmitrus (=badius) rufohmitrus.</td>
<td>Kenya</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>------------------------------------</td>
<td>----------------------------------</td>
<td>---------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Monkey (=langur), Tonkin snub-nosed.</td>
<td>Vietnam..............................</td>
<td>do..................................</td>
<td>E 16, 400 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, woolly spider</td>
<td>Brazil ..............................</td>
<td>do..................................</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, yellow-tailed woolly</td>
<td>Andes of northern Peru.</td>
<td>do..................................</td>
<td>E 16 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey (=langur), Yunnan snub-nosed.</td>
<td>China................................</td>
<td>do..................................</td>
<td>E 400 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monkey, Zanzibar red colobus.</td>
<td>Tanzania............................</td>
<td>do..................................</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mountain beaver, Point Arena.</td>
<td>U.S.A. (CA)...........................</td>
<td>do..................................</td>
<td>E 454 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Alabama beach.</td>
<td>U.S.A. (AL)...........................</td>
<td>do..................................</td>
<td>E 183 17.95(a) NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Anastasia Island beach.</td>
<td>U.S.A. (FL)...........................</td>
<td>do..................................</td>
<td>E 349 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Australian native.</td>
<td>Australia............................</td>
<td>do..................................</td>
<td>E 15 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Chocotawhatchee beach.</td>
<td>U.S.A. (FL)...........................</td>
<td>do..................................</td>
<td>E 183 17.95(a) NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Field's</td>
<td>Australia............................</td>
<td>do..................................</td>
<td>E 4 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Gould's</td>
<td>U.S.A. (FL)...........................</td>
<td>do..................................</td>
<td>E 6 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Key Largo cotton.</td>
<td>U.S.A. (FL)...........................</td>
<td>do..................................</td>
<td>E 131E NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, New Holland</td>
<td>Australia............................</td>
<td>do..................................</td>
<td>E 4 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Pacific pocket</td>
<td>U.S.A. (CA)...........................</td>
<td>do..................................</td>
<td>E 526E, 554 NA NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Conservation Status</td>
<td>U.S.</td>
<td>U.S.</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>---------------------</td>
<td>-----</td>
<td>-----</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Preble's meadow jumping</td>
<td>T</td>
<td>636</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, salt marsh harvest</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Shark Bay</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, Shortridge's</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, smoky</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mouse, southeastern beach</td>
<td>T</td>
<td>349</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muntjac, Fea's</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Native-cat, eastern</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numbat</td>
<td>E</td>
<td>4, 6</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ocelot</td>
<td>E</td>
<td>5, 119</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orangutan</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oryx, Arabian</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, Cameroon clawless</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, giant</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, long-tailed</td>
<td>E</td>
<td>3, 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, marine</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, southern river</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Otter, southern sea</td>
<td>T</td>
<td>21, 284</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>---------------------------------------------</td>
<td>----------------------</td>
<td>--------------------------------</td>
<td>-------------------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Panda, giant</td>
<td>Ailuropoda melanoleuca</td>
<td>China</td>
<td>Entire</td>
<td>E</td>
<td>139</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pangolin (=scaly ant-eater)</td>
<td>Manis temmincki</td>
<td>Africa</td>
<td>...do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Panther, Florida</td>
<td>Felis concolor coryi</td>
<td>U.S.A. (LA and AR east to SC and FL)</td>
<td>...do</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Planigale, little</td>
<td>Planigale ingrami subtilissima</td>
<td>Australia</td>
<td>...do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Planigale, southern</td>
<td>Planigale tenirostris</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Porcupine, thin-spined</td>
<td>Chaetomys subspinosus</td>
<td>Brazil</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Possum, Leadbeater's</td>
<td>Gymnobelideus leadbeateri</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>233</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Possum, mountain pygmy</td>
<td>Burramys parvus</td>
<td>Australia</td>
<td>...do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Possum, scaly-tailed</td>
<td>Wyulda squamicaudata</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Prairie dog, Mexican</td>
<td>Cynomys mexicanus</td>
<td>Mexico</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Prairie dog, Utah</td>
<td>Cynomys parvidens</td>
<td>U.S.A. (UT)</td>
<td>...do</td>
<td>T</td>
<td>6, 149</td>
<td>NA</td>
<td>17.40(g)</td>
<td></td>
</tr>
<tr>
<td>Pronghorn, peninsular</td>
<td>Antilocapra americana peninsularis</td>
<td>Mexico (Baja California)</td>
<td>...do</td>
<td>E</td>
<td>10</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pronghorn, Sonoran</td>
<td>Antilocapra americana sonoriensis</td>
<td>U.S.A. (AZ), Mexico</td>
<td>...do</td>
<td>E</td>
<td>1, 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pudu</td>
<td>Pudu pudu</td>
<td>Southern South America.</td>
<td>...do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Status</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>--------------</td>
<td>--------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Puma, Costa Rican</td>
<td><em>Felis concolor costaricensis</em></td>
<td>Nicaragua, Panama, Costa Rica</td>
<td>E</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quokka</td>
<td><em>Setonix brachyurus</em></td>
<td>Australia</td>
<td>E</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rabbit, Lower Keys</td>
<td><em>Sylvilagus palustris heperti</em></td>
<td>U.S.A. (FL)</td>
<td>E</td>
<td>390</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rabbit, Ryukyu</td>
<td><em>Pentalagus fumessi</em></td>
<td>Japan (Ryukyu Islands)</td>
<td>E</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rabbit, volcano</td>
<td><em>Romerolagus diazi</em></td>
<td>Mexico</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat, false water</td>
<td><em>Xeromys myoides</em></td>
<td>Australia</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat, stick-nest</td>
<td><em>Leporillus conditor</em></td>
<td>U.S.A. (FL)</td>
<td>E</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat-kangaroo, brush-tailed</td>
<td><em>Bettongia penicillata</em></td>
<td>Japan</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat-kangaroo, Gaimard's</td>
<td><em>Bettongia gaimardi</em></td>
<td>...do...</td>
<td>E</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat-kangaroo, Lesueur's</td>
<td><em>Bettongia lesueur</em></td>
<td>...do...</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat-kangaroo, plain</td>
<td><em>Caloprymnus campestris</em></td>
<td>...do...</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rat-kangaroo, Queensland</td>
<td><em>Bettongia tropica</em></td>
<td>...do...</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhinoceros, black</td>
<td><em>Diceros bicornis</em></td>
<td>Sub-Saharan Africa</td>
<td>E</td>
<td>97</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhinoceros, great Indian</td>
<td><em>Rhinoceros unicornis</em></td>
<td>India, Nepal</td>
<td>E</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhinoceros, Javan</td>
<td><em>Rhinoceros sondaicus</em></td>
<td>Indonesia, Indochina, Burma, Thailand, Sikkim, Bangladesh, Malaysia</td>
<td>...do...</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhinoceros, northern white</td>
<td><em>Ceratotherium simum cottoni</em></td>
<td>Zaire, Sudan, Uganda, Central African Republic</td>
<td>...do...</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhinoceros, Sumatran</td>
<td><em>Dicerorhinus (=Dicerorhinus) sumatrensis</em></td>
<td>Bangladesh to Vietnam to Indonesia (Borneo)</td>
<td>...do...</td>
<td>E</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rice rat (=silver rice rat)</td>
<td><em>Orzyromys palustris natator (=O. argentatus)</em></td>
<td>U.S.A. (FL) Lower FL Keys (west of Seven Mile Bridge)</td>
<td>E</td>
<td>421</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saiga, Mongolian (antelope)</td>
<td><em>Saiga tatarica mongolica</em></td>
<td>Mongolia</td>
<td>E</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------------------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Saki, southern bearded.</td>
<td>Chiropotes satanas satanas.</td>
<td>Brazil</td>
<td>.....do ................................</td>
<td>E 233</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saki, white-nosed</td>
<td>Chiropotes albinasus</td>
<td>U.S.A. (AK, CA, OR, WA)</td>
<td>.....do ................................</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sea-lion, Steller (=northern).</td>
<td>Eumetopias jubatus</td>
<td>North Pacific Ocean</td>
<td>Entire, except the population segment west of 144° W. Long.</td>
<td>T 384E</td>
<td>408</td>
<td>614</td>
<td>226.12</td>
<td>227.12</td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Brazil</td>
<td>.....do ................................</td>
<td>E 384E</td>
<td>408</td>
<td>614</td>
<td>226.12</td>
<td>NA</td>
</tr>
<tr>
<td>Seal, Caribbean monk</td>
<td>Monachus tropicalis</td>
<td>Caribbean Sea, Gulf of Mexico</td>
<td>Entire ................................</td>
<td>E 1, 2D</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seal, Guadalupe fur</td>
<td>Arctocephalus townsendi</td>
<td>U.S.A. (Farallon Islands of CA)</td>
<td>.....do ................................</td>
<td>T 1, 2D</td>
<td>212</td>
<td>227.11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seal, Hawaiian monk</td>
<td>Monachus schauinsland.</td>
<td>U.S.A. (Hi)</td>
<td>.....do ................................</td>
<td>E 18</td>
<td>226.11</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seal, Mediterranean monk.</td>
<td>Monachus monachus</td>
<td>Mediterranean, Northwest African Coast and Black Sea.</td>
<td>.....do ................................</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seal, Saimaa</td>
<td>Phoca hispida saimensis</td>
<td>Finland (Lake Saimaa)</td>
<td>.....do ................................</td>
<td>E 508</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seledang (=Gaur)</td>
<td>Bos gaurus</td>
<td>Bangladesh, Southeast Asia, India.</td>
<td>.....do ................................</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serow</td>
<td>Capricornis sumatraënsis</td>
<td>East Asia, Sumatra</td>
<td>.....do ................................</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Serval, Barbary</td>
<td>Felix serval constantina</td>
<td>Algeria</td>
<td>.....do ................................</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shapo</td>
<td>Ovis vignei vignei</td>
<td>Kashmir</td>
<td>.....do ................................</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sheep, bighorn (Peninsular Ranges pop.)</td>
<td>Ovis canadensis</td>
<td>U.S.A. (Western contiguous states), Canada (southwestern), Mexico (northern).</td>
<td></td>
<td>E 634</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Status</td>
<td>Range</td>
<td>E</td>
<td>T</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------</td>
<td>--------------------------------------------</td>
<td>---</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shou</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shrew, D dismal Swamp</td>
<td></td>
<td></td>
<td>T</td>
<td>246</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Siamang</td>
<td></td>
<td></td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sifakas</td>
<td></td>
<td></td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sloth, Brazilian three-toed</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solenodon, Cuban</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solenodon, Haitian</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squirrel, Carolina</td>
<td></td>
<td></td>
<td>E</td>
<td>189</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squirrel, Delmarva Peninsula</td>
<td></td>
<td></td>
<td>E</td>
<td>161</td>
<td>168</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td></td>
<td>XN</td>
<td>161</td>
<td>NA</td>
<td>17.84(a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squirrel, Mount Graham red</td>
<td></td>
<td></td>
<td>E</td>
<td>268</td>
<td>17.95(a)</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stag, Barbary</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stag, Kashmir</td>
<td></td>
<td></td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suni, Zanzibar</td>
<td></td>
<td></td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tahr, Arabian</td>
<td></td>
<td></td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tamaraw</td>
<td></td>
<td></td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Tamarin (=marmoset), golden-rumped (=golden-headed).</td>
<td>Leontopithecus (=Leontideus) spp..</td>
<td>Brazil</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tamarin, pied</td>
<td>Saginus bicolor</td>
<td>Brazil</td>
<td>....do</td>
<td>E</td>
<td>16</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tamarin, white-footed</td>
<td>Saginus leucopus</td>
<td>Colombia</td>
<td>....do</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Tapir, Asian</td>
<td>Tapirus indicus</td>
<td>Burma, Laos, Cambodia, Vietnam, Malaysia, Indonesia, Thailand</td>
<td>....do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tapir, Brazilian</td>
<td>Tapirus terrestris</td>
<td>Colombia and Venezuela south to Paraguay and Argentina</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tapir, Central American.</td>
<td>Tapirus bairdii</td>
<td>Southern Mexico to Colombia and Ecuador.</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tapir, mountain</td>
<td>Tapirus pinchaque</td>
<td>Colombia, Ecuador and possibly Peru and Venezuela.</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tarsier, Philippine</td>
<td>Tarsius syrichta</td>
<td>Philippines</td>
<td>....do</td>
<td>T</td>
<td>16</td>
<td>NA</td>
<td>17.40(c)</td>
<td></td>
</tr>
<tr>
<td>Tiger</td>
<td>Panthera tigris</td>
<td>Temperate and tropical Asia.</td>
<td>....do</td>
<td>E</td>
<td>3, 5</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tiger, Tasmanian (=Thylacine).</td>
<td>Thylacinus cynocephalus</td>
<td>Australia</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Uakari (all species)</td>
<td>Cacajao spp.</td>
<td>Peru, Brazil, Ecuador, Colombia, Venezuela.</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Urial</td>
<td>Ovis musimon (=orientalis) ophion.</td>
<td>Cyprus</td>
<td>....do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vicuna</td>
<td>Vicugna vicugna</td>
<td>South America (Andes).</td>
<td>....do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vole, Amargosa</td>
<td>Microtus californicus scirpensis.</td>
<td>U.S.A. (CA)</td>
<td>....do</td>
<td>E</td>
<td>166</td>
<td>17.95(a)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Animal Type</td>
<td>Scientific Name</td>
<td>Location</td>
<td>Status</td>
<td>IUCN</td>
<td>Population</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>----------</td>
<td>--------</td>
<td>------</td>
<td>------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vole, Florida salt marsh</td>
<td>Microtus pennsylvanicus dukecampbelli</td>
<td>U.S.A. (FL)</td>
<td>do</td>
<td>E</td>
<td>415</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vole, Hualapai Mexican</td>
<td>Microtus mexicanus hualpaiensis</td>
<td>U.S.A. (AZ)</td>
<td>do</td>
<td>E</td>
<td>292</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wallaby, banded hare</td>
<td>Lagorchestes hirsutus</td>
<td>Australia</td>
<td>do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wallaby, brindled nail-tailed</td>
<td>Onychogalea fraenata</td>
<td>Australia</td>
<td>do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wallaby, crescent nail-tailed</td>
<td>Onychogalea lunata</td>
<td>Australia</td>
<td>do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wallaby, Parma</td>
<td>Macropus parma</td>
<td>U.S.A. (AZ)</td>
<td>do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wallaby, western hare</td>
<td>Petrogale xanthopus</td>
<td>Australia</td>
<td>do</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, blue</td>
<td>Balaenoptera musculus</td>
<td>Oceanic</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, bowhead</td>
<td>Balaena mysticetus</td>
<td>Oceanic (north latitudes only)</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, finback</td>
<td>Balaenoptera physalus</td>
<td>Oceanic</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, yellow-footed rock</td>
<td>Eschrichtius robustus</td>
<td>North Pacific Ocean—coastal and Bering Sea, formerly North Atlantic Ocean.</td>
<td>do</td>
<td>E</td>
<td>3, 540</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, humpback</td>
<td>Megaptera novaeangliae</td>
<td>Oceanic</td>
<td>Entire</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>222.31</td>
<td></td>
</tr>
<tr>
<td>Whale, right</td>
<td>Balaena glacialis (incl. australis)</td>
<td>Oceanic</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>226.13</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, Sei</td>
<td>Balaenoptera borealis</td>
<td>Oceanic</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Whale, sperm</td>
<td>Physeter macrocephalus (=catodon)</td>
<td>Oceanic</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-----------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Wolf, gray</td>
<td>Canis lupus</td>
<td>Holarctic</td>
<td>U.S.A., conterminous (lower 48) States, except MN and where listed as an experimental population; Mexico.</td>
<td>E</td>
<td>1, 6, 13, 15, 35, 561, 562, 631</td>
<td>17.95(a)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>...do</td>
<td>...do</td>
<td>U.S.A. (MN)</td>
<td>T</td>
<td>35</td>
<td>17.95(a)</td>
<td>17.40(d)</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>...do</td>
<td>...do</td>
<td>U.S.A. (WY and portions of ID and MT—see 17.84(i)).</td>
<td>XN</td>
<td>561, 562</td>
<td>NA</td>
<td>17.84(j)</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>...do</td>
<td>...do</td>
<td>U.S.A. (portions of AZ, NM and TX—see 17.84(k)).</td>
<td>XN</td>
<td>631</td>
<td>NA</td>
<td>17.84(k)</td>
<td></td>
</tr>
<tr>
<td>Wolf, maned</td>
<td>Chrysocyon</td>
<td>Argentina, Bolivia, Brazil, Paraguay, Uruguay.</td>
<td>Entire</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wolf, red</td>
<td>Canis rufus</td>
<td>U.S.A. (SE U.S.A., west to central TX).</td>
<td>Entire, except where listed as experimental populations below.</td>
<td>E</td>
<td>1, 248, 449, 579</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>...do</td>
<td>...do</td>
<td>U.S.A. (portions of NC and TN—see 17.84(c)).</td>
<td>XN</td>
<td>248, 449, 579</td>
<td>17.84(c)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wombat, hairy-nosed (=Barnard's and Queensland hairy-nosed).</td>
<td>Lasiorhinus krefftii (formerly L. barnardi and L. gillespiei).</td>
<td>Australia</td>
<td>Entire</td>
<td>E</td>
<td>4, 6</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Woodrat, Key Largo</td>
<td>Neotoma floridana small.</td>
<td>U.S.A. (FL)</td>
<td>...do</td>
<td>E</td>
<td>131, 160</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Yak, wild</td>
<td>Bos grunniens mutus</td>
<td>China (Tibet), India</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Zebra, Grevy's</td>
<td>Equus grevyi</td>
<td>Kenya, Ethiopia, Somalia</td>
<td>...do</td>
<td>T</td>
<td>54</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Zebra, Hartmann's mountain</td>
<td>Equus zebra hartmannae.</td>
<td>Namibia, Angola</td>
<td>...do</td>
<td>T</td>
<td>54, 111</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Status</td>
<td>Year</td>
<td>PA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------</td>
<td>----------------------------</td>
<td>--------</td>
<td>------</td>
<td>----</td>
<td>----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zebra, mountain</td>
<td><em>Equus zebra zebra</em></td>
<td>South Africa</td>
<td>E</td>
<td>15</td>
<td>111</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Akepa, Hawaii (honeycreeper)</td>
<td><em>Loxops coccineus coccineus</em></td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Akepa, Maui (honeycreeper)</td>
<td><em>Loxops coccineus ochraceus</em></td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Akialoa, Kauai (honeycreeper)</td>
<td><em>Hemignathus procerus</em></td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Akiapola'au (honeycreeper)</td>
<td><em>Hemignathus munroi (=wilsoni)</em></td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albatross, Amsterdam</td>
<td><em>Diomedea amerdamensis</em></td>
<td>Indian Ocean—Amsterdam Island.</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Albatross, short-tailed</td>
<td><em>Diomedea albatrus</em></td>
<td>North Pacific Ocean and Bering Sea—Japan, China, Russia, U.S.A. (AK, CA, HI, OR, WA).</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Akepa, Hawaii (honeycreeper)</td>
<td><em>Alethe choloensis</em></td>
<td>Malawi, Mozambique</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blackbird, yellow-shouldered.</td>
<td><em>Agelaius xanthomus</em></td>
<td>U.S.A. (PR)</td>
<td>E</td>
<td>17</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bobwhite, masked (quail)</td>
<td><em>Colinus virginianus ridgwayi</em></td>
<td>U.S.A. (AZ), Mexico (Sonora).</td>
<td>E</td>
<td>1</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Booby, Abbott's</td>
<td><em>Sula abbotti</em></td>
<td>Indian Ocean—Christmas Island.</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bristlebird, western</td>
<td><em>Dasyornis brachypterus longirostris.</em></td>
<td>Australia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bristlebird, western rufous.</td>
<td><em>Dasyornis broadbenti littoralis.</em></td>
<td>Australia</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Broadbill, Guam</td>
<td><em>Myiagra freycineti</em></td>
<td>Western Pacific Ocean—U.S.A. (Guam).</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulbul, Mauritius olivaceus.</td>
<td><em>Hypsipetes borbonicus olivaceus.</em></td>
<td>Indian Ocean—Mauritius.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullfinch, Sao Miguel (finch)</td>
<td><em>Pyrrhula pyrrhula murina.</em></td>
<td>Eastern Atlantic Ocean—Azores.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bush-shrike, Uluguru.</td>
<td><em>Malacoctonus alius</em></td>
<td>Tanzania</td>
<td>T</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Bushwren, New Zealand</td>
<td><em>Xenicus longipes</em></td>
<td>New Zealand</td>
<td>...do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Bustard, great Indian</td>
<td><em>Choriotis nigriceps</em></td>
<td>India, Pakistan</td>
<td>...do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cahow (=Bermuda petrel)</td>
<td><em>Pterodroma cahow</em></td>
<td>North Atlantic Ocean—Bermuda</td>
<td>...do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Caracara, Audubon’s crested</td>
<td><em>Polyborus plancus auduboni</em></td>
<td>U.S.A. (AZ, FL, LA, NM, TX) south to Panama; Cuba</td>
<td>...do ........................................</td>
<td>U.S.A. (FL)</td>
<td>280</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Condor, Andean</td>
<td><em>Vultur grifus</em></td>
<td>Colombia to Chile and Argentina</td>
<td>Entire .....................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Condor, California</td>
<td><em>Gymnogyps californianus</em></td>
<td>U.S.A. (AZ, CA, OR), Mexico (Baja California)</td>
<td>...do ........................................</td>
<td>E</td>
<td>1,597</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Coot, Hawaiian (=&quot;alae-keokeo&quot;)</td>
<td><em>Fulica americana alai</em></td>
<td>U.S.A. (HI)</td>
<td>Entire .....................................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cottinga, banded</td>
<td><em>Cotinga maculata</em></td>
<td>Brazil</td>
<td>...do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cottinga, white-winged</td>
<td><em>Xipholena atropurpurea</em></td>
<td>...do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crane, black-necked</td>
<td><em>Grus nigricollis</em></td>
<td>China (Tibet)</td>
<td>...do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, Cuba sandhill</td>
<td><em>Grus canadensis nesiotes</em></td>
<td>West Indies—Cuba</td>
<td>...do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, hooded</td>
<td><em>Grus monacha</em></td>
<td>Japan, Russia</td>
<td>...do ........................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, Japanese</td>
<td><em>Grus japonensis</em></td>
<td>China, Japan, Korea, Russia</td>
<td>...do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, Mississippi sandhill</td>
<td><em>Grus canadensis pulla</em></td>
<td>U.S.A. (MS)</td>
<td>...do ........................................</td>
<td>E</td>
<td>6</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, Siberian white</td>
<td><em>Grus leucogeranus</em></td>
<td>C.I.S. (Siberia) to India, including Iran and China</td>
<td>...do ........................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Crane, white-naped</td>
<td><em>Grus vipio</em></td>
<td>Mongolia</td>
<td>...do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Scientific Name</td>
<td>Usual Range</td>
<td>Environmental Status</td>
<td>Recovery Goal</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------</td>
<td>-----------------------------------------------------</td>
<td>----------------------</td>
<td>---------------</td>
<td>-----------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crane, whooping</td>
<td>Grus americana</td>
<td>Canada, U.S.A. (Rocky Mountains east to Carolinas), Mexico.</td>
<td>E 1, 3</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do U.S.A. (CO, ID, FL, NM, UT, WY).</td>
<td>E</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creeper, Hawaii</td>
<td>Oreomystis (=Loxops) mana.</td>
<td>U.S.A. (HI)</td>
<td>E 2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creeper, Molokai (=kakawahie)</td>
<td>Paroreomyza (=Oreomystis, =Loxops) flammea.</td>
<td>do Entire</td>
<td>E 2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creeper, Oahu (=alauwahio).</td>
<td>Paroreomyza (=Oreomystis, =Loxops) maculata.</td>
<td>do do</td>
<td>E 2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crow, Hawaiian (=alala).</td>
<td>Corvus hawaiiensis (=tropicus).</td>
<td>Western Pacific Ocean—U.S.A. (Guam, Rota).</td>
<td>E 156</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crow, Mariana</td>
<td>Corvus kubaryi</td>
<td>do</td>
<td>E 1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crow, white-necked</td>
<td>Corvus leucograpalus.</td>
<td>U.S.A. (PR), Dominican Republic, Haiti.</td>
<td>E 419</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuckoo-shrike, Mauritius.</td>
<td>Coquus (=Coracina) typicus.</td>
<td>Indian Ocean—Mauritius.</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuckoo-shrike, Reunion.</td>
<td>Coquus (=Coracina) newtoni.</td>
<td>Indian Ocean—Reunion.</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curassow, razor-billed</td>
<td>Mitu (=Crax) mitu.</td>
<td>Brazil (Eastern)</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curassow, red-billed</td>
<td>Crax blumenbachii.</td>
<td>Brazil</td>
<td>E 4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curassow, Trinidad white-headed.</td>
<td>Pipile pipile pipile.</td>
<td>West Indies—Trinidad</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curlew, Eskimo</td>
<td>Numenius borealis.</td>
<td>Alaska and northern Canada to Argentina.</td>
<td>E 1, 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dove, cloven-feathered</td>
<td>Drepanoptila holosceiae.</td>
<td>Southwest Pacific Ocean—New Caledonia.</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dove, Grenada gray-fronted.</td>
<td>Leptostila rufaxilla welsi.</td>
<td>West Indies—Grenada</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Duck, Hawaiian (=koloa).</td>
<td>Anas wyvilliana</td>
<td>U.S.A. (HI)</td>
<td>do</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Duck, Laysan</td>
<td>Anas laysanensis</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Duck, pink-headed</td>
<td>Rhodonessa caryophyllacea</td>
<td>India</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Duck, white-winged wood.</td>
<td>Cairina scutulata</td>
<td>India, Malaysia, Indonesia, Thailand</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, bald</td>
<td>Haliaeetus leucocephalus</td>
<td>North America south to northern Mexico</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, Greenland white-tailed.</td>
<td>Haliaeetus albicilla</td>
<td>Greenland and adjacent Atlantic islands, Mexico south to Argentina</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, harpy</td>
<td>Harpyia harpyja</td>
<td>Madagascar, North America south to northern Mexico</td>
<td>do</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, Madagascar serpent.</td>
<td>Eutriorchis astur</td>
<td>Madagascar</td>
<td>do</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, Madagascar sea.</td>
<td>Haliaeetus vociferoides</td>
<td>Philippines</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, Philippine (=monkey-eating).</td>
<td>Pithecophaga jefferyi</td>
<td>Philippines</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eagle, Spanish imperial.</td>
<td>Aquila heliaca adalberti</td>
<td>Spain, Morocco, Algeria</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Egret, Chinese</td>
<td>Egretta eulophotes</td>
<td>China, Korea</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eider, spectacled (=Arctonetta, =Lampronetta) fischeri.</td>
<td>Somateria</td>
<td>U.S.A. (AK), Russia</td>
<td>do</td>
<td>T</td>
<td>503</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Eider, Steller's</td>
<td>Polysticta stelleri</td>
<td>U.S.A. (AK), Russia, winters to Scandinavia, Nest from central Alaska across north-central Canada to central Mexico, winters to South America</td>
<td>do</td>
<td>T</td>
<td>616</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Falcon, American peregrine.</td>
<td>Falco peregrinus anatum</td>
<td>Entire</td>
<td>do</td>
<td>E</td>
<td>2, 3, 145</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Description</td>
<td>Distribution</td>
<td>Status</td>
<td>QA Categories</td>
<td>QA Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------</td>
<td>--------</td>
<td>---------------</td>
<td>----------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Falcon, Eurasian peregrine</strong></td>
<td><em>Falco peregrinus peregrinus.</em></td>
<td>Europe, Eurasia south to Africa and Mideast.</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Falcon, northern aplomado</strong></td>
<td><em>Falco femoralis septentrionalis.</em></td>
<td>U.S.A. (AZ, NM, TX), Mexico, Guatemala.</td>
<td>E</td>
<td>216</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Falcon, peregrine</strong></td>
<td><em>Falco peregrinus</em></td>
<td>Worldwide, except Antarctica and most Pacific islands.</td>
<td>E</td>
<td>145</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Finch, Laysan (honeycreeper)</strong></td>
<td><em>Telespyza (=Psittirostra) cantans.</em></td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Finch, Nihoa (honeycreeper)</strong></td>
<td><em>Telespyza (=Psittirostra) ultima.</em></td>
<td>.....do .........................................................................................................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flycatcher, Euler’s paradise</strong></td>
<td><em>Empidonax euleri johnstonei.</em></td>
<td>West Indies—Greenada.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flycatcher, Seychelles paradise</strong></td>
<td><em>Terpsiphone corvina</em></td>
<td>Indian Ocean—Seychelles.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flycatcher, southwestern willow</strong></td>
<td><em>Empidonax trailli extimus.</em></td>
<td>U.S.A. (AZ, CA, CO, NM, TX, UT), Mexico.</td>
<td>E</td>
<td>577</td>
<td>17.95(b)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flycatcher, Tahiti</strong></td>
<td><em>Pomarea nigra</em></td>
<td>South Pacific—Tahiti.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fody, Mauritius</strong></td>
<td><em>Foudia rubra</em></td>
<td>Indian Ocean—Mauritius.</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fody, Rodrigues</strong></td>
<td><em>Foudia flavicans</em></td>
<td>Indian Ocean—Rodrigues Island (Mauritius).</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fody, Seychelles (weaver-finch)</strong></td>
<td><em>Foudia sechellarum</em></td>
<td>Indian Ocean—Seychelles.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Francolin, Djibouti</strong></td>
<td><em>Francolinus ochropeckus.</em></td>
<td>Djibouti</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Frigatebird, Andrew’s</strong></td>
<td><em>Fregata andrewsi</em></td>
<td>East Indian Ocean ...</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Gnatcatcher, coastal California</strong></td>
<td><em>Polioptila californica californica.</em></td>
<td>U.S.A. (CA), Mexico ...</td>
<td>T</td>
<td>496</td>
<td>17.41(b)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Goose, Aleutian Canada.</strong></td>
<td><em>Branta canadensis leucopareia.</em></td>
<td>U.S.A. (AK, CA, OR, WA), Japan.</td>
<td>T</td>
<td>1, 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------------------</td>
<td>----------------------------------------</td>
<td>-------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Goose, Hawaiian (=nene)</td>
<td>Nesochen (=Branta) sandvicensis.</td>
<td>U.S.A. (HI) do</td>
<td>E 1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goshawk, Christmas Island.</td>
<td>Accipiter fasciatus natalis.</td>
<td>Indian Ocean—Christmas Island.</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grackle, slender-billed</td>
<td>Quiscalus (=Cassidix) palustris.</td>
<td>Mexico do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grasswren, Eyrean (flycatcher).</td>
<td>Amytornis goyderi ...</td>
<td>Australia do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grebe, Alaotra</td>
<td>Tachybaptus rufolavus.</td>
<td>Madagascar do</td>
<td>E 571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grebe, Attilian</td>
<td>Podilymbus gigas</td>
<td>Guatemala do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenshank, Nordmann’s.</td>
<td>Tringa guttifer ...</td>
<td>Russia, Japan, south to Malaya, Borneo.</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guan, horned</td>
<td>Oreophis derbianus</td>
<td>Guatemala do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guan, white-winged ........</td>
<td>Penelope albibennis</td>
<td>Peru do</td>
<td>E 401</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guineafowl, white-breasted.</td>
<td>Agelastes melanagrides.</td>
<td>West Africa do</td>
<td>T 571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gull, Audouin’s</td>
<td>Larus audouini ...</td>
<td>Mediterranean Sea do</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gull, relict</td>
<td>Larus relictus ...</td>
<td>India do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hawk, Anjouan Island sparrow.</td>
<td>Accipiter francesil pusillus.</td>
<td>Indian Ocean—Comoro Islands, Ecuador (Galapagos Islands).</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hawk, Galapagos ....</td>
<td>Buteo galapagoensis</td>
<td>Comoro Islands, Ecuador (Galapagos Islands).</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hawk, Hawaiian (=io)</td>
<td>Buteo solitarius ...</td>
<td>U.S.A. (HI) do</td>
<td>E 1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hawk, Puerto Rican sharp-shinned.</td>
<td>Accipiter striatus venator.</td>
<td>do do</td>
<td>E 550</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hermit, hook-billed (hummingbird).</td>
<td>Glaucis (=Ramphodon) dohrnli.</td>
<td>Brazil do</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honeycreeper, crested (=akohekohe).</td>
<td>Palmeria dolei ...</td>
<td>U.S.A. (HI) do</td>
<td>E 1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honeyeater, helmeted</td>
<td>Meliphaga cassidix</td>
<td>Australia do</td>
<td>E 4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Status</td>
<td>Population</td>
<td>Area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>--------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------</td>
<td>------------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hornbill, helmeted</td>
<td>Rhinoplax vigil</td>
<td>Thailand, Malaysia</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ibis, Japanese crested</td>
<td>Nipponia nippon</td>
<td>China, Japan, Russia/Korea</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ibis, northern bald</td>
<td>Geronticus eremita</td>
<td>Southern Europe, southwestern Asia, northern Africa.</td>
<td>E</td>
<td>401</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scrub-jay, Florida</td>
<td>Aphelocoma coerulescens</td>
<td>U.S.A. (FL)</td>
<td>T</td>
<td>267</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kagu</td>
<td>Rhynochetos jubatus</td>
<td>South Pacific Ocean—New Caledonia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kakapo (=owl-parrot)</td>
<td>Strigops habroptilus</td>
<td>New Zealand</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kestrel, Mauritius</td>
<td>Falco punctatus</td>
<td>Indian Ocean—Mauritius</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kestrel, Seychelles</td>
<td>Falco araea</td>
<td>Indian Ocean—Seychelles Islands</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kingfisher, Guam Micronesian</td>
<td>Halcyon cinnamomina cinnamomina</td>
<td>West Pacific Ocean—U.S.A. (Guam).</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kite, Cuba hook-billed</td>
<td>Chondrohierax uncinatus wilsoni</td>
<td>West Indies—Cuba</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kite, Everglade snail</td>
<td>Rosthramus sociabilis plumbeus</td>
<td>U.S.A. (FL), Cuba</td>
<td>E</td>
<td>1</td>
<td>17.95(b)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kite, Grenada hook-billed</td>
<td>Chondrohierax uncinatus mirus</td>
<td>West Indies—Grenada</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kokako (wattlebird)</td>
<td>Calaeas cinerea</td>
<td>New Zealand</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lark, Raso</td>
<td>Alauda razaer</td>
<td>Atlantic Ocean—Raso Island (Cape Verde)</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macaw, glaucous</td>
<td>Anodorhynchus glaucus</td>
<td>Paraguay, Uruguay, Brazil</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macaw, indigo</td>
<td>Anodorhynchus leari</td>
<td>Brazil</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Macaw, little blue</td>
<td>Cyanopsitta spixii</td>
<td>...do...</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magpie-robin, Seychelles (thrush)</td>
<td>Copsychus sechellarum</td>
<td>...do...</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malimbe, Ibadan</td>
<td>Malimbus ibadanensis</td>
<td>Nigeria</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malkoha, red-faced (cuckoo)</td>
<td>Phaenicophaeus pyrrocephalus</td>
<td>Sri Lanka (=Ceylon)</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------</td>
<td>------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Mallard, Mariana</td>
<td>Anas oustaleti</td>
<td></td>
<td>West Pacific Ocean—U.S.A. (Guam, Mariana Islands).</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>23</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Megapode, Maleo</td>
<td>Macrophthalmus maleo</td>
<td>Megapodius laevis</td>
<td>Indonesia (Celebes)</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Megapode, Micronesian (=La Perouse's)</td>
<td>Macrophthalmus laperous</td>
<td></td>
<td>West Pacific Ocean—Palau Islands, U.S.A. (Mariana Islands).</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Millerbird, Nihoa (old world warbler)</td>
<td>Acrocephalus familiaris kiri</td>
<td></td>
<td>U.S.A. (Hi)</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Monarch, Tinian (old world flycatcher)</td>
<td>Monarcha takatsukasae</td>
<td></td>
<td>West Pacific Ocean—U.S.A. (Mariana Islands).</td>
<td>.....do ..................................................</td>
<td>T</td>
<td>3, 261</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Moorhen (=gallinule), Hawaiian common</td>
<td>Gallinula chloropus sandvicensis</td>
<td></td>
<td>U.S.A. (Hi)</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Moorhen (=gallinule), Marianan common</td>
<td>Gallinula chloropus guami</td>
<td></td>
<td>West Pacific Ocean—U.S.A. (Guam, Tinian, Saipan, Pagan).</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Murrelet, marbled</td>
<td>Brachyramphus marmoratus marmoratus</td>
<td></td>
<td>U.S.A. (AK, CA, OR, WA), Canada (B.C.).</td>
<td>U.S.A. (CA, OR, WA)</td>
<td>T</td>
<td>479</td>
<td>17.95(b)</td>
<td>NA</td>
</tr>
<tr>
<td>Nightjar, Puerto Rican (=whip-poor-will)</td>
<td>Caprimulgus noctitherus</td>
<td></td>
<td>U.S.A. (PR)</td>
<td>Entire ................................................................</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Nukupu'u (honeyeater)</td>
<td>Hemignathus lucidus</td>
<td></td>
<td>U.S.A. (Hi)</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>1, 2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Nuthatch, Algerian</td>
<td>Sitta lekanti</td>
<td></td>
<td>Algeria</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>O'o, Kauai (=o'o 'a'a) (honeyeater)</td>
<td>Moho braccatus</td>
<td></td>
<td>U.S.A. (Hi)</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>O'o (honeyeater)</td>
<td>Psittirostra psittacea</td>
<td></td>
<td>.....do ..................................................</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ostrich, Arabian</td>
<td>Struthio camelus syriacus</td>
<td></td>
<td>Jordan, Saudi Arabia</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ostrich, West African</td>
<td>Struthio camelus spatizi</td>
<td></td>
<td>Spanish Sahara</td>
<td>.....do ..................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Owl, Anjouan scops .....</td>
<td>Otus rutilus capnodes</td>
<td>Indian Ocean—Comoro Island.</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------</td>
<td>-----------------------------</td>
<td>---------------------------------</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td>Owl, giant scops ......</td>
<td>Otus gurneyi ..........</td>
<td>Philippines—Marinduque and Mindanao Island.</td>
<td>..... do ................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owl, Madagascar red</td>
<td>Tyto soumagnei ......</td>
<td>Madagascar</td>
<td>..... do ................................</td>
<td>E</td>
<td>401</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owl, Mexican spotted</td>
<td>Strix occidentalis lucida.</td>
<td>U.S.A. (AZ, CO, NM, TX, UT), Mexico.</td>
<td>..... do ................................</td>
<td>T</td>
<td>494</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owl, northern spotted</td>
<td>Strix occidentalis cauina.</td>
<td>U.S.A. (CA, OR, WA), Canada (B.C.).</td>
<td>..... do ................................</td>
<td>T</td>
<td>393</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owl, Seychelles ......</td>
<td>Otus insularis .......</td>
<td>Indian Ocean—Seychelles Islands.</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owlet, Morden’s (=sokoke).</td>
<td>Haematopus meadowaldoi.</td>
<td>Atlantic Ocean—Canada Islands.</td>
<td>..... do ................................</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Owlet, Seychelles ......</td>
<td>Loxioides (=Psittirostra) bailleui.</td>
<td>U.S.A. (HI)</td>
<td>..... do ................................</td>
<td>E</td>
<td>1</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, Forbes’ .....</td>
<td>Cyanoramphus auriceps forbesi.</td>
<td>New Zealand</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, golden .....</td>
<td>Aratinga guarouba ...</td>
<td>Brazil</td>
<td>..... do ................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, golden-shouldered (=hooded).</td>
<td>Psephotus chrysopterygius.</td>
<td>Australia</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, Mauritius .....</td>
<td>Psittacula echo ......</td>
<td>Indian Ocean—Mauritius</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, Norfolk Island.</td>
<td>Cyanoramphus novaehollandiae cookii.</td>
<td>Australia (Norfolk Island).</td>
<td>..... do ................................</td>
<td>E</td>
<td>401</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, ochre-marked.</td>
<td>Pyrrhura cruentata ....</td>
<td>Brazil</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, orange-bellied.</td>
<td>Neophema chrysopterygius.</td>
<td>Australia</td>
<td>..... do ................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Parakeet, paradise (=beautiful).</td>
<td>Psephotus pulcherinus.</td>
<td>..... do ................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parakeet, scarlet-chested (=splendid).</td>
<td>Neophema splendida</td>
<td>..... do ................................</td>
<td>E</td>
<td>4</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parakeet, turquoise .....</td>
<td>Neophema pulchella</td>
<td>..... do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------------</td>
<td>-------------------------------</td>
<td>-----------------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Parrot, Australian</td>
<td>Geopsittacus</td>
<td>occidentalis.</td>
<td>.......do ............................................</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, Bahaman or Cuban</td>
<td>Amazona</td>
<td>leucocephala.</td>
<td>West Indies—Cuba, Bahamas, Caymans.</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3, 15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, ground</td>
<td>Pezoporus wallicus</td>
<td></td>
<td>Australia</td>
<td>.......do ............................................</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, imperial</td>
<td>Amazona imperialis</td>
<td></td>
<td>West Indies—Dominica.</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, Puerto Rican</td>
<td>Amazona vittata</td>
<td></td>
<td>U.S.A. (PR)</td>
<td>.......do ............................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, red-browed</td>
<td>Amazona rhodocorytha</td>
<td></td>
<td>Brazil</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, red-capped</td>
<td>Pionopsitta pileata</td>
<td></td>
<td>West Indies—Dominica.</td>
<td>.......do ............................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, red-necked</td>
<td>Amazona arausiaca</td>
<td></td>
<td>Brazil</td>
<td>.......do ............................................</td>
<td>E</td>
<td>50</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, red-spectacled</td>
<td>Amazona pretei</td>
<td>pretrei.</td>
<td>Brazil, Argentina</td>
<td>.......do ............................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, red-tailed</td>
<td>Amazona brasiliensis</td>
<td></td>
<td>Brazil</td>
<td>.......do ............................................</td>
<td>E</td>
<td>401</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, Seychelles lesser vasa</td>
<td>Coracopsis nigra</td>
<td>barkiyi.</td>
<td>Indian Ocean—Seychelles (Praslin Island).</td>
<td>.......do ............................................</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, St. Lucia</td>
<td>Amazona versicolor</td>
<td></td>
<td>West Indies—St. Lucia.</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, St. Vincent</td>
<td>Amazona guildingi</td>
<td></td>
<td>West Indies—St. Vincent.</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, thick-billed</td>
<td>Rhynchopsitta</td>
<td>pachyrhyncha.</td>
<td>Mexico, U.S.A. (AZ, NM).</td>
<td>.......do ............................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrot, vinaceous-breasted</td>
<td>Amazona vinacea</td>
<td></td>
<td>Brazil</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Parrotbill, Maui</td>
<td>Pseudonestor</td>
<td>xanthophrys.</td>
<td>U.S.A. (HI)</td>
<td>.......do ............................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Location/Region</td>
<td>Status</td>
<td>Recovery</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------------------------------------------</td>
<td>--------</td>
<td>----------</td>
<td>----</td>
<td>----</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Penguin, Galapagos</td>
<td>Spheniscus mendiculus</td>
<td>Entire</td>
<td>NA</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Hawaiian dark-rumped</td>
<td>Pterodroma phaeopygia sandwichensis</td>
<td>U.S.A. (HI)</td>
<td>do</td>
<td>E 1</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Madeira (freira)</td>
<td>Pterodroma madeira</td>
<td>Atlantic Ocean—Madeira Island</td>
<td>do</td>
<td>E 571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Mascarene black</td>
<td>Pterodroma aterrim</td>
<td>Indian Ocean—Mauritius (Reunion Island)</td>
<td>do</td>
<td>E 571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Penguin, Galapagos</td>
<td>Spheniscus mendiculus</td>
<td>Entire</td>
<td>NA</td>
<td>3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Hawaiian dark-rumped</td>
<td>Pterodroma phaeopygia sandwichensis</td>
<td>U.S.A. (HI)</td>
<td>do</td>
<td>E 1</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Madeira (freira)</td>
<td>Pterodroma madeira</td>
<td>Atlantic Ocean—Madeira Island</td>
<td>do</td>
<td>E 571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petrel, Mascarene black</td>
<td>Pterodroma aterrim</td>
<td>Indian Ocean—Mauritius (Reunion Island)</td>
<td>do</td>
<td>E 571</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, bar-tailed</td>
<td>Symmictus humae</td>
<td>Burma, China</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Blyth's tragopan</td>
<td>Tragopan blythi</td>
<td>Burma, China, India</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, brown eared</td>
<td>Crossoptilon manchuricum</td>
<td>China</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Cabot's tragopan</td>
<td>Tragopan caboti</td>
<td>China</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, chatter</td>
<td>Catreus wallichii</td>
<td>India, Nepal, Pakistan</td>
<td>do</td>
<td>E 401</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Chinese monal</td>
<td>Lophophorus iluysii</td>
<td>China</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Edward's</td>
<td>Lophura edwardsi</td>
<td>Vietnam</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Elliot's</td>
<td>Symmictus ellioti</td>
<td>China</td>
<td>do</td>
<td>E 15</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Imperial</td>
<td>Lophura imperialis</td>
<td>Vietnam</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Mikado</td>
<td>Symmictus mikado</td>
<td>Taiwan</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Palawan peacock</td>
<td>Polyplectron empharum</td>
<td>Philippines</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Sclater's monal</td>
<td>Lophophorus solateri</td>
<td>Burma, China, India</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, Swinhoe's</td>
<td>Lophura swinhoei</td>
<td>Taiwan</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, western tragopan</td>
<td>Tragopan melanophealus</td>
<td>India, Pakistan</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pheasant, white eared</td>
<td>Crossoptilon crosstipilon</td>
<td>China (Tibet), India</td>
<td>do</td>
<td>E 4</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pigeon, Azores wood</td>
<td>Columba palumbus azorica</td>
<td>East Atlantic Ocean—Azores</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pigeon, Chatham Island</td>
<td>Hemiphaga novaeseelandiae chathamensis.</td>
<td>New Zealand</td>
<td>do</td>
<td>E 3</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>--------------------------------------</td>
<td>------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>----------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Pigeon, Mindoro zone-tailed.</td>
<td>Ducula mindorensis</td>
<td>Philippines</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Pigeon, pink</td>
<td>Columba (=Nesoenas) mayeri.</td>
<td>Indian Ocean—Mauritius</td>
<td>do</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Pigeon, white-tailed laurel.</td>
<td>Columba junoniae</td>
<td>Atlantic Ocean—Canary Islands.</td>
<td>do</td>
<td>T</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Piping-guan, black-fronted.</td>
<td>Piple jacutinga</td>
<td>Argentina</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Pitta, Koch’s</td>
<td>Pitta kochi</td>
<td>Philippines</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Plover, New Zealand shore.</td>
<td>Thinomis novaeseelandiae.</td>
<td>New Zealand</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Plover, piping</td>
<td>Charadrius melodus</td>
<td>U.S.A. (Great Lakes, northern Great Plains, Atlantic and Gulf coasts, PR, VI), Canada, Mexico, Bahamas, West Indies.</td>
<td>do</td>
<td>E</td>
<td>211</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Entire, except those areas where listed as endangered above.</td>
<td>do</td>
<td>T</td>
<td>211</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Plover, western snowy</td>
<td>Charadrius alexandrinus nivosus.</td>
<td>U.S.A. (AZ, CA, CO, KS, NM, NV, OK, OR, TX, UT, WA), Mexico.</td>
<td>do</td>
<td>T</td>
<td>493</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Po‘ouli (honeycreeper)</td>
<td>Melamprosops phaeosoma.</td>
<td>U.S.A. (HI)</td>
<td>do</td>
<td>E</td>
<td>10</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Pochard, Madagascar</td>
<td>Aythya innotata.</td>
<td>Madagascar</td>
<td>do</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Prairie-chicken, Attwater’s greater.</td>
<td>Tympanuchus cupido attwateri.</td>
<td>U.S.A. (TX)</td>
<td>do</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Order</td>
<td>State</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------</td>
<td>------------------------------------------</td>
<td>-----------------------------------------------</td>
<td>---------</td>
<td>------</td>
<td>----</td>
<td>----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pygmy-owl, cactus ferruginous.</td>
<td>Glaucidium brasilianum cactorum</td>
<td>U.S.A. (AZ, TX), Mexico.</td>
<td>E</td>
<td>610</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quail, Merriam's Montezuma.</td>
<td>Cyrtonyx montezumae merihami</td>
<td>Mexico (Vera Cruz)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quetzel, resplendent</td>
<td>Pharonachros mocinno.</td>
<td>Mexico to Panama</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, Aukland Island</td>
<td>Rallus pectoralis mueleri.</td>
<td>New Zealand</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, California clapper</td>
<td>Rallus longirostris obsoletus.</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, Guam</td>
<td>Rallus owstoni</td>
<td>Western Pacific Ocean—U.S.A. (Guam).</td>
<td>E</td>
<td>146E, 156</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, light-footed clapper</td>
<td>Rallus longirostris levipes.</td>
<td>Rota</td>
<td>N</td>
<td>371</td>
<td>NA</td>
<td>17.84(f)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, Lord Howe wood</td>
<td>Tricholimnas sylvestris.</td>
<td>Australia (Lord Howe Island).</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rail, Yuma clapper</td>
<td>Rallus longirostris yumanensis.</td>
<td>Mexico, U.S.A. (AZ, CA).</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhea, Darwin's</td>
<td>Pteroclina pennata</td>
<td>Argentina, Bolivia, Peru, Uruguay.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robin, Chatham Island</td>
<td>Petroica traversi</td>
<td>New Zealand</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robin, dappled mountain</td>
<td>Arcanator (=Modulatrix) orostuthus.</td>
<td>Mozambique, Tanzania.</td>
<td>T</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Robin, scarlet-breasted</td>
<td>Petroica multicolor.</td>
<td>Australia (Norfolk Island).</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(flycatcher)</td>
<td>Picathartes oreae.</td>
<td>Cameroon, Gabon</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rockfowl, grey-necked</td>
<td>Picathartes gymnocephalus.</td>
<td>Africa—Togo to Sierra Leone.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rockfowl, white-necked</td>
<td>Uratelornis chimaera.</td>
<td>Malagasy Republic (=Madagascar).</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roller, long-tailed ground.</td>
<td>Atrichorhina dumosa</td>
<td>Australia</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scrub-bird, noisy</td>
<td>Copsychus niger</td>
<td>Philippines</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shama, Cebu black</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>Shearwater, Newell’s Townsend’s (former Manx) (=’a’o).</td>
<td>Puffinus auricularis (=puffinus) newelli.</td>
<td>U.S.A. (HI) ................</td>
<td>......do ................................</td>
<td>T</td>
<td>10</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Siskin, red</td>
<td>Carduelis (=Spinus) cucullata.</td>
<td>South America</td>
<td>......do ................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sparrow, Cape Sable seaside.</td>
<td>Ammodramus (=Ammospiza) maritimus mirabilis.</td>
<td>U.S.A. (FL) ..........</td>
<td>......do ................................</td>
<td>E</td>
<td>1</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sparrow, Florida grasshopper.</td>
<td>Ammodramus savannarum floridanus.</td>
<td>......do ...............</td>
<td>......do ................................</td>
<td>E</td>
<td>239</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Starling, Ponape mountain.</td>
<td>Aplonis pelzelni ..........</td>
<td>West Pacific Ocean—Federated States of Micronesia.</td>
<td>......do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Starling, Rothschild’s (myna).</td>
<td>Leucopsar rothschildi</td>
<td>Indonesia (Bali)</td>
<td>......do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Stilt, Hawaiian (=ae’o)</td>
<td>Himantopus mexicanus (=himantopus) knudseni.</td>
<td>U.S.A. (HI) ..........</td>
<td>......do ................................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Stork, oriental white</td>
<td>Ciconia ciconia boyaciana.</td>
<td>China, Japan, Korea, Russia.</td>
<td>......do ................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Stork, wood</td>
<td>Mayeteria americana ...</td>
<td>U.S.A., (CA, AZ, TX, to Carolinas), Mexico, C. and S. America.</td>
<td>......do ................................</td>
<td>E</td>
<td>142</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sunbird, Marungu</td>
<td>Nectarinia prigogini</td>
<td>Zaire</td>
<td>Entire ................................</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific Name</td>
<td>Habitat</td>
<td>Status</td>
<td>E</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>---------</td>
<td>--------</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swiftlet, Mariana gray (=vanikoro).</td>
<td>Aerodramus vanikorensis bartschi.</td>
<td>Western Pacific Ocean—U.S.A. (Guam, Rota, Tinian, Saipan, Agiguan).</td>
<td>...do .................</td>
<td>E</td>
<td>156</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Teal, Campbell Island flightless.</td>
<td>Anas aucklandica nesiots.</td>
<td>New Zealand (Campbell Island).</td>
<td>...do .................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tern, California least.</td>
<td>Sterna antillarum (=albifrons) browni.</td>
<td>Mexico, U.S.A. (CA).</td>
<td>...do .................</td>
<td>E</td>
<td>2, 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tern, roseate.</td>
<td>Sterna dougallii dougallii.</td>
<td>Tropical and temperate coasts of Atlantic Basin and East Africa.</td>
<td>U.S.A. (Atlantic Coast south to NC), Canada (Newf., N.S, Que.), Bermuda. Western Hemisphere and adjacent oceans, incl. U.S.A. (FL, PR, VI), where not listed as endangered.</td>
<td>E</td>
<td>296</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Do.</td>
<td>Sterna antillarum.</td>
<td>Entire.</td>
<td>...do .................</td>
<td>T</td>
<td>296</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Thrasher, white-breasted.</td>
<td>Ramphocinclus brachyurus.</td>
<td>West Indies—St. Lucia, Martinique.</td>
<td>Entire.</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Thrush, large Kauai.</td>
<td>Myadestes (=Phaenops) myadestinus.</td>
<td>U.S.A. (HI).</td>
<td>...do .................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Thrush, New Zealand (wattlebird)</td>
<td>Tumagra capensis</td>
<td>New Zealand</td>
<td>...do ...</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Thrush, small Kauai (=puaiohi)</td>
<td>Myadestes (=Phaeornis) palmeri</td>
<td>U.S.A. (HI)</td>
<td>...do ...</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Thrush, Taita</td>
<td>Turdus olivaceous helleri</td>
<td>Kenya</td>
<td>...do ...</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tinamou, solitary</td>
<td>Tinamus solitarius</td>
<td>Brazil, Paraguay, Argentina.</td>
<td>...do ...</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Towhee, Inyo California (=brown)</td>
<td>Pipilo crissalis (=fuscus) eremophilus</td>
<td>U.S.A. (CA)</td>
<td>...do ...</td>
<td>T</td>
<td>282</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Trembler, Martinique (thrasher)</td>
<td>Cinclolothia ruficuda gutturals.</td>
<td>West Indies—Martinique.</td>
<td>...do ...</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Turaco, Bannerman's Turtle-dove, Seychelles.</td>
<td>Streptopelia picturata rostrata.</td>
<td>Cameroon</td>
<td>...do ...</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vanga, Pollen's</td>
<td>Xenopirostris polleni</td>
<td>Madagascar</td>
<td>...do ...</td>
<td>T</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vanga, Van Dam's</td>
<td>Xenopirostris damii</td>
<td>...do ...</td>
<td>T</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vireo, black-capped</td>
<td>Vireo atricapillus</td>
<td>U.S.A. (KS, LA, NE, OK, TX), Mexico.</td>
<td>...do ...</td>
<td>E</td>
<td>294</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Vireo, least Bell's</td>
<td>Vireo bellus pusillus</td>
<td>U.S.A. (CA), Mexico</td>
<td>...do ...</td>
<td>E</td>
<td>228</td>
<td>17.95(b)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Wanderer, plain (coloured-hemipode)</td>
<td>Pedionomus torquatus.</td>
<td>Australia</td>
<td>...do ...</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Warbler (Old World), Aldabra.</td>
<td>Nesillas aldobranus</td>
<td>Indian Ocean—Seychelles (Albany Island).</td>
<td>...do ...</td>
<td>E</td>
<td>571</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Warbler (wood), Bachman's.</td>
<td>Vermivora bachmani</td>
<td>U.S.A. (Southeastern, Cuba.</td>
<td>...do ...</td>
<td>E</td>
<td>1, 3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Warbler (wood), Barbados yellow.</td>
<td>Dendroica petechia</td>
<td>West Indies—Barbados.</td>
<td>...do ...</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Warbler (wood), golden-cheeked.</td>
<td>Dendroica chrysoparia.</td>
<td>U.S.A. (TX), Mexico, Guatemala, Honduras, Nicaragua, Belize.</td>
<td>...do ...</td>
<td>E</td>
<td>387E, 411</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>
| Common Name                        | Scientific Name                                      | Range                                  | Endangered Status | Recovery | Reclassification | Critical Habitat
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Warbler (wood), Kirtland’s</td>
<td><em>Dendroica kirtlandii</em></td>
<td>U.S.A. (principally MI), Canada, West Indies—Bahama Islands</td>
<td>E 1, 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Warbler (Old World), nightingale reed</td>
<td><em>Acrocephalus luscinia</em></td>
<td>West Pacific Ocean—U.S.A. (Guam, Alamagan, Saipan)</td>
<td>E 3, 4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Warbler (Old World), Rodrigues, Semper’s</td>
<td><em>Bebrornis rodericanus</em></td>
<td>Mauritius (Rodrigues Islands)</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Warbler (Old World), Seychelles</td>
<td><em>Leucopeza semperi</em></td>
<td>West Indies—St. Lucia</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Wattle-eye, banded</td>
<td><em>Platysteira laticincta</em></td>
<td>Cameroon</td>
<td>E 571</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Weaver, Clarke’s</td>
<td><em>Ploceus gouldii</em></td>
<td>Kenya</td>
<td>E 571</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Whipbird, western</td>
<td><em>Psophodes nigrogularis</em></td>
<td>Australia</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>White-eye, bridled</td>
<td><em>Zosterops conspicillatus</em></td>
<td>Western Pacific Ocean—U.S.A. (Guam)</td>
<td>E 156</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>White-eye, Norfolk Island</td>
<td></td>
<td>Indian Ocean—Norfolk Islands</td>
<td>E 15</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>White-eye, Ponape greater</td>
<td><em>Rukia longirostra (=sanfordii)</em></td>
<td>West Pacific Ocean—Federated States of Micronesia</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>White-eye, Seychelles</td>
<td><em>Zosterops modesta</em></td>
<td>Indian Ocean—Seychelles</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Woodpecker, imperial</td>
<td><em>Campephilus imperialis</em></td>
<td>Mexico</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Woodpecker, ivory-billed</td>
<td><em>Campephilus principalis</em></td>
<td>U.S.A. (southcentral and southeastern), Cuba</td>
<td>E 1, 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Woodpecker, red-cockaded</td>
<td><em>Picoides (=Dendrocopos) borealis</em></td>
<td>U.S.A. (southcentral and southeastern)</td>
<td>E 2</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Woodpecker, Tristam’s</td>
<td><em>Dryocopus javensis richardi</em></td>
<td>Korea</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Wren, Guadeloupe house</td>
<td><em>Troglodytes aedon guadeloupensis</em></td>
<td>West Indies—Guadeloupe</td>
<td>E 3</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>----------------------------------------</td>
<td>---------------------------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Wren, St. Lucia house</td>
<td>Troglodytes aedon mesoleucus.</td>
<td>West Indies—St.</td>
<td>do .....................................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Alligator, American</td>
<td>Alligator mississippiensis.</td>
<td>Southeastern U.S.A.</td>
<td>do .....................................................................</td>
<td>T(S/A)</td>
<td>1, 11, 20, 47, 51, 60, 113, 134, 186, 269</td>
<td>NA</td>
</tr>
<tr>
<td>Alligator, Chinese</td>
<td>Alligator sinensis</td>
<td>China</td>
<td>do .....................................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Anole, Culebra Island giant.</td>
<td>Anolis roosevelti</td>
<td>U.S.A. (PR—Culebra Island).</td>
<td>do .....................................................................</td>
<td>E</td>
<td>25</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Boa, Jamaican</td>
<td>Epicrates subflavus granti.</td>
<td>Jamaica</td>
<td>do .....................................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Boa, Mona</td>
<td>Epicrates monensis</td>
<td>U.S.A. (PR)</td>
<td>do .....................................................................</td>
<td>T</td>
<td>33</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Boa, Puerto Rican</td>
<td>Epicrates inornatus</td>
<td>Indo-Pacific</td>
<td>do .....................................................................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
</tr>
<tr>
<td>Boa, Round Island [no common name].</td>
<td>Bolyeria multocarinata</td>
<td>Indian Ocean—Mauritius.</td>
<td>do .....................................................................</td>
<td>E</td>
<td>88</td>
<td>NA</td>
</tr>
<tr>
<td>Boa, Virgin Islands</td>
<td>Casarea dussumieri</td>
<td>Northern Pacific</td>
<td>do .....................................................................</td>
<td>E</td>
<td>88</td>
<td>NA</td>
</tr>
<tr>
<td>Caiman, Apaporis River</td>
<td>Epicrates monensis</td>
<td>U.S.A. (PR), British Virgin Islands.</td>
<td>do .....................................................................</td>
<td>E</td>
<td>2, 86</td>
<td>NA</td>
</tr>
<tr>
<td>Caiman, black</td>
<td>Melanosuchus niger</td>
<td>Amazon basin</td>
<td>do .....................................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Caiman, broad-snouted</td>
<td>Caiman latirostris</td>
<td>Brazil, Argentina, Paraguay, Uruguay, Bolivia, Argentina, Peru, Brazil.</td>
<td>do .....................................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Caiman, Yacare</td>
<td>Caiman crocodilus</td>
<td>Mexico</td>
<td>do .....................................................................</td>
<td>E</td>
<td>88</td>
<td>NA</td>
</tr>
<tr>
<td>Chuckwalla, San Esteban Island</td>
<td>Sauromalus varius</td>
<td>Mexico</td>
<td>do .....................................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, African dwarf.</td>
<td>Osteolaemus tetraspis</td>
<td>West Africa</td>
<td>do .....................................................................</td>
<td>E</td>
<td>5</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, African slender-snouted.</td>
<td>Crocodylus cataphractus.</td>
<td>Western and central Africa.</td>
<td>do .....................................................................</td>
<td>E</td>
<td>5</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, American</td>
<td>Crocodylus acutus</td>
<td>U.S.A. (FL), Mexico, Caribbean, Central and South America.</td>
<td>E</td>
<td>10, 87</td>
<td>17.95(c)</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Ceylon mugger.</td>
<td>Crocodylus palustris kimbula.</td>
<td>Sri Lanka</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Congo dwarf.</td>
<td>Osteolaemus tetraspis osborni.</td>
<td>Congo R. drainage</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Cuban</td>
<td>Crocodylus rhombifer</td>
<td>Cuba</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Morelet's</td>
<td>Crocodylus moreletti</td>
<td>Mexico, Belize, Guatemala</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, mugger</td>
<td>Crocodylus palustris palustris.</td>
<td>India, Pakistan, Iran, Bangladesh</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Nile</td>
<td>Crocodylus niloticus</td>
<td>Africa, Middle East</td>
<td>T</td>
<td>3, 279, 334, 514, 585</td>
<td>NA</td>
<td>17.42(c)</td>
</tr>
<tr>
<td>Crocodile, Orinoco</td>
<td>Crocodylus intermedius</td>
<td>South America—Orinoco R. basin</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, Philippine</td>
<td>Crocodylus novaeguineae mindorensis.</td>
<td>Philippine Islands</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Crocodile, saltwater (=estuarine).</td>
<td>Crocodylus porosus</td>
<td>Southeast Asia, Australia, Papua New Guinea, Islands of the West Pacific Ocean</td>
<td>E</td>
<td>87, 585</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Entire, except Papua New Guinea and Australia</td>
<td>T</td>
<td>87, 585</td>
<td>NA</td>
<td>17.42(c)</td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Australia</td>
<td>T</td>
<td>87, 585</td>
<td>NA</td>
<td>17.42(c)</td>
</tr>
<tr>
<td>Crocodile, Siamese</td>
<td>Crocodylus siamensis</td>
<td>Southeast Asia, Malay Peninsula.</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gavial (=gharial)</td>
<td>Gavialis gangeticus</td>
<td>Pakistan, Burma, Bangladesh, India, Nepal</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gecko, day</td>
<td>Phelsuma edwardnewtoni.</td>
<td>Indian Ocean—Mauritius</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gecko, Monito</td>
<td>Sphaerodactylus micropithecus.</td>
<td>U.S.A. (PR)</td>
<td>E</td>
<td>125</td>
<td>17.95(c)</td>
<td>NA</td>
</tr>
<tr>
<td>Gecko, Round Island day.</td>
<td>Phelsuma guentheri</td>
<td>Indian Ocean—Mauritius</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Gecko, Serpent Island</td>
<td>Cyrtodactylus serpennisinsula.</td>
<td>.................. do ..</td>
<td>.................. do ..........</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Acklins ground</td>
<td>Cyclura rileyi nuchalis</td>
<td>West Indies—Bahamas.</td>
<td>.................. do ..........</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Anegada ground.</td>
<td>Cyclura pinguinoides</td>
<td>West Indies—British Virgin Islands (Anegada Island).</td>
<td>.................. do ..........</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Barrington Island.</td>
<td>Conolophus pallidus</td>
<td>Ecuador (Galapagos Islands).</td>
<td>.................. do ..........</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Cayman Brac ground.</td>
<td>Cyclura nubila caymanensis.</td>
<td>West Indies—Cayman Islands.</td>
<td>.................. do ..........</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Cuban ground</td>
<td>Cyclura nubila nubila</td>
<td>Cuba</td>
<td>Entire (excluding population introduced in Puerto Rico)</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Exuma Island</td>
<td>Cyclura cyrtodactylus figginsi.</td>
<td>Pacific—Fiji, Tonga ...</td>
<td>.................. do ..........</td>
<td>E 88 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Fiji crested ....</td>
<td>Brachylophus vitiensis</td>
<td>Pacific—Fiji ..........</td>
<td>.................. do ..........</td>
<td>E 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Grand Cayman ground.</td>
<td>Cyclura nubila lewisi.</td>
<td>West Indies—Cayman Islands.</td>
<td>.................. do ..........</td>
<td>E 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Jamaican .......</td>
<td>Cyclura collei</td>
<td>West Indies—Jamaica.</td>
<td>.................. do ..........</td>
<td>E 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Mayaguana .......</td>
<td>Cyclura carinata bartschi.</td>
<td>West Indies—Bahamas.</td>
<td>.................. do ..........</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Mona ground</td>
<td>Cyclura stejnegeri .....</td>
<td>U.S.A. (PR—Mona Island).</td>
<td>.................. do ..........</td>
<td>T 33 17.95(c) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Turks and Caicos.</td>
<td>Cyclura carinata carinata.</td>
<td>West Indies—Turks and Caicos Islands.</td>
<td>.................. do ..........</td>
<td>T 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, Watling Island ground.</td>
<td>Cyclura rileyi rileyi.</td>
<td>West Indies—Bahamas.</td>
<td>.................. do ..........</td>
<td>E 129 NA NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iguana, White Cay ground.</td>
<td>Cyclura rileyi cristata</td>
<td>...do .......................</td>
<td>...do .......................</td>
<td>T</td>
<td>129</td>
<td>NA</td>
</tr>
<tr>
<td>--------------------------</td>
<td>------------------------</td>
<td>--------------------------</td>
<td>--------------------------</td>
<td>---</td>
<td>-----</td>
<td>----</td>
</tr>
<tr>
<td>Lizard, blunt-nosed leopard.</td>
<td>Gambelia (=Crotaphytus) silus</td>
<td></td>
<td>U.S.A. (CA)</td>
<td>...do</td>
<td>E</td>
<td>1</td>
</tr>
<tr>
<td>Lizard, Coachella Valley fringe-toed.</td>
<td>Uma inornata</td>
<td>...do</td>
<td>...do</td>
<td>T</td>
<td>105</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Lizard, Hierro giant</td>
<td>Galotia simonyi simonyi.</td>
<td></td>
<td>Spain (Canary Islands)</td>
<td>...do</td>
<td>E</td>
<td>144</td>
</tr>
<tr>
<td>Lizard, Ibiza wall</td>
<td>Podarcis pityusensis</td>
<td></td>
<td>Spain (Balearic Islands)</td>
<td>...do</td>
<td>T</td>
<td>144</td>
</tr>
<tr>
<td>Lizard, Island night</td>
<td>Xantusia (=Klauberina) rivensianna.</td>
<td></td>
<td>U.S.A. (CA)</td>
<td>...do</td>
<td>T</td>
<td>26</td>
</tr>
<tr>
<td>Lizard, Maria Island ground.</td>
<td>Cnemidophorus vanzoi.</td>
<td></td>
<td>West Indies—St. Lucia (Maria Islands)</td>
<td>...do</td>
<td>E</td>
<td>443</td>
</tr>
<tr>
<td>Lizard, St. Croix ground.</td>
<td>Ameiva polops</td>
<td></td>
<td>U.S.A. (VI)</td>
<td>...do</td>
<td>E</td>
<td>24</td>
</tr>
<tr>
<td>Monitor, Bengal</td>
<td>Varanus bengalensis</td>
<td></td>
<td>Iran, Iraq, India, Sri Lanka, Malaysia, Afghanistan, Burma, Vietnam, Thailand.</td>
<td>...do</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Monitor, desert</td>
<td>Varanus griseus</td>
<td></td>
<td>North Africa to Aral Sea, through Central Asia to Pakistan, Northwest India.</td>
<td>...do</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Monitor, Komodo Island.</td>
<td>Varanus komodoensis</td>
<td></td>
<td>Indonesia (Komodo, Rintja, Padar, and western Flores Island).</td>
<td>...do</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Monitor, yellow</td>
<td>Varanus flavescens</td>
<td></td>
<td>West Pakistan through India to Bangladesh.</td>
<td>...do</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Python, Indian</td>
<td>Python molurus molurus.</td>
<td></td>
<td>Sri Lanka and India</td>
<td>...do</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Rattlesnake, Aruba Island.</td>
<td><em>Crotalus unicolor</em></td>
<td>Aruba Island (Netherland Antilles).</td>
<td>.....do ........................................</td>
<td>T</td>
<td>129</td>
<td>NA</td>
</tr>
<tr>
<td>Rattlesnake, New Mexican ridge-nosed.</td>
<td><em>Crotalus willardi obscurus</em></td>
<td>U.S.A. (AZ, NM), Mexico.</td>
<td>.....do ........................................</td>
<td>T</td>
<td>43</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Skink, blue-tailed (=blue-tailed) mole.</td>
<td><em>Eumeces egregius lividus</em></td>
<td>U.S.A. (FL)</td>
<td>.....do ........................................</td>
<td>T</td>
<td>299</td>
<td>NA</td>
</tr>
<tr>
<td>Skink, Round Island ...</td>
<td><em>Leiolopisma tellaeri</em></td>
<td>Indian Ocean—Mauritius.</td>
<td>.....do ........................................</td>
<td>T</td>
<td>129</td>
<td>NA</td>
</tr>
<tr>
<td>Skink, sand ..................</td>
<td><em>Neoseps reynoldsi</em></td>
<td>U.S.A. (FL)</td>
<td>.....do ........................................</td>
<td>T</td>
<td>299</td>
<td>NA</td>
</tr>
<tr>
<td>Snake, Atlantic salt marsh.</td>
<td><em>Nerodia clarkii (=fasciata) taeniata.</em></td>
<td>U.S.A. (TX)</td>
<td>.....do ........................................</td>
<td>T</td>
<td>241</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Snake, Concho water</td>
<td><em>Nerodia pustulata (=harteri p).</em></td>
<td>U.S.A. (TX)</td>
<td>.....do ........................................</td>
<td>T</td>
<td>241</td>
<td>17.95(c)</td>
</tr>
<tr>
<td>Snake, copperbelly water.</td>
<td><em>Nerodia erythrogaster neglecta.</em></td>
<td>U.S.A. (IL, IN, KY, MI, OH).</td>
<td>IN north of 40° N. Lat., MI, OH.</td>
<td>T</td>
<td>607</td>
<td>NA</td>
</tr>
<tr>
<td>Snake, eastern indigo</td>
<td><em>Drymarchon corais couperi</em></td>
<td>U.S.A. (AL, FL, GA, MS, SC).</td>
<td>Entire ......................................</td>
<td>T</td>
<td>32</td>
<td>NA</td>
</tr>
<tr>
<td>Snake, giant garter ...</td>
<td><em>Thamnophis gigas</em></td>
<td>U.S.A. (CA)</td>
<td>.....do ........................................</td>
<td>T</td>
<td>522</td>
<td>NA</td>
</tr>
<tr>
<td>Snake, Maria Island ...</td>
<td><em>Liophis ornatus</em></td>
<td>West Indies—St. Lucia (Maria Islands).</td>
<td>.....do ........................................</td>
<td>E</td>
<td>443</td>
<td>NA</td>
</tr>
<tr>
<td>Snake, San Francisco garter.</td>
<td><em>Thamnophis sirtalis leatraenia.</em></td>
<td>U.S.A. (CA)</td>
<td>.....do ........................................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
</tr>
<tr>
<td>Tartaruga ...................</td>
<td><em>Podocnemis expansa</em></td>
<td>South America—Orinoco R. and Amazon R. basins.</td>
<td>.....do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Terrapin, river (=turtles).</td>
<td><em>Batagur baska</em></td>
<td>Malaysia, Bangladesh, Burma, India, Indonesia.</td>
<td>.....do ........................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Tomistoma ...................</td>
<td><em>Tomistoma schlegeli</em></td>
<td>Malaysia, Indonesia</td>
<td>.....do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Tortoise, angulated .......</td>
<td><em>Geochelone yasuhirai</em></td>
<td>Malagasy Republic (=Madagascar).</td>
<td>.....do ........................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Species (Common/Scientific)</td>
<td>Location</td>
<td>Status</td>
<td>Data Citation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------</td>
<td>----------</td>
<td>--------</td>
<td>--------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tortoise, Bolson</td>
<td>Gopherus flavomarginatus</td>
<td>Mexico</td>
<td>E 46 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tortoise, desert</td>
<td>Gopherus (=Xerobates, =Scaptochelys) agassizii</td>
<td>U.S.A. (AZ, CA, NV, UT), Mexico</td>
<td>T 103, 17.95(c) NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>Gopherus agassizii</td>
<td>Entire except AZ south and east of Colorado R. and Mexico</td>
<td>T(S/A) 357E, 378 NA 17.42(e)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tortoise, Galapagos</td>
<td>Geochelone elephantopus</td>
<td>Ecuador (Galapagos Islands)</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tortoise, gopher</td>
<td>Gopherus polyphemus</td>
<td>U.S.A. (AL, FL, GA, LA, MS, SC)</td>
<td>T 281 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tortoise, radiated</td>
<td>Geochelone (=Testudo) radiata</td>
<td>Malagasy Republic (=Madagascar)</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tracaja</td>
<td>Podocnemis unifilis</td>
<td>South America—Orinoco R. and Amazon R. basins</td>
<td>E 3 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuatara</td>
<td>Sphenodon punctatus</td>
<td>New Zealand</td>
<td>E 3,630 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuatara, Brother's Island</td>
<td>Sphenodon guntheri</td>
<td>New Zealand (N.)</td>
<td>E 3,630 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle, Alabama redbelly</td>
<td>Pseudemys alabamensis</td>
<td>U.S.A. (AL)</td>
<td>E 278 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle, aquatic box</td>
<td>Terrapene coahuila</td>
<td>Mexico</td>
<td>E 6 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle, black softshell</td>
<td>Trionyx nigricans</td>
<td>Bangladesh</td>
<td>E 15 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle, bog</td>
<td>Clemmys muhlenbergii</td>
<td>Entire except GA, NC, SC, TN, VA.</td>
<td>T 626 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>U.S.A. (GA, NC, SC, TN, VA.)</td>
<td>T(S/A) 626 NA 17.42(f)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turtle, Brazilian</td>
<td>Phrynops hogeii</td>
<td>Brazil</td>
<td>E 443 NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Turtle, Burmese peacock.</td>
<td><em>Morenia ocellata</em></td>
<td>Burma</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, Cat Island</td>
<td><em>Trachemys terrapen</em></td>
<td>West Indies—Jamaica, Bahamas.</td>
<td>do</td>
<td>E</td>
<td>443</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, Central American river.</td>
<td><em>Dermatemys mawii</em></td>
<td>Mexico, Belize, Guatemala.</td>
<td>Entire</td>
<td>E</td>
<td>129</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, Cuatro Cienegas softshell.</td>
<td><em>Trionyx ater</em></td>
<td>Mexico</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, flattened musk</td>
<td><em>Sternotherus depressus</em></td>
<td>U.S.A. (AL)</td>
<td>do</td>
<td>T</td>
<td>272</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, geometric</td>
<td><em>Psammobates (=Geochelone) geometricus</em></td>
<td>South Africa</td>
<td>Entire</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, green sea</td>
<td><em>Chelonia mydas</em> (incl. <em>agassizi</em>).</td>
<td>Circumboreal in tropical and temperate seas and oceans.</td>
<td>Breeding colony populations in FL and on Pacific coast of Mexico.</td>
<td>E</td>
<td>42</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, hawksbill sea (=carey).</td>
<td><em>Eretmochelys imbricata</em></td>
<td>Tropical seas</td>
<td>do</td>
<td>T</td>
<td>42</td>
<td>226.72</td>
</tr>
<tr>
<td>Turtle, Inagua Island</td>
<td><em>Trachemys stejnegeri malonei</em></td>
<td>West Indies—Bahamas (Great Inagua Island).</td>
<td>do</td>
<td>E</td>
<td>443</td>
<td>226.73</td>
</tr>
<tr>
<td>Turtle, Indian sawback</td>
<td><em>Kachuga tecta tecta</em></td>
<td>India</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, Indian softshell</td>
<td><em>Trionyx gangeticus</em></td>
<td>Pakistan, India</td>
<td>do</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, Kemp’s (=Atlantic) ridley sea.</td>
<td><em>Lepidochelys kempii</em></td>
<td>Tropical and temperate seas in Atlantic Basin, incl. Gulf of Mexico.</td>
<td>do</td>
<td>E</td>
<td>4</td>
<td>NA</td>
</tr>
<tr>
<td>Turtle, leatherback sea</td>
<td><em>Dermochelys coriacea</em></td>
<td>Tropical, temperate, and subpolar seas.</td>
<td>do</td>
<td>E</td>
<td>3</td>
<td>226.71</td>
</tr>
</tbody>
</table>
### Turtle, loggerhead sea
- **Species:** Caretta caretta
- **Range:** Circumglobal in tropical and temperate seas and oceans.
- **Status:** T 42
- **Remarks:** Wherever found except where listed as endangered below.

### Turtle, olive (=Pacific) ridley sea.
- **Species:** Lepidochelys olivacea
- **Range:** Circumglobal in tropical and temperate seas.
- **Status:** T 42
- **Remarks:** Breeding colony populations on Pacific coast of Mexico.

### Turtle, olive (=Pacific) ridley sea.
- **Species:** Lepidochelys olivacea
- **Range:** Circumglobal in tropical and temperate seas.
- **Status:** E 42

### Turtle, Plymouth redbelly (=red-bellied)
- **Species:** Pseudemys (Chrysemys) rubriventris bangsi
- **Range:** U.S.A. (MA)
- **Status:** E 90

### Turtle, peacock softshell.
- **Species:** Trionyx hurum
- **Range:** India, Bangladesh
- **Status:** E 15

### Turtle, Plymouth redbelly (=red-bellied)
- **Species:** Pseudemys (Chrysemys) rubriventris bangsi
- **Range:** U.S.A. (LA, MS)
- **Status:** T 250

### Turtle, South American red-lined.
- **Species:** Trachemys scripta callirostris
- **Range:** Colombia, Venezuela
- **Status:** E 443

### Turtle, four-footed pond
- **Species:** Geoclemys (=Damonia) hamiltonii
- **Range:** North India, Pakistan
- **Status:** E 15

### Turtle, three-keeled Asian.
- **Species:** Melanochelys (=Geoemyda, Nicoria) tricarinata
- **Range:** Central India to Bangladesh and Buma.
- **Status:** E 15

### Turtle, yellow-blotched map (=sawback).
- **Species:** Graptemys flavimaculata
- **Range:** U.S.A. (MS)
- **Status:** T 416

### Viper, Lar Valley
- **Species:** Vipera latailly
- **Range:** Iran
- **Status:** E 129

### Whipsnake (=striped racer), Alameda.
- **Species:** Masticophis lateralis euryxanthus
- **Range:** U.S.A. (CA)
- **Status:** T 628

### AMPHIBIANS
- **Species:** Eleutherodactylus jasper
- **Range:** U.S.A. (PR)
- **Status:** T 29
<table>
<thead>
<tr>
<th>Common name</th>
<th>Scientific name</th>
<th>Historic range</th>
<th>Vertebrate population where endangered or threatened</th>
<th>Status</th>
<th>When listed</th>
<th>Critical habitat</th>
<th>Special rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frog, California red-legged.</td>
<td>Rana aurora draytonii</td>
<td>U.S.A. (CA), Mexico.</td>
<td>Entire (excluding Del Norte, Humboldt, Trinity, &amp; Mendocino Cos., CA; Glenn, Lake, &amp; Sonoma Cos., CA, west of the Central Valley Hydrologic Basin; Sonoma &amp; Marin Cos., CA, west &amp; north of San Francisco Bay drainages and Walker Creek drainage; and NV.)</td>
<td>T</td>
<td>583</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frog, Goliath</td>
<td>Conraua goliath</td>
<td>Cameroon, Equatorial Guinea, Gabon.</td>
<td>Entire .................................................</td>
<td>T</td>
<td>566</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frog, Israel painted</td>
<td>Discoglossus nigriventer.</td>
<td>Israel .................................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frog, Panamanian golden.</td>
<td>Ateopus varius zeteki</td>
<td>Panama .................................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Frog, Stephen Island Guajon</td>
<td>Leioeloma hamiltoni</td>
<td>New Zealand ............................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Guajon</td>
<td>Eleutherodactylus cooki.</td>
<td>U.S.A. (PR) ...........................................</td>
<td>...do .................................................</td>
<td>T</td>
<td>617</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salamander, Barton Springs.</td>
<td>Eurycea sosorum</td>
<td>U.S.A. (TX) ...........................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>612</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salamander, Cheat Mountain.</td>
<td>Plethodon nettingi</td>
<td>U.S.A. (WV) ...........................................</td>
<td>...do .................................................</td>
<td>T</td>
<td>358</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salamander, Chinese giant.</td>
<td>Andrias davidianus davidianus.</td>
<td>Western China ........................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salamander, desert slender.</td>
<td>Batrachoseps aridus</td>
<td>U.S.A. (CA) ...........................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salamander, Japanese giant.</td>
<td>Andrias davidianus japonicus.</td>
<td>Japan .................................................</td>
<td>...do .................................................</td>
<td>E</td>
<td>15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Location</td>
<td>Status</td>
<td>Protection Level</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------------------------------</td>
<td>--------</td>
<td>------------------</td>
<td>---------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, Red Hills</td>
<td>U.S.A. (AL)</td>
<td>T</td>
<td>19</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, San Marcos</td>
<td>U.S.A. (TX)</td>
<td>T</td>
<td>98</td>
<td>17.95(d) 17.43(a)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, Santa Cruz long-toed</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>1</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, Shenandoah</td>
<td>U.S.A. (VA)</td>
<td>E</td>
<td>358</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, Sonoran tiger</td>
<td>U.S.A. (AZ), Mexico</td>
<td>E</td>
<td>600</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salamander, Texas</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>1</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, arroyo (=arroyo southwestern)</td>
<td>U.S.A. (CA), Mexico</td>
<td>E</td>
<td>568</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, Cameroon</td>
<td>Equatorial Africa</td>
<td>E</td>
<td>15</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, Houston</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>2</td>
<td>17.95(d) NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, Monte Verde</td>
<td>Costa Rica</td>
<td>E</td>
<td>15</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, Puerto Rican crested</td>
<td>U.S.A. (PR), British Virgin Islands,</td>
<td>T</td>
<td>283</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toad, Wyoming</td>
<td>U.S.A. (NY)</td>
<td>E</td>
<td>138</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toads, African viviparous</td>
<td>Tanzania, Guinea, Ivory Coast, Camero,</td>
<td>E</td>
<td>15</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FISHES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ala Balik (trout)</td>
<td>Turkey</td>
<td>E</td>
<td>3</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ayumodoki (loach)</td>
<td>Japan</td>
<td>E</td>
<td>3</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blindcat, Mexican (catfish)</td>
<td>Mexico</td>
<td>E</td>
<td>3</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bonytongue, Asian</td>
<td>Thailand, Indonesia, Malaysia</td>
<td>E</td>
<td>15</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catfish [no common name]</td>
<td>Thailand</td>
<td>E</td>
<td>3</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catfish, giant</td>
<td>U.S.A. (AZ), Mexico</td>
<td>E</td>
<td>3</td>
<td>NA NA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catfish, Yaqui</td>
<td>U.S.A. (AZ), Mexico</td>
<td>T</td>
<td>157</td>
<td>17.95(e) 17.44(g)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------------</td>
<td>----------------</td>
<td>------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Cavefish, Alabama</td>
<td>Speoplatyrhinus poulsoni</td>
<td>U.S.A. (AL)</td>
<td>...do</td>
<td>E</td>
<td>28, 328</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Cavefish, Ozark</td>
<td>Amblyopsis rosae</td>
<td>U.S.A. (AR, MO, OK)</td>
<td>...do</td>
<td>T</td>
<td>164</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, bonytail</td>
<td>Gila elegans</td>
<td>U.S.A. (AZ, CA, CO, NV, UT, WY)</td>
<td>...do</td>
<td>E</td>
<td>92</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Borax Lake</td>
<td>Gila boraxobius</td>
<td>U.S.A. (OR)</td>
<td>...do</td>
<td>E</td>
<td>94E, 124</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Chihuahua</td>
<td>Gila nigrescens</td>
<td>U.S.A. (NM), Mexico (Chihuahua)</td>
<td>...do</td>
<td>T</td>
<td>132</td>
<td>NA</td>
<td>17.44(g)</td>
</tr>
<tr>
<td>Chub, humpback</td>
<td>Gila cypha</td>
<td>U.S.A. (AZ, CO, UT, WY)</td>
<td>...do</td>
<td>E</td>
<td>1</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Hutton tui</td>
<td>Gila bicolor ssp.</td>
<td>U.S.A. (OR)</td>
<td>...do</td>
<td>T</td>
<td>174</td>
<td>NA</td>
<td>17.44(j)</td>
</tr>
<tr>
<td>Chub, Mohave tui</td>
<td>Gila bicolor mohavensis</td>
<td>U.S.A. (CA)</td>
<td>...do</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Oregon</td>
<td>Oregonichthys (=Hybopsis) crameri</td>
<td>U.S.A. (OR)</td>
<td>...do</td>
<td>E</td>
<td>520</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Owens tui</td>
<td>Gila bicolor snyderi</td>
<td>U.S.A. (CA)</td>
<td>...do</td>
<td>E</td>
<td>195</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Pahranagat roundtail (=bonytail)</td>
<td>Gila robusta jordani</td>
<td>U.S.A. (NV)</td>
<td>...do</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, slender</td>
<td>Erimystax (=Hybopsis) cahni</td>
<td>U.S.A. (TN, VA)</td>
<td>...do</td>
<td>T</td>
<td>28</td>
<td>17.95(e)</td>
<td>17.44(c)</td>
</tr>
<tr>
<td>Chub, Sonora</td>
<td>Gila ditaenia</td>
<td>U.S.A. (AZ), Mexico</td>
<td>...do</td>
<td>T</td>
<td>227</td>
<td>17.95(e)</td>
<td>17.44(o)</td>
</tr>
<tr>
<td>Chub, spotfin (=turquoise shiner)</td>
<td>Cyprinella (=Hybopsis) monacha</td>
<td>U.S.A. (AL, GA, NC, TN, VA)</td>
<td>...do</td>
<td>T</td>
<td>28</td>
<td>17.95(e)</td>
<td>17.44(c)</td>
</tr>
<tr>
<td>Chub, Virgin River</td>
<td>Gila robusta semidradaa</td>
<td>U.S.A. (AZ, NV, UT)</td>
<td>...do</td>
<td>E</td>
<td>361</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chub, Yaqui</td>
<td>Gila purpurea</td>
<td>U.S.A. (AZ), Mexico</td>
<td>...do</td>
<td>E</td>
<td>157</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Cieek (minnow)</td>
<td>Acanthorutilus handirachi</td>
<td>Turkey</td>
<td>...do</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cui-ui</td>
<td>Chasmistes cujus</td>
<td>U.S.A. (NV)</td>
<td>...do</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Dace, Ash Meadows speckled</td>
<td>Rhinichthys osculus nevadensis</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>117E, 127E, 130</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Family</td>
<td>Species</td>
<td>Subspecies</td>
<td>Status</td>
<td>Count</td>
<td>Where</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------</td>
<td>---------</td>
<td>------------</td>
<td>--------</td>
<td>-------</td>
<td>--------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, blackside</td>
<td>Phoxinus cumberlandensis</td>
<td>U.S.A. (KY, TN)</td>
<td>T</td>
<td>273</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, Clover Valley speckled</td>
<td>Rhinichthys osculus oligoporus</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>370</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, desert</td>
<td>Eremichthys acros</td>
<td>U.S.A. (NV)</td>
<td>T</td>
<td>1, 2D</td>
<td>17.95(e), 17.44(m)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, Foskett speckled</td>
<td>Rhinichthys osculus ssp.</td>
<td>U.S.A. (OR)</td>
<td>E</td>
<td>370, 372</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, Independence Valley speckled</td>
<td>Rhinichthys osculus lethoporus</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, Kendall Warm Springs</td>
<td>Rhinichthys osculus thermalis</td>
<td>U.S.A. (WY)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dace, Moapa</td>
<td>Moapa coriacea</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, amber</td>
<td>Percina antlesella</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>E</td>
<td>196</td>
<td>17.95(e)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, bayou</td>
<td>Etheostoma rubrum</td>
<td>U.S.A. (MS)</td>
<td>T</td>
<td>10</td>
<td>NA, 17.44(b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, bluemask (=jewel)</td>
<td>Etheostoma (Doration)</td>
<td>U.S.A. (TN)</td>
<td>E</td>
<td>525</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, boulder (=Elk River)</td>
<td>Etheostoma wapii</td>
<td>U.S.A. (AL, TN)</td>
<td>E</td>
<td>322</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, Cherokee</td>
<td>Etheostoma scotti</td>
<td>U.S.A. (GA)</td>
<td>T</td>
<td>569</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, duskytail</td>
<td>Etheostoma percnurum</td>
<td>U.S.A. (TN, VA)</td>
<td>E</td>
<td>502</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, Etowah</td>
<td>Etheostoma etowahae</td>
<td>U.S.A. (GA)</td>
<td>E</td>
<td>569</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, fountain</td>
<td>Etheostoma fonticola</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>2</td>
<td>17.95(e)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, goldline</td>
<td>Percina aurolineata</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>T</td>
<td>462</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, leopard</td>
<td>Percina partherina</td>
<td>U.S.A. (AR, OK)</td>
<td>T</td>
<td>31</td>
<td>17.95(e), 17.44(d)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, Maryland</td>
<td>Etheostoma sellare</td>
<td>U.S.A. (MD)</td>
<td>E</td>
<td>1</td>
<td>17.95(e)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, Niangua</td>
<td>Etheostoma nianguae</td>
<td>U.S.A. (MO)</td>
<td>T</td>
<td>185</td>
<td>17.95(e), 17.44(k)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, Okaloosa</td>
<td>Etheostoma okaloosae</td>
<td>U.S.A. (FL)</td>
<td>E</td>
<td>6</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, relict</td>
<td>Etheostoma (Catonotus) chienense</td>
<td>U.S.A. (KY)</td>
<td>E</td>
<td>525</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, slackwater</td>
<td>Etheostoma boschungi</td>
<td>U.S.A. (AL, TN)</td>
<td>T</td>
<td>28</td>
<td>17.95(e), 17.44(c)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, snail</td>
<td>Percina tanasi</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>T</td>
<td>12, 150</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darter, watercress</td>
<td>Etheostoma nuchale</td>
<td>U.S.A. (AL)</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gambusia, Big Bend</td>
<td>Gambusia gaigei</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Gambusia, Clear Creek.</td>
<td>Gambusia heterochir</td>
<td>.....do .......................</td>
<td>.....do .......................</td>
<td>E</td>
<td>1</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gambusia, Pecos</td>
<td>Gambusia nobilis</td>
<td>U.S.A. (NM, TX)</td>
<td>.....do .......................</td>
<td>E</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Gambusia, San Marcos.</td>
<td>Gambusia georgei</td>
<td>U.S.A. (TX)</td>
<td>.....do .......................</td>
<td>E</td>
<td>98</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Goby, tidewater</td>
<td>Eucyclogobius newberryi</td>
<td>U.S.A. (CA)</td>
<td>.....do .......................</td>
<td>E</td>
<td>527</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Logperch, Conasauga</td>
<td>Percina jenkinsi</td>
<td>U.S.A. (GA, TN)</td>
<td>.....do .......................</td>
<td>E</td>
<td>196</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Logperch, Roanoke</td>
<td>Percina rex</td>
<td>U.S.A. (VA)</td>
<td>.....do .......................</td>
<td>E</td>
<td>359</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Madtom, Neosho</td>
<td>Noturus placidus</td>
<td>U.S.A. (KS, MO, OK)</td>
<td>.....do .......................</td>
<td>T</td>
<td>388</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Madtom, pygmy</td>
<td>Noturus stanauli</td>
<td>U.S.A. (TN)</td>
<td>.....do .......................</td>
<td>E</td>
<td>502</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Madtom, Scioto</td>
<td>Noturus trautmani</td>
<td>U.S.A. (OH)</td>
<td>.....do .......................</td>
<td>E</td>
<td>10</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Madtom, smoky</td>
<td>Noturus baileyi</td>
<td>U.S.A. (TN)</td>
<td>.....do .......................</td>
<td>E</td>
<td>163</td>
<td>17.95(e)</td>
<td>NA</td>
</tr>
<tr>
<td>Madtom, yellowfin</td>
<td>Noturus flavipinnis</td>
<td>U.S.A. (TN, VA)</td>
<td>Entire, except where listed as an experimental population below.</td>
<td>T</td>
<td>28, 317</td>
<td>17.95(e)</td>
<td>17.44(c)</td>
</tr>
<tr>
<td>Do</td>
<td>.....do .......................</td>
<td>.....do .......................</td>
<td>N. Fork Holston R., VA, TN; S. Fork Holston R., upstream to Ft. Patrick Henry Dam, TN; Holston R., downstream to John Sevier Detention Lake Dam, TN; and all tributaries thereto.</td>
<td>XN</td>
<td>317</td>
<td>NA</td>
<td>17.84(e)</td>
</tr>
<tr>
<td>Minnow, loach</td>
<td>Rhinichthys (=Tiaroga) cobitis.</td>
<td>U.S.A. (AZ, NM), Mexico,</td>
<td>Entire .......................</td>
<td>T</td>
<td>247</td>
<td>NA</td>
<td>17.44(q)</td>
</tr>
<tr>
<td>Minnow, Rio Grande silvery.</td>
<td>Hybognathus amarus</td>
<td>U.S.A. (NM, TX), Mexico.</td>
<td>.....do .......................</td>
<td>E</td>
<td>543</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Nekogigi (catfish)</td>
<td>Coreobagrus ichikawai.</td>
<td>Japan</td>
<td>.....do .......................</td>
<td>E</td>
<td>3</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Scientific Name</td>
<td>Location</td>
<td>Status</td>
<td>Range</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>----------</td>
<td>--------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Poolfish (=killifish), Pahrump</td>
<td>Empetrichthys latos</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, Comanche Springs</td>
<td>Cyprinodon elegans</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, desert</td>
<td>Cyprinodon macularius</td>
<td>U.S.A. (AZ, CA) Mexico</td>
<td>E</td>
<td>222</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, Devils Hole</td>
<td>Cyprinodon diabolis</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, Leon Springs</td>
<td>Cyprinodon bovinus</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>102</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, Owens</td>
<td>Cyprinodon radiatus</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pupfish, Warm Springs</td>
<td>Cyprinodon nevadensis pectoralis</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salmon, chinook (=Salmo tshawytscha)</td>
<td>Oncorhynchus tshawytscha</td>
<td>North Pacific Basin from U.S.A. (CA) to Japan</td>
<td>E</td>
<td>383E, 407, 534</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Sacramento R. (U.S.A.—CA) winter run, wherever found</td>
<td>T</td>
<td>516, 557E</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Snake R. (U.S.A.—ID, OR, WA) mainstem and the following subbasins—Tucannon R., Grande Ronde R., Imnaha R., and Salmon R.; spring/summer run, natural population(s), wherever found</td>
<td>T</td>
<td>516, 557E</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do</td>
<td>Snake R. (U.S.A.—ID, OR, WA) mainstem and the following sub-basins—Tucannon R., Grande Ronde R., Imnaha R., Salmon R. and Clearwater R.; fall run, natural populations(s), wherever found.</td>
<td>T</td>
<td>516, 557E</td>
<td>226.22</td>
<td>NA</td>
</tr>
<tr>
<td>Salmon, coho</td>
<td>Oncorhynchus (=Salmo) kisutch.</td>
<td>North Pacific Basin from U.S.A. (CA to AK) to Russia and Japan.</td>
<td>U.S.A. (CA), naturally spawning pops. in streams between Punta Gorda, Humboldt Co., CA and the San Lorenzo River, Santa Cruz Co., CA.</td>
<td>T</td>
<td>598</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do</td>
<td>U.S.A. (natural populations in river basins between Cape Blanco in Curry County, OR and Punta Gorda in Humboldt Co., CA).</td>
<td>T</td>
<td>618</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Salmon, sockeye (=red, =blueback).</td>
<td>Oncorhynchus (=Salmo) nerka.</td>
<td>North Pacific Basin from U.S.A. (CA) to Russia.</td>
<td>U.S.A. (Snake River, ID stock where found.).</td>
<td>E</td>
<td>455</td>
<td>226.22</td>
<td>NA</td>
</tr>
<tr>
<td>Sculpin, pygmy</td>
<td>Cottus pygmaeus</td>
<td>U.S.A. (AL)</td>
<td>Entire</td>
<td>T</td>
<td>365</td>
<td>NA</td>
<td>17.44(u)</td>
</tr>
<tr>
<td>Shiner, beautiful</td>
<td>Cyprinella (=Notropis) formosa.</td>
<td>U.S.A. (AZ, NM), Mexico.</td>
<td>do</td>
<td>T</td>
<td>157</td>
<td>17.95(e)</td>
<td>17.44(h)</td>
</tr>
<tr>
<td>Name</td>
<td>Scientific Name</td>
<td>Location</td>
<td>Status</td>
<td>IUCN</td>
<td>Added</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------</td>
<td>-------------------------------</td>
<td>--------</td>
<td>-----</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shiner, blue</td>
<td>Cyprinella (=Notropis) caerulea.</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>T</td>
<td>462</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shiner, Cahaba</td>
<td>Notropis cahabae</td>
<td>U.S.A. (AL)</td>
<td>E</td>
<td>405</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shiner, Cape Fear</td>
<td>Notropis mekistocholas</td>
<td>U.S.A. (NC)</td>
<td>E</td>
<td>290</td>
<td>17.95(e)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shiner, palezone</td>
<td>Notropis albizonatus</td>
<td>U.S.A. (AL, KY, TN)</td>
<td>E</td>
<td>502</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shiner, Pecos bluntnose</td>
<td>Notropis simus pecosensis</td>
<td>U.S.A. (NM)</td>
<td>T</td>
<td>258</td>
<td>17.95(e) 17.44(r)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silverside, Waccamaw</td>
<td>Menidia extensa</td>
<td>U.S.A. (NC)</td>
<td>T</td>
<td>265</td>
<td>17.95(e) 17.44(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smelt, delta</td>
<td>Hypomesus transpacificus</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>492</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinedace</td>
<td>Lepidomeda mollispinis praternsis.</td>
<td>U.S.A. (AZ, NM), Mexico.</td>
<td>T</td>
<td>173</td>
<td>17.95(e) 17.44(i)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinedace, Little Colorado</td>
<td>Lepidomeda vittata</td>
<td>U.S.A. (AZ)</td>
<td>T</td>
<td>287</td>
<td>17.95(e) 17.44(t)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spinedace, White River</td>
<td>Lepidomeda albivallis</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>203</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springfish, Hiko White River</td>
<td>Crenichthys baileyi grands.</td>
<td>U.S.A. (NV)</td>
<td>E</td>
<td>206</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springfish, Railroad Valley</td>
<td>Crenichthys nevadae</td>
<td>Entire, except Salt and Verde R. drainages, AZ.</td>
<td>E</td>
<td>1,193</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springfish, White River</td>
<td>Crenichthys baileyi baileyi.</td>
<td>Entire, except Salt and Verde R. drainages, AZ.</td>
<td>E</td>
<td>1,193</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squawfish, Colorado</td>
<td>Ptychocheilus lucius</td>
<td>U.S.A. (AZ, CA, CO, NM, NV, UT, NY), Mexico.</td>
<td>E</td>
<td>1,193</td>
<td>17.95(e) NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td></td>
<td>Salt and Verde R. drainages, AZ.</td>
<td>XN</td>
<td>193</td>
<td>17.48(b)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------</td>
<td>--------</td>
<td>--------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Steelhead</td>
<td>.............</td>
<td>Oncorhynchus (=Salmo) mykiss.</td>
<td>North Pacific Ocean from the Kamchatka Peninsula in Asia to the northern Baja Peninsula.</td>
<td>All naturally spawned populations (and their progeny) in rivers from the Santa Maria R., San Luis Obispo County, CA (inclusive) to Malibu Cr., Los Angeles County, CA (inclusive).</td>
<td>E</td>
<td>638</td>
<td>NA</td>
</tr>
<tr>
<td>Do</td>
<td>.............</td>
<td>do .....................</td>
<td>do .....................</td>
<td>All naturally spawned populations (and their progeny) in the Upper Columbia R. Basin upstream from the Yakima R., WA, to the U.S./Canada border, and also including the Wells Hatchery stock.</td>
<td>E</td>
<td>638</td>
<td>NA</td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>All naturally spawned populations (and their progeny) in streams from the Russian R. to Aptos Cr., Santa Cruz County, CA (inclusive), and the drainages of San Francisco and San Pablo Bays eastward to the Napa R. (inclusive), Napa County, CA, excluding the Sacramento-San Joaquin R. Basin of the Central Valley of CA.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T</td>
<td>638</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Do</th>
<th>do</th>
<th>do</th>
<th>do</th>
<th>All naturally spawned populations (and their progeny) in streams from the Pajaro R. (inclusive) located in Santa Cruz County, CA, to (but not including) the Santa Maria R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>638</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Do</th>
<th>do</th>
<th>do</th>
<th>do</th>
<th>All naturally spawned populations (and their progeny) in streams in the Snake R. Basin of southeast WA, northeast OR, and ID.</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>638</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>---------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>------------</td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do</td>
<td>T</td>
<td>638</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All naturally spawned populations (and their progeny) in streams and tributaries to the Columbia R. between the Cowlitz and Wind Rivers, WA, inclusive, and the Willamette and Hood Rivers, OR, inclusive, excluding the Upper Willamette River Basin above Willamette Falls and excluding the Little and Big White Salmon Rivers in WA.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do</td>
<td>do</td>
<td>do</td>
<td>T</td>
<td>638</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All naturally spawned populations (and their progeny) in the Sacramento and San Joaquin Rivers and their tributaries, excluding San Francisco and San Pablo Bays and their tributaries.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stickleback, unarmored threespine.</td>
<td>U.S.A. (CA) ..........</td>
<td>Entire .................</td>
<td>E</td>
<td>2</td>
</tr>
<tr>
<td>Stickleback, unarmored threespine.</td>
<td>U.S.A. (CA) ..........</td>
<td>Entire .................</td>
<td>E</td>
<td>2</td>
</tr>
<tr>
<td>Stickleback, unarmored threespine.</td>
<td>U.S.A. (CA) ..........</td>
<td>Entire .................</td>
<td>E</td>
<td>2</td>
</tr>
</tbody>
</table>

Gasterosteus aculeatus williamsoni.
<table>
<thead>
<tr>
<th>Species</th>
<th>Scientific Name</th>
<th>Distribution</th>
<th>Status</th>
<th>Recovery Action</th>
<th>Secretarial Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sturgeon, Gulf</td>
<td>Acipenser oxyrinchus desotoi</td>
<td>U.S.A. (AL, FL, GA, LA, MS).</td>
<td>T</td>
<td>444</td>
<td>NA</td>
</tr>
<tr>
<td>Sturgeon, pallid</td>
<td>Scaphirhynchus albus</td>
<td>U.S.A. (AR, IA, IL, KS, KY, LA, MO, MS, MT, ND, NE, SD, TN).</td>
<td>E</td>
<td>399</td>
<td>NA</td>
</tr>
<tr>
<td>Sturgeon, shortnose</td>
<td>Acipenser brevirostrum.</td>
<td>U.S.A. and Canada (Atlantic Coast).</td>
<td>E</td>
<td>1</td>
<td>NA</td>
</tr>
<tr>
<td>Sturgeon, white (Kootenai River pop.)</td>
<td>Acipenser transmontanus.</td>
<td>U.S.A. (ID, MT), Canada (B.C.).</td>
<td>E</td>
<td>549</td>
<td>NA</td>
</tr>
<tr>
<td>Sucker, June</td>
<td>Chasmistes liorus</td>
<td>U.S.A. (UT).</td>
<td>E</td>
<td>223</td>
<td>17.95(e)</td>
</tr>
<tr>
<td>Sucker, Lost River</td>
<td>Deltistes luxatus</td>
<td>U.S.A. (CA, OR).</td>
<td>E</td>
<td>313</td>
<td>NA</td>
</tr>
<tr>
<td>Sucker, Modoc</td>
<td>Catostomus microplus</td>
<td>U.S.A. (CA).</td>
<td>E</td>
<td>184</td>
<td>17.95(e)</td>
</tr>
<tr>
<td>Sucker, razorback</td>
<td>Xyrauchen texanus</td>
<td>U.S.A. (AZ, CA, CO, NM, NV, UT, WY), Mexico.</td>
<td>E</td>
<td>447</td>
<td>17.95(e)</td>
</tr>
<tr>
<td>Sucker, shortnose</td>
<td>Chasmistes brevirostris.</td>
<td>U.S.A. (CA, OR).</td>
<td>E</td>
<td>313</td>
<td>NA</td>
</tr>
<tr>
<td>Sucker, Warner</td>
<td>Catostomus warnerensis.</td>
<td>U.S.A. (OR).</td>
<td>T</td>
<td>205</td>
<td>17.95(e)</td>
</tr>
<tr>
<td>Tango, Miyako (Tokyo bitterling)</td>
<td>Tanakia tanago</td>
<td>Japan</td>
<td>E</td>
<td>3</td>
<td>NA</td>
</tr>
<tr>
<td>Temoleh, Ikan (minnow)</td>
<td>Probarbus jullieni</td>
<td>Thailand, Cambodia, Vietnam, Malaysia, Laos.</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Topminnow, Gila (incl. Yaqui)</td>
<td>Poeciliopsis occidentalis</td>
<td>U.S.A. (AZ, NM), Mexico.</td>
<td>E</td>
<td>1</td>
<td>NA</td>
</tr>
<tr>
<td>Totoaba (seatrout or weakfish)</td>
<td>Cynoscion macdonaldi.</td>
<td>Mexico (Gulf of California).</td>
<td>E</td>
<td>48</td>
<td>NA</td>
</tr>
<tr>
<td>Trout, Apache (=Arizona)</td>
<td>Oncorhynchus tshawytscha</td>
<td>U.S.A. (AZ).</td>
<td>T</td>
<td>1, 8</td>
<td>17.44(a)</td>
</tr>
<tr>
<td>Trout, bull</td>
<td>Salvelinus confluentius.</td>
<td>U.S.A. (Pacific NW), Canada (NW Territories).</td>
<td>T</td>
<td>637</td>
<td>17.44(v)</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------------</td>
<td>-------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>T</td>
</tr>
<tr>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>E</td>
</tr>
<tr>
<td>Trout, Gila</td>
<td>Oncorhynchus  (=Salmo) gilae.</td>
<td>U.S.A. (AZ, NM)</td>
<td>Do</td>
<td>Do</td>
<td>E</td>
</tr>
<tr>
<td>Trout, greenback cutthroat.</td>
<td>Oncorhynchus  (=Salmo) clarki stornas.</td>
<td>U.S.A. (CO)</td>
<td>Do</td>
<td>Do</td>
<td>T</td>
</tr>
<tr>
<td>Trout, Lahontan cutthroat.</td>
<td>Oncorhynchus  (=Salmo) clarki hershawi.</td>
<td>U.S.A. (CA, NV, OR, UT)</td>
<td>Do</td>
<td>Do</td>
<td>T</td>
</tr>
<tr>
<td>Trout, Little Kern golden.</td>
<td>Oncorhynchus  (=Salmo) aquabonita whitei.</td>
<td>U.S.A. (CA)</td>
<td>Do</td>
<td>Do</td>
<td>T</td>
</tr>
<tr>
<td>Trout, Paiute cutthroat</td>
<td>Oncorhynchus  (=Salmo) clarki seleniris.</td>
<td>U.S.A. (AK, CA, OR, WA).</td>
<td>Do</td>
<td>Do</td>
<td>T</td>
</tr>
<tr>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>Do</td>
<td>XN</td>
</tr>
<tr>
<td>CLAMS</td>
<td>Species</td>
<td>Location</td>
<td>Status</td>
<td>Recovery</td>
<td>Taxonomy</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>---------------------------</td>
<td>--------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>Acornshell, southern</td>
<td><em>Epioblasma othcalogensis</em></td>
<td>U.S.A. (AL, GA, TN)</td>
<td>E</td>
<td>495</td>
<td>NA</td>
</tr>
<tr>
<td>Barkclimber (mussel), purple</td>
<td><em>Elliptioideus sloatianus</em></td>
<td>U.S.A. (AL, GA, FL)</td>
<td>NA</td>
<td>T</td>
<td>633</td>
</tr>
<tr>
<td>Bean, Cumberland (pearlymussel)</td>
<td><em>Villosa (=Micromya) trabalis.</em></td>
<td>U.S.A. (AL, KY, TN, VA)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Bean, Purple</td>
<td><em>Villosa perpurpurea</em></td>
<td>U.S.A. (TN, VA)</td>
<td>E</td>
<td>602</td>
<td>NA</td>
</tr>
<tr>
<td>Blossom, green (pearlymussel)</td>
<td><em>Epioblasma (=Dysnomia) torulosa gubernaculum.</em></td>
<td></td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Blossom, tubercled (pearlymussel)</td>
<td><em>Epioblasma (=Dysnomia) torulosa torulosa</em></td>
<td>U.S.A. (AL, IL, IN, KY, TN, WV)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Blossom, turgid (pearlymussel)</td>
<td><em>Epioblasma (=Dysnomia) turgidula.</em></td>
<td>U.S.A. (AL, TN)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Blossom, yellow (pearlymussel)</td>
<td><em>Epioblasma (=Dysnomia) florentina florentina</em></td>
<td>U.S.A. (AL, IL, IN, KY, OH, TN)</td>
<td>E</td>
<td>394</td>
<td>NA</td>
</tr>
<tr>
<td>Catspaw (=purple cat’s paw pearlymussel).</td>
<td><em>Epioblasma (=Dysnomia) obliquata obiquata (=sulcata sulcata).</em></td>
<td>U.S.A. (IN, MI, OH)</td>
<td>E</td>
<td>15</td>
<td>NA</td>
</tr>
<tr>
<td>Catspaw, white (pearlymussel).</td>
<td><em>Pleurobema clava</em></td>
<td>U.S.A. (AL, IL, IN, KY, MI, OH, PA, TN, WV)</td>
<td>E</td>
<td>488</td>
<td>NA</td>
</tr>
<tr>
<td>Clubshell</td>
<td><em>Pleurobema curtum</em></td>
<td>U.S.A. (AL, MS)</td>
<td>E</td>
<td>262</td>
<td>NA</td>
</tr>
<tr>
<td>Clubshell, black (=Curtus’ mussel).</td>
<td><em>Pleurobema perovatum</em></td>
<td>U.S.A. (AL, GA, MS, TN)</td>
<td>E</td>
<td>495</td>
<td>NA</td>
</tr>
<tr>
<td>Clubshell, ovate</td>
<td><em>Pleurobema decisum</em></td>
<td></td>
<td>E</td>
<td>495</td>
<td>NA</td>
</tr>
<tr>
<td>Clubshell, southern</td>
<td><em>Epioblasma brevidens</em></td>
<td>U.S.A. (AL, KY, TN, VA)</td>
<td>E</td>
<td>602</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------</td>
<td>----------------</td>
<td>---------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Combshell, southern (=penitent mussel).</td>
<td><em>Epioblasma</em> (=<em>Dysnomia</em>) <em>penita</em>.</td>
<td>U.S.A. (AL, MS)</td>
<td>NA</td>
<td>E</td>
<td>262</td>
</tr>
<tr>
<td>Combshell, upland</td>
<td><em>Epioblasma</em> <em>metastriata</em>.</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>NA</td>
<td>E</td>
<td>495</td>
</tr>
<tr>
<td>Elktoe, Appalachian</td>
<td><em>Alasmidonta raveneliana</em>.</td>
<td>U.S.A. (NC, TN)</td>
<td>NA</td>
<td>E</td>
<td>563</td>
</tr>
<tr>
<td>Elktoe, Cumberland</td>
<td><em>Alasmidonta atropurpurea</em>.</td>
<td>U.S.A. (KY, TN)</td>
<td>NA</td>
<td>E</td>
<td>602</td>
</tr>
<tr>
<td>Fatmucket, Arkansas</td>
<td><em>Lampsilis powelli</em>.</td>
<td>U.S.A. (AR)</td>
<td>NA</td>
<td>T</td>
<td>382</td>
</tr>
<tr>
<td>Heelsplitter, Carolina</td>
<td><em>Lasmigona decorata</em>.</td>
<td>U.S.A. (NC, SC)</td>
<td>NA</td>
<td>E</td>
<td>505</td>
</tr>
<tr>
<td>Heelsplitter, Alabama (=inflated).</td>
<td><em>Potamilus inflatus</em>.</td>
<td>U.S.A. (AL, LA, NS)</td>
<td>NA</td>
<td>T</td>
<td>404</td>
</tr>
<tr>
<td>Kidneyshell, triangular</td>
<td><em>Ptychobranchus greeni</em>.</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>NA</td>
<td>E</td>
<td>495</td>
</tr>
<tr>
<td>Lilliput, pale (pearlymussel).</td>
<td><em>Toxolasma</em> (=<em>Carunculina</em>) <em>cylindrellus</em>.</td>
<td>U.S.A. (IA, IL, IN, KY, MN, MO, NE, OH, OK, TN, WI).</td>
<td>NA</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Mapleleaf, winged (mussel).</td>
<td><em>Quadrula fragosa</em>.</td>
<td>U.S.A. (IA, IL, IN, KY, MN, MO, NE, OH, OK, TN, WI).</td>
<td>NA</td>
<td>E</td>
<td>426</td>
</tr>
<tr>
<td>Moccasinshell, Coosa</td>
<td><em>Medionidus parvulus</em>.</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>NA</td>
<td>E</td>
<td>495</td>
</tr>
<tr>
<td>Moccasinshell, Gulf</td>
<td><em>Medionidus perciliatus</em>.</td>
<td>U.S.A. (AL, FL, GA)</td>
<td>NA</td>
<td>E</td>
<td>633</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Status</td>
<td>Recovery Unit</td>
<td>Threats</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------------------------------------</td>
<td>---------------------</td>
<td>--------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>Monkeyface, Appalachian (pearlymussel)</td>
<td>Quadrula sparsa</td>
<td>U.S.A. (TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Monkeyface, Cumberland (pearlymussel)</td>
<td>Quadrula intermedia</td>
<td>U.S.A. (AL, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Mucket, orangenacre</td>
<td>Lampsis perovalis (=orbiculata)</td>
<td>U.S.A. (AL, MS)</td>
<td>NA</td>
<td></td>
<td>T 495</td>
</tr>
<tr>
<td>Mucket, pink (pearlymussel)</td>
<td>Lampsis abrupta</td>
<td>U.S.A. (AL, AR, IL, IN, KY, LA, MO, OH, PA, TN, VA, WV)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Mussel, oyster</td>
<td>Epiblasma capsaeformis</td>
<td>U.S.A. (AL, KY, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 602</td>
</tr>
<tr>
<td>Pearlshell, Louisiana</td>
<td>Margaritifera hembeli</td>
<td>U.S.A. (LA)</td>
<td>NA</td>
<td></td>
<td>T 304, 518</td>
</tr>
<tr>
<td>Pearlymussel, birdwing</td>
<td>Conradilla caelata</td>
<td>U.S.A. (AL, IL, IN, KY, OH, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pearlymussel, cracking</td>
<td>Hemistena (=Lastena) lata.</td>
<td>U.S.A. (AL, IL, IN, KY, OH, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 366</td>
</tr>
<tr>
<td>Pearlymussel, Curtis</td>
<td>Epiblasma (=Dysnomia) florentina curtisi.</td>
<td>U.S.A. (AR, MO)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pearlymussel, dromedary</td>
<td>Dromus dromas</td>
<td>U.S.A. (AL, KY, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pearlymussel, littlewing.</td>
<td>Pegias fabula</td>
<td>U.S.A. (AL, KY, NC, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 342</td>
</tr>
<tr>
<td>Pearlymussel, Nicklin's</td>
<td>Megalanaias nicklineana.</td>
<td>Mexico</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pearlymussel, Tampico.</td>
<td>Cytonaias tampoensis tecomatensis.</td>
<td>Mexico</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pimpleback, orangefoot</td>
<td>Plethobasus cooperianus</td>
<td>U.S.A. (AL, IA, IL, KY, OH, PA, TN)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Pigtoe, Cumberland (=Cumberland pigtoe mussel)</td>
<td>Pleuroberma gibberum</td>
<td>U.S.A. (TN)</td>
<td>NA</td>
<td></td>
<td>E 423</td>
</tr>
<tr>
<td>Pigtoe, dark</td>
<td>Pleuroberma furvum</td>
<td>U.S.A. (AL)</td>
<td>NA</td>
<td></td>
<td>E 495</td>
</tr>
<tr>
<td>Pigtoe, finerayed</td>
<td>Fusconaia cuneolus</td>
<td>U.S.A. (AL, TN, VA)</td>
<td>NA</td>
<td></td>
<td>E 15</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Pigtoe, flat (=Marshall's mussel)</td>
<td>Pleurobema marshalli</td>
<td>U.S.A. (AL, MS)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>262</td>
</tr>
<tr>
<td>Pigtoe, heavy (=Judge Tait's mussel)</td>
<td>Pleurobema taitianum</td>
<td>...do ..................................</td>
<td>NA ...........................................</td>
<td>E</td>
<td>262</td>
</tr>
<tr>
<td>Pigtoe, oval</td>
<td>Pleurobema pyriforme</td>
<td>U.S.A. (AL, FL, GA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>633</td>
</tr>
<tr>
<td>Pigtoe, rough</td>
<td>Pleurobema plenum</td>
<td>U.S.A. (AL, IN, KY, PA, TN, VA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Pigtoe, shiny (=edgariana)</td>
<td>Fusconaia cor</td>
<td>U.S.A. (AL, TN, VA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Pigtoe, southern</td>
<td>Pleurobema georianum</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>495</td>
</tr>
<tr>
<td>Pink, ring (mussel)</td>
<td>Obovaria retusa</td>
<td>U.S.A. (AL, IL, IN, KY, OH, PA, TN, WV)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>369</td>
</tr>
<tr>
<td>Pocketbook, fat</td>
<td>Potamilus (=Proptera) capax</td>
<td>U.S.A. (AR, IA, IL, IN, KY, MO, MS, OH)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>Pocketbook, finelined</td>
<td>Lampsilis altis</td>
<td>U.S.A. (AL, GA)</td>
<td>NA ...........................................</td>
<td>T</td>
<td>495</td>
</tr>
<tr>
<td>Pocketbook, Ouachita rock (=Wheeler's pearly mussel)</td>
<td>Arkansia (=Arcidens) wheeler.</td>
<td>U.S.A. (AR, OK)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>446</td>
</tr>
<tr>
<td>Pocketbook, shinyrayed.</td>
<td>Lampsilis subangulata</td>
<td>U.S.A. (AL, FL, GA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>633</td>
</tr>
<tr>
<td>Pocketbook, speckled</td>
<td>Lampsilis streckeri</td>
<td>U.S.A. (AR)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>345</td>
</tr>
<tr>
<td>Rabbitsfoot, rough</td>
<td>Quadrula cylindrica strigillata.</td>
<td>U.S.A. (TN, VA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>602</td>
</tr>
<tr>
<td>Rifleshell, northern</td>
<td>Epioblasma torulosa rangiana.</td>
<td>U.S.A. (IL, IN, KY, MI, OH, PA, WV), Canada (Ont.)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>488</td>
</tr>
<tr>
<td>Rifleshell, tan</td>
<td>Epioblasma florentina walker (=E. walkeri)</td>
<td>U.S.A. (AL, KY, TN, VA)</td>
<td>NA ...........................................</td>
<td>E</td>
<td>27</td>
</tr>
<tr>
<td>Slabshell, Chipola</td>
<td>Elliptio chipolaensis</td>
<td>U.S.A. (AL, FL)</td>
<td>NA ...........................................</td>
<td>T</td>
<td>633</td>
</tr>
<tr>
<td>Spiny mussel, James (=Virginia).</td>
<td>Pleurobema (=Fusconaia, =Elliptio, =Canthyra) collina.</td>
<td>U.S.A. (VA, WV)</td>
<td>NA</td>
<td>E</td>
<td>316</td>
</tr>
<tr>
<td>Spiny mussel, Tar River.</td>
<td>Elliptio (Canthyra) steinkiansana.</td>
<td>U.S.A. (NC)</td>
<td>NA</td>
<td>E</td>
<td>188</td>
</tr>
<tr>
<td>Stirrupshell.</td>
<td>Quadrula stapes.</td>
<td>U.S.A. (AL, MS)</td>
<td>NA</td>
<td>E</td>
<td>262</td>
</tr>
<tr>
<td>Wartyback, white (pearly mussel).</td>
<td>Plectobasus citricous.</td>
<td>U.S.A. (AL, IL, IN, KY, TN).</td>
<td>NA</td>
<td>E</td>
<td>15</td>
</tr>
<tr>
<td>SNAILS</td>
<td>Oxytoma haydeni kanabensis.</td>
<td>U.S.A. (AZ, UT)</td>
<td>NA</td>
<td>E</td>
<td>431E, 459, 477</td>
</tr>
<tr>
<td>Snail, Chittenango ovate amber.</td>
<td>Succinea chittenangoensis.</td>
<td>U.S.A. (NY)</td>
<td>NA</td>
<td>T</td>
<td>41</td>
</tr>
<tr>
<td>Snail, flat-spired three-toothed.</td>
<td>Triodopsis platysayoides.</td>
<td>U.S.A. (WV)</td>
<td>NA</td>
<td>T</td>
<td>41</td>
</tr>
<tr>
<td>Snail, Iowa Pleistocene.</td>
<td>Discus macintocki.</td>
<td>U.S.A. (IA, IL)</td>
<td>NA</td>
<td>E</td>
<td>41</td>
</tr>
<tr>
<td>Snail, Manus Island tree.</td>
<td>Papustyla pulcherrima.</td>
<td>Pacific Ocean—Admiralty Is. (Manus Is.).</td>
<td>NA</td>
<td>E</td>
<td>3</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>----------------------------</td>
<td>----------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Snail, Morro shoulderband</td>
<td>Helminthoglypta</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>567</td>
</tr>
<tr>
<td>(=Banded dune).</td>
<td>walkeriana.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snail, noonday</td>
<td>Mesodon clarki</td>
<td>U.S.A. (NC)</td>
<td>NA</td>
<td>T</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>nantahala.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snail, painted snake</td>
<td>Anguispira picta.</td>
<td>U.S.A. (TN)</td>
<td>NA</td>
<td>T</td>
<td>41</td>
</tr>
<tr>
<td>coiled forest.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snail, Stock Island tree</td>
<td>Orthalicus reses (not</td>
<td>U.S.A. (FL)</td>
<td>NA</td>
<td>T</td>
<td>41</td>
</tr>
<tr>
<td></td>
<td>incl. nesodryas).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snail, tulotoma</td>
<td>Tulotoma magnifica.</td>
<td>U.S.A. (AL)</td>
<td>NA</td>
<td>E</td>
<td>412</td>
</tr>
<tr>
<td>(=Alabama live-bearing).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snail, Utah valvata</td>
<td>Valvata utahensis.</td>
<td>U.S.A. (ID)</td>
<td>NA</td>
<td>E</td>
<td>485</td>
</tr>
<tr>
<td>Snail, Virginia fringed</td>
<td>Polygyriscus virginianus.</td>
<td>U.S.A. (VA)</td>
<td>NA</td>
<td>E</td>
<td>41</td>
</tr>
<tr>
<td>mountain.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Snails, Oahu tree</td>
<td>Achatinella spp.</td>
<td>U.S.A. (HI)</td>
<td>NA</td>
<td>E</td>
<td>108, 112</td>
</tr>
<tr>
<td>Snails, (eastern States south to FL, west to SD and TX), eastern Canada.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springsnail, Alamosa</td>
<td>Tryonia alamosae.</td>
<td>U.S.A. (NM)</td>
<td>NA</td>
<td>E</td>
<td>442</td>
</tr>
<tr>
<td>Hot.</td>
<td>Pyrgulopsis bruneaensis.</td>
<td>U.S.A. (ID)</td>
<td>NA</td>
<td>E</td>
<td>489</td>
</tr>
<tr>
<td>Springsnail, Idaho</td>
<td>Fontellicella idahoensis.</td>
<td>U.S.A. (NM); do</td>
<td>NA</td>
<td>E</td>
<td>485</td>
</tr>
<tr>
<td>Springsnail, Socorro</td>
<td>Pyrgulopsis neomexicana.</td>
<td>U.S.A. (NM); do</td>
<td>NA</td>
<td>E</td>
<td>442</td>
</tr>
<tr>
<td>INSECTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beetle, American burying</td>
<td>Nicrophorus americanus.</td>
<td>U.S.A. (eastern States south to FL, west to SD and TX), eastern Canada.</td>
<td>NA</td>
<td>E</td>
<td>351</td>
</tr>
<tr>
<td>(=giant carrion).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beetle, Coffin Cave mold.</td>
<td>Batrisodes texanus.</td>
<td>U.S.A. (TX)</td>
<td>NA</td>
<td>E</td>
<td>327, 513</td>
</tr>
<tr>
<td>Insect Type</td>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Range</td>
<td>Status</td>
<td>Declared</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------------</td>
<td>-----------------</td>
<td>------------------------------</td>
<td>--------</td>
<td>----------</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Comal Springs riffle</td>
<td>Heterelmis comalensis</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>629</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Comal Springs dryopid</td>
<td>Stygoparnius comalensis</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>629</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, delta green ground</td>
<td>Elaphrus viridis</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>100</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Hungerford's crawling water</td>
<td>Brychius hungerfordi</td>
<td>U.S.A. (MI, Canada)</td>
<td>E</td>
<td>533</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Kretschmarr Cave mold</td>
<td>Texamaurops reddelli</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>327</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Mount Hermon June</td>
<td>Polyphyla barbata</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>605</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, northeastern beach tiger</td>
<td>Cicindela dorsalis</td>
<td>U.S.A. (CT, MA, MD, NJ, NY, PA, RI, VA)</td>
<td>T</td>
<td>396</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Puritan tiger</td>
<td>Cicindela puritana</td>
<td>U.S.A. (CT, MA, MD, NH, VT)</td>
<td>T</td>
<td>396</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, Tooth Cave ground</td>
<td>Rhadne persephone</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>327</td>
</tr>
<tr>
<td>Beetle</td>
<td>Beetle, valley elderberry longhorn</td>
<td>Desmocerus californicus dimorphus</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>99</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, bay checkerspot</td>
<td>Euphydryas editha bayensis</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>288</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, Behren’s silverspot</td>
<td>Speyeria zerene behrensi</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>628</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, callippe silverspot</td>
<td>Speyeria callippe</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>628</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, Corsican swallowtail</td>
<td>Papilio hospiton</td>
<td>Corsica, Sardinia</td>
<td>E</td>
<td>486</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, El Segundo blue</td>
<td>Euphilotes (=Shijimaeoides) batoides allyni</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>14</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, Homerus swallowtail</td>
<td>Papilio homerus</td>
<td>Jamaica</td>
<td>E</td>
<td>486</td>
</tr>
<tr>
<td>Butterfly</td>
<td>Butterfly, Karner blue</td>
<td>Lycaenides melissa samuelis</td>
<td>U.S.A. (IL, IN, MA, MI, MN, NH, NY, OH, PA, WI, Canada (Ont.))</td>
<td>E</td>
<td>484</td>
</tr>
<tr>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
<td>When listed</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>------------------------------------------------------</td>
<td>--------------------</td>
<td>------------------------------------------------------</td>
<td>--------</td>
<td>-------------</td>
</tr>
<tr>
<td>Butterfly, Lange’s metalmark.</td>
<td>Apodemia mormo langei</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>14</td>
</tr>
<tr>
<td>Butterfly, lotis blue</td>
<td>Lycaenides argyrognomon lotis</td>
<td>do</td>
<td>NA</td>
<td>E</td>
<td>14</td>
</tr>
<tr>
<td>Butterfly, Luzon peacock swallowtail.</td>
<td>Papilio chikae</td>
<td>Philippines</td>
<td>NA</td>
<td>E</td>
<td>486</td>
</tr>
<tr>
<td>Butterfly, mission blue</td>
<td>Icaricia icarioides missionensis</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>14</td>
</tr>
<tr>
<td>Butterfly, Myrtle’s silverspot.</td>
<td>Speyeria zerene myrtleae</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>472</td>
</tr>
<tr>
<td>Butterfly, Oregon silverspot.</td>
<td>Speyeria zerene hippolyta</td>
<td>U.S.A. (CA, OR, WA)</td>
<td>NA</td>
<td>T</td>
<td>95</td>
</tr>
<tr>
<td>Butterfly, Palos Verdes blue.</td>
<td>Glaucopsyche lygdamus palosverdesensis.</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>96</td>
</tr>
<tr>
<td>Butterfly, Queen Alexandra’s birdwing.</td>
<td>Troides (=Ornithoptera alexandrae)</td>
<td>Papua New Guinea</td>
<td>NA</td>
<td>E</td>
<td>364</td>
</tr>
<tr>
<td>Butterfly, Quino checkerspot.</td>
<td>Euphydryas editha quino (=E. e. wrighti)</td>
<td>U.S.A. (CA), Mexico</td>
<td>NA</td>
<td>E</td>
<td>604</td>
</tr>
<tr>
<td>Butterfly, Saint Francis’ satyr.</td>
<td>Neonympha mitchelli francisci.</td>
<td>U.S.A. (NC)</td>
<td>NA</td>
<td>E</td>
<td>539E, 574</td>
</tr>
<tr>
<td>Butterfly, Schaus swallowtail.</td>
<td>Heraclides (=Papilio aristotelemus ponceanus)</td>
<td>U.S.A. (FL)</td>
<td>NA</td>
<td>E</td>
<td>13, 159</td>
</tr>
<tr>
<td>Butterfly, Smith’s blue</td>
<td>Euphilotes (=Shijimiaeoides enoptes smithi)</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>14</td>
</tr>
<tr>
<td>Animal</td>
<td>Scientific Name</td>
<td>Location</td>
<td>Status</td>
<td>Example</td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------------------------------</td>
<td>-------------------------------</td>
<td>--------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>Butterfly, Uncompahgre fritillary.</td>
<td><em>Boloria acrocnema</em></td>
<td>U.S.A. (CO)</td>
<td>E</td>
<td>427</td>
<td></td>
</tr>
<tr>
<td>Dragonfly, Hine’s (=Ohio) emerald.</td>
<td><em>Somatochlora hineana</em></td>
<td>U.S.A. (IL, IN, OH, WI)</td>
<td>E</td>
<td>573</td>
<td></td>
</tr>
<tr>
<td>Moth, Kern primrose sphinx.</td>
<td><em>Euprosperinus euterpe</em></td>
<td>U.S.A.</td>
<td>T</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>Skipper, Laguna Mountains.</td>
<td><em>Pyrgus ruralis lagurnae</em></td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>604</td>
<td></td>
</tr>
<tr>
<td>Skipper, Pawnee montane.</td>
<td><em>Hesperia leonardus (=pawnee) montana</em></td>
<td>U.S.A. (CO)</td>
<td>T</td>
<td>289</td>
<td></td>
</tr>
<tr>
<td>ARACHNIDS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harvestman, Bee Creek Cave.</td>
<td><em>Texella reddelli</em></td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>Harvestman, Bone Cave.</td>
<td><em>Texella reyesi</em></td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>Spider, spruce-fir moss</td>
<td><em>Microhexura montivaga</em></td>
<td>U.S.A. (NC,TN)</td>
<td>E</td>
<td>576</td>
<td></td>
</tr>
<tr>
<td>Spider, Tooth Cave.</td>
<td><em>Neoleptoneta (=Leptoneta) myopica</em></td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>327</td>
<td></td>
</tr>
<tr>
<td>CRUSTACEANS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amphipod, Illinois cave</td>
<td><em>Gammarus acherondytes</em></td>
<td>U.S.A. (IL)</td>
<td>E</td>
<td>642</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Scientific name</td>
<td>Historic range</td>
<td>Vertebrate population where endangered or threatened</td>
<td>Status</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>-----------------</td>
<td>----------------</td>
<td>-----------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Amphipod, Peck's cave</td>
<td>Stygobromus (=Stygoneetes) pecki.</td>
<td>U.S.A. (TX)</td>
<td>NA</td>
<td>E</td>
<td>629</td>
</tr>
<tr>
<td>Crayfish, cave [no common name].</td>
<td>Cambarus aculabrum</td>
<td>U.S.A. (AR)</td>
<td>NA</td>
<td>E</td>
<td>499</td>
</tr>
<tr>
<td>Do</td>
<td>Cambarus zophonastes.</td>
<td>......do</td>
<td>NA</td>
<td>E</td>
<td>263</td>
</tr>
<tr>
<td>Crayfish, Nashville</td>
<td>Orconectes shoupi</td>
<td>U.S.A. (TN)</td>
<td>NA</td>
<td>E</td>
<td>242</td>
</tr>
<tr>
<td>Crayfish, Shasta (=placid).</td>
<td>Pacifastacus fortis</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>337</td>
</tr>
<tr>
<td>Fairy shrimp, Conservancy.</td>
<td>Branchinecta conservatio.</td>
<td>......do</td>
<td>NA</td>
<td>E</td>
<td>552</td>
</tr>
<tr>
<td>Fairy shrimp, longhorn</td>
<td>Branchinecta longiantenna.</td>
<td>......do</td>
<td>NA</td>
<td>E</td>
<td>552</td>
</tr>
<tr>
<td>Fairy shrimp, Riverside</td>
<td>Streptocephalus woottoni.</td>
<td>......do</td>
<td>NA</td>
<td>E</td>
<td>512</td>
</tr>
<tr>
<td>Fairy shrimp, San Diego.</td>
<td>Branchinecta sandgegonensis.</td>
<td>......do</td>
<td>NA</td>
<td>E</td>
<td>608</td>
</tr>
<tr>
<td>Fairy shrimp, vernal pool.</td>
<td>Branchinecta lynchii.</td>
<td>......do</td>
<td>NA</td>
<td>T</td>
<td>552</td>
</tr>
<tr>
<td>Isopod, Lee County cave.</td>
<td>Lirceus usdagalun.</td>
<td>U.S.A. (VA)</td>
<td>NA</td>
<td>E</td>
<td>483</td>
</tr>
<tr>
<td>Isopod, Madison Cave</td>
<td>Antrolana lira (=Exosphaeroma thermophilus).</td>
<td>......do</td>
<td>NA</td>
<td>T</td>
<td>123</td>
</tr>
<tr>
<td>Isopod, Socorro</td>
<td>Thermosphaeroma electron.</td>
<td>U.S.A. (NM)</td>
<td>NA</td>
<td>E</td>
<td>36</td>
</tr>
<tr>
<td>Shrimp, Alabama cave</td>
<td>Palaemonias alabamae.</td>
<td>U.S.A. (AL)</td>
<td>NA</td>
<td>E</td>
<td>323</td>
</tr>
<tr>
<td>Shrimp, California freshwater.</td>
<td>Syncaris pacifica</td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>340</td>
</tr>
<tr>
<td>Shrimp, Kentucky cave</td>
<td>Palaemonias ganteri</td>
<td>U.S.A. (KY)</td>
<td>NA</td>
<td>E</td>
<td>135</td>
</tr>
<tr>
<td>Shrimp, Squirrel Chimney Cave (=Florida cave).</td>
<td>Palaemonetes cummingi.</td>
<td>U.S.A. (FL)</td>
<td>NA</td>
<td>T</td>
<td>390</td>
</tr>
<tr>
<td>Tadpole shrimp, vernal pool.</td>
<td><em>Lepidurus packardi</em></td>
<td>U.S.A. (CA)</td>
<td>NA</td>
<td>E</td>
<td>552</td>
</tr>
</tbody>
</table>

Symbols used in the “when listed” column:

D—Indicates FR where species was Delisted; relisting of the species is indicated by subsequent number(s).

E—Indicates Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under “When listed.”
§ 17.11

1—32 FR 4001; March 11, 1967.
2—35 FR 16047; October 13, 1970.
3—35 FR 8495; June 2, 1970.
4—35 FR 18320; December 2, 1970.
5—37 FR 6176; March 30, 1972.
7—39 FR 8495; June 2, 1970.
8—39 FR 18320; December 2, 1970.
10—40 FR 29864; July 16, 1975.
11—40 FR 44151; September 25, 1975.
12—41 FR 17740; April 28, 1976.
13—41 FR 22044; June 1, 1976.
14—41 FR 24064; June 14, 1976.
15—41 FR 26019; June 24, 1976.
16—41 FR 45993; October 19, 1976.
17—41 FR 51021; November 19, 1976.
18—41 FR 51612; November 23, 1976.
19—41 FR 53034; December 3, 1976.
22—42 FR 15971; March 24, 1977.
23—42 FR 28137; June 2, 1977.
26—42 FR 40685; August 21, 1979.
27—42 FR 42353; August 21, 1979.
33—43 FR 4621; February 3, 1978.
34—43 FR 6223; February 14, 1978.
35—43 FR 9612; March 9, 1978.
36—43 FR 12691; March 27, 1978.
37—43 FR 15429; April 13, 1978.
38—43 FR 16345; April 18, 1978.
39—43 FR 20504; May 12, 1978.
42—43 FR 34479; August 4, 1978.
43—44 FR 21289; April 10, 1979.
44—44 FR 23064; April 17, 1979.
45—44 FR 29480; May 21, 1979.
49—45 FR 49220; August 21, 1979.
50—45 FR 59084; October 12, 1979.
52—45 FR 70677; December 7, 1979.
53—45 FR 75076; December 18, 1979.
54—45 FR 18010; March 20, 1980.
55—45 FR 21833; April 2, 1980.
56—45 FR 24090; April 8, 1980.
57—45 FR 27713; April 23, 1980.
58—45 FR 28772; April 30, 1980.
59—45 FR 35821; May 28, 1980.
60—45 FR 34935; July 2, 1980.
61—45 FR 47352; July 14, 1980.
63—45 FR 52803; August 8, 1980.
64—45 FR 52807; August 8, 1980.
65—45 FR 54678; August 15, 1980.
66—45 FR 55654; August 20, 1980.
67—45 FR 63812; September 25, 1980.
68—45 FR 65132; October 1, 1980.
69—45 FR 3178; January 13, 1981.
70—46 FR 11665; February 10, 1981.
71—46 FR 40025; August 6, 1981.
72—46 FR 40664; August 10, 1981.
74—47 FR 5425; February 5, 1982.
75—47 FR 19995; May 10, 1982.
77—47 FR 43701; October 4, 1982.
78—47 FR 43962; October 5, 1982.
79—47 FR 46093; October 15, 1982.
80—47 FR 612; January 5, 1983.
81—47 FR 1726; January 14, 1983.
82—48 FR 28464; January 22, 1983.
83—48 FR 40184; September 2, 1983.
84—48 FR 43043; September 21, 1983.
85—48 FR 46057; October 11, 1983.
86—48 FR 46336; October 12, 1983.
87—48 FR 46341; October 12, 1983.
88—48 FR 49249; October 25, 1983.
91—49 FR 7335; February 28, 1984.
92—49 FR 7394; February 29, 1984.
93—49 FR 7398; February 29, 1984.
94—49 FR 10526; March 20, 1984.
95—49 FR 14356; April 11, 1984.
96—49 FR 22334; May 29, 1984.
§ 17.12 Endangered and threatened plants.

(a) The list in this section contains the names of all species of plants which have been determined by the Services to be Endangered or Threatened. It also contains the names of species of plants treated as Endangered or Threatened because they are sufficiently similar in appearance to Endangered or Threatened species (see §17.50 et seq.).

(b) The columns entitled “Scientific name” and “Common name” define the species of plant within the meaning of the Act. Although common names are included, they cannot be relied upon for identification of any specimen, since they may vary greatly in local usage. The Services shall use the most recently accepted scientific name. In cases in which confusion might arise, a synonym(s) will be provided in parentheses. The Services shall rely to the extent practicable on the International Code of Botanical Nomenclature.

(c) In the “Status” column the following symbols are used: “E” for Endangered, “T” for Threatened, and “E [or T] (S/A)” for similarity of appearance species.

(d) The other data in the list are non-regulatory in nature and are provided for the information of the reader. In the annual revision and compilation of this title, the following information may be amended without public notice: the spelling of species’ names, historical range, footnotes, references to certain other applicable portions of this title, synonyms, and more current names. In any of these revised entries, neither the species, as defined in paragraph (b) of this section, nor its status may be changed without following the procedures of part 424 of this title.

(e) The “Historic range” indicates the known general distribution of the species or subspecies as reported in the current scientific literature. The present distribution may be greatly reduced from this historic range. This
§ 17.12

The column does not imply any limitation on the application of the prohibitions in the Act or implementing rules. Such prohibitions apply to all individuals of the plant species, wherever found.

(f)(1) A footnote to the Federal Register publication(s) listing or reclassifying a species is indicated under the column “When listed.” Footnote numbers to §§ 17.11 and 17.12 are in the same numerical sequence, since plants and animals may be listed in the same Federal Register document. That document, at least since 1973, includes a statement indicating the basis for the listing, as well as the effective date(s) of said listing.

(2) The “Special rules” and “Critical habitat” columns provide a cross reference to other sections in parts 17, 222, 226, or 227. The “Special rules” column will also be used to cite the special rules which describe experimental populations and determine if they are essential or nonessential. Separate listings will be made for experimental populations, and the status column will include the following symbols: “XE” for an essential experimental population and “XN” for a nonessential experimental population. The term “NA” (not applicable) appearing in either of these two columns indicates that there are no special rules and/or critical habitat for that particular species. However, all other appropriate rules in parts 17, 217 through 227, and 402 still apply to that species. In addition, there may be other rules in this title that relate to such plants, e.g., port-of-entry requirements. It is not intended that the references in the “Special rules” column list all the regulations of the two Services which might apply to the species or to the regulations of other Federal agencies or State or local governments.

(g) The listing of a particular taxon includes all lower taxonomic units (see §17.11(g) for examples).

(h) The “List of Endangered and Threatened Plants” is provided below:
<table>
<thead>
<tr>
<th>Scientific name</th>
<th>Common name</th>
<th>Historic range</th>
<th>Family</th>
<th>Status</th>
<th>When listed</th>
<th>Critical habitat</th>
<th>Special rules</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Abronia macrocarpa</em></td>
<td>Large-fruited sand-verbena.</td>
<td>U.S.A. (TX)</td>
<td>Nyctaginaceae</td>
<td>E</td>
<td>331</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Abutilon eremitopetalum</em></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Malvaceae</td>
<td>E</td>
<td>435</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Abutilon menziesii</em></td>
<td>Koʻolau</td>
<td>None</td>
<td>Malvaceae</td>
<td>E</td>
<td>243</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Abutilon sandwicense</em></td>
<td>Uliwai</td>
<td>None</td>
<td>Rosaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Acanthomintha obovata ssp. duttonii</em></td>
<td>San Mateo thornmint</td>
<td>U.S.A. (CA)</td>
<td>Lamiaceae</td>
<td>E</td>
<td>204</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Achyranthes mutica</em></td>
<td>Round-leaved chaff-flowers</td>
<td>None</td>
<td>Amaranthaceae</td>
<td>E</td>
<td>220</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Aconitum noveboracense</em></td>
<td>Northern wild monkshood</td>
<td>U.S.A. (IA, NY, OH, WI)</td>
<td>Ranunculaceae</td>
<td>T</td>
<td>39</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Aeschynomene virginica</em></td>
<td>Sensitive joint-vetch</td>
<td>U.S.A. (DE, MD, NC, NJ, PA, VA)</td>
<td>Fabaceae</td>
<td>T</td>
<td>470</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Agalinis acuta</em></td>
<td>Sandplain gerardia</td>
<td>U.S.A. (CT, MA, MD, NY, RI)</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>325</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Agave arizonica</em></td>
<td>Arizona agave</td>
<td>U.S.A. (AZ)</td>
<td>Agavaceae</td>
<td>E</td>
<td>147</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Alectryon macrococcus var. sonomensis</em></td>
<td>Mahoe</td>
<td>U.S.A. (HI)</td>
<td>Sapindaceae</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Alisindendron obovatum</em></td>
<td>Sonoma alopecurus</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Alisindendron trinerve</em></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Alisindendron lychnodes</em></td>
<td>Kuawawaenohu</td>
<td>None</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Alisindendron viscosum</em></td>
<td>None</td>
<td>None</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Ambrosia cheiranthifolia</td>
<td>South Texas ambrosia</td>
<td>U.S.A. (TX)</td>
<td>Asteraceae</td>
<td>E</td>
<td>547</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Amorpha crenulata</td>
<td>Crenulate lead-plant</td>
<td>U.S.A. (FL)</td>
<td>Fabaceae</td>
<td>E</td>
<td>192</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Amphianthus pusillus</td>
<td>Little amphianthus</td>
<td>U.S.A. (AL, GA, SC)</td>
<td>Scrophulariaceae</td>
<td>T</td>
<td>302</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Amsinckia grandiflora</td>
<td>Large-flowered fiddleneck</td>
<td>U.S.A. (CA)</td>
<td>Boraginaceae</td>
<td>E</td>
<td>179</td>
<td>17.96(a)</td>
<td>NA</td>
</tr>
<tr>
<td>Amsonia kearneyana (=Echinocactus =Mammillaria) tobuschii</td>
<td>Kearney's blue-star Tobusch fishhook cactus</td>
<td>U.S.A. (AZ)</td>
<td>Apocynaceae</td>
<td>E</td>
<td>343</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Apios priceana</td>
<td>Price's potato-bean</td>
<td>U.S.A. (AL, IL, KY, MS, TN)</td>
<td>Fabaceae</td>
<td>T</td>
<td>373</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arabis hoffmannii</td>
<td>Hoffmann's rock-cress</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arabis mcdonaldiana</td>
<td>McDonald's rock-cress</td>
<td>U.S.A. (KY, TN)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>352</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arabis perstellata</td>
<td>Braun's rock-cress</td>
<td>U.S.A. (VA, WV)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>570</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arabis serotina</td>
<td>Shale barren rock-cress</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>44</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctomecon humilis</td>
<td>Dwarf bear-poppy</td>
<td>U.S.A. (UT)</td>
<td>Papaveraceae</td>
<td>E</td>
<td>78</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctostaphylos confertiflora</td>
<td>Santa Rosa Island manzanita</td>
<td>U.S.A. (CA)</td>
<td>Ericaceae</td>
<td>E</td>
<td>623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctostaphylos glandulosa ssp. crassifolia</td>
<td>Del Mar manzanita</td>
<td>U.S.A. (CA), Mexico</td>
<td>Ericaceae</td>
<td>E</td>
<td>589</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctostaphylos hookeri (=pungens) var. ravenii</td>
<td>Presidio (=Raven's) manzanita</td>
<td>U.S.A. (CA)</td>
<td>Ericaceae</td>
<td>E</td>
<td>65</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctostaphylos morroensis</td>
<td>Morro manzanita</td>
<td>U.S.A. (CA)</td>
<td>Ericaceae</td>
<td>T</td>
<td>567</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arctostaphylos pallida</td>
<td>Pallid manzanita</td>
<td>U.S.A. (KY, TN)</td>
<td>Caryophyllaceae</td>
<td>T</td>
<td>635</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arenaria cumberlandensis</td>
<td>Cumberland sandwort</td>
<td>U.S.A. (CA, OR, WA)</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>311</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Arenaria paludicola</td>
<td>Marsh sandwort</td>
<td>U.S.A. (CA, OR, WA)</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>511</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Range</td>
<td>Family</td>
<td>Code</td>
<td>USFWS Code 1</td>
<td>USFWS Code 2</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------------</td>
<td>------------------------</td>
<td>----------------------</td>
<td>------</td>
<td>--------------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td><em>Arenaria ursina</em></td>
<td>Bear Valley sandwort</td>
<td>U.S.A. (CA)</td>
<td>do</td>
<td>T</td>
<td>644</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Argemone pleiacantha</em></td>
<td>Sacramento prickly-popp.</td>
<td>U.S.A. (NM)</td>
<td>Papaveraceae</td>
<td>E</td>
<td>360</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Argyroxyphium kauense</em></td>
<td>Mauna Loa (=Kau) silversword.</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>497</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Argyroxyphium sandwicense</em> ssp. <em>macrocephalum</em></td>
<td>‘Ahinahina (=Haleakala silversword).</td>
<td>do</td>
<td>do</td>
<td>T</td>
<td>467</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Argyroxyphium sandwicense</em> ssp. <em>sandwicense</em></td>
<td>‘Ahinahina (=Mauna Kea silversword).</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>219</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Aristida chaseae</em></td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Poaceae</td>
<td>E</td>
<td>501</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Aristida portoricensis</em></td>
<td>Pelos del diablo</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>398</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Asclepias meadii</em></td>
<td>Mead’s milkweed</td>
<td>U.S.A. (IA, IL, IN, KS, MO, WI)</td>
<td>Asclepiadaceae</td>
<td>T</td>
<td>321</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Asclepias welshii</em></td>
<td>Welsh’s milkweed</td>
<td>U.S.A. (AZ, UT)</td>
<td>E</td>
<td>T</td>
<td>295</td>
<td>17.96(a)</td>
<td></td>
</tr>
<tr>
<td><em>Asinima tetramer ✓</em></td>
<td>Four-petal pawpaw</td>
<td>U.S.A. (FL)</td>
<td>Annonaceae</td>
<td>E</td>
<td>244</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus albens ✓</em></td>
<td>Cushenbury milk-vetch.</td>
<td>U.S.A. (CA)</td>
<td>Fabaceae</td>
<td>E</td>
<td>548</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus bibullatus ✓</em></td>
<td>Pyne’s (=Guthrie’s) ground-plum.</td>
<td>U.S.A. (TN)</td>
<td>E</td>
<td>E</td>
<td>437</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus brauntonii ✓</em></td>
<td>Braunton’s milk-vetch.</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>E</td>
<td>606</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus clarianus ✓</em></td>
<td>Clara Hunt’s milk-vetch.</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>625</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus crenophylax var. crenophylax ✓</em></td>
<td>Sentry milk-vetch.</td>
<td>U.S.A. (AZ)</td>
<td>E</td>
<td>E</td>
<td>409</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus montii (=A. limnocharis var. m) ✓</em></td>
<td>Heliotrope milk-vetch.</td>
<td>U.S.A. (UT)</td>
<td>17.96 (a)</td>
<td>T</td>
<td>187</td>
<td>17.96(a)</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus phoenix ✓</em></td>
<td>Ash Meadows milk-vetch.</td>
<td>U.S.A. (NV)</td>
<td>17.96 (a)</td>
<td>T</td>
<td>181</td>
<td>17.96(a)</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus robbinsii var. jespui ✓</em></td>
<td>Jesup’s milk-vetch.</td>
<td>U.S.A. (NH, VT)</td>
<td>E</td>
<td>E</td>
<td>271</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td><em>Astragalus tener var. tile ✓</em></td>
<td>Coastal dunes milk-vetch.</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>E</td>
<td>640</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Astrophytum (=Echinocactus) asterias.</td>
<td>Star cactus</td>
<td>U.S.A. (TX), Mexico</td>
<td>Cactaceae</td>
<td>E</td>
<td>521</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Auerodendron pauciflorum.</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Rhamnaceae</td>
<td>E</td>
<td>531</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ayenia limitaris</td>
<td>Texas ayenia</td>
<td>U.S.A. (TX), Mexico</td>
<td>Sterculiaceae</td>
<td>E</td>
<td>547</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Baccharis vanessae (=Coyote bush).</td>
<td>Encinitis baccharis</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>T</td>
<td>589</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Banara vanderbiltii</td>
<td>Pal de Ramón</td>
<td>U.S.A. (PR)</td>
<td>Flacourtiaceae</td>
<td>E</td>
<td>255</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Baptisia arachnifera</td>
<td>Hairy rattlweed</td>
<td>U.S.A. (GA)</td>
<td>Fabaceae</td>
<td>E</td>
<td>39</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Berberis pinnata ssp. insularis.</td>
<td>Island barberry</td>
<td>U.S.A. (CA)</td>
<td>Berberidaceae</td>
<td>E</td>
<td>623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Berberis sonnei (=Mahonia s.).</td>
<td>Truckee barberry</td>
<td>...do...</td>
<td>...do...</td>
<td>E</td>
<td>76</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bidens microsera ssp. kaledaha.</td>
<td>Ko<code>oko</code>olau</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bidens wiebkei</td>
<td>...do...</td>
<td>...do...</td>
<td>...do...</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Blennosperma bakeri (=Baker's stickyseed).</td>
<td>Sonoma sunshine</td>
<td>U.S.A. (CA)</td>
<td>...do...</td>
<td>E</td>
<td>453</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Boltonia decurrens</td>
<td>Decurrent false aster</td>
<td>U.S.A. (IL, MO)</td>
<td>...do...</td>
<td>T</td>
<td>341</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bonamia grandiflora</td>
<td>Florida bonamia</td>
<td>U.S.A. (FL)</td>
<td>Convolvulaceae</td>
<td>T</td>
<td>297</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Bonamia menziesii</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>...do...</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Brighamia insignis</td>
<td>'Oluulu</td>
<td>...do...</td>
<td>Campanulaceae</td>
<td>E</td>
<td>530</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Brighamia rockii</td>
<td>Pua `ala</td>
<td>...do...</td>
<td>...do...</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Brodiaea pallida</td>
<td>Chinese Camp brodiaea.</td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td>T</td>
<td>643</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Buxus vahlii</td>
<td>Vahl's boxwood</td>
<td>U.S.A. (PR, VI)</td>
<td>Buxaceae</td>
<td>E</td>
<td>197</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Caesalpinia (=Mezoneuron) kavaense.</td>
<td>Uhihi</td>
<td>U.S.A. (HI)</td>
<td>Fabaceae</td>
<td>E</td>
<td>238</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Callicarpa amplexifoenda</td>
<td>Capá rosa (=péndula cimarrona).</td>
<td>U.S.A. (PR)</td>
<td>Verbenaceae</td>
<td>E</td>
<td>461</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Location(s)</td>
<td>Family</td>
<td>IUCN</td>
<td>Status</td>
<td>Notes</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>------------------------------------------------------</td>
<td>----------------------------------</td>
<td>-------------------</td>
<td>------</td>
<td>--------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>Texas poppy-mallow</td>
<td>Callirhoe scabriuscula</td>
<td>U.S.A. (TX)</td>
<td>Malvaceae</td>
<td>E</td>
<td>109, 112</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Tiburon mariposa lily</td>
<td>Calochortus tiburonensis</td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td>T</td>
<td>575</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>British VI</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None</td>
<td>Calyptranthes thomasiana</td>
<td>U.S.A. (PR, VI)</td>
<td>Myrtaceae</td>
<td>E</td>
<td>529</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mariposa pussypaws</td>
<td>Calyptridium pulchellum</td>
<td>U.S.A. (CA)</td>
<td>Rutaceae</td>
<td>T</td>
<td>643</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Palma de manaca or manac palm</td>
<td>Calyptridium pulchellum</td>
<td>U.S.A. (PR)</td>
<td>Areceae</td>
<td>T</td>
<td>375</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Stebbins' morning-glory</td>
<td>Calystegia stebbinsi</td>
<td>U.S.A. (CA)</td>
<td>Convolvulaceae</td>
<td>E</td>
<td>596</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>San Benito evening-primrose</td>
<td>Camissonia benitensis</td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>T</td>
<td>172</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Brooksville (=Robins') bellflower</td>
<td>Campanula robinsiae</td>
<td>U.S.A. (FL)</td>
<td>Campanulaceae</td>
<td>E</td>
<td>356</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Samoan</td>
<td>Canavalia molokaiensis</td>
<td>U.S.A. (HI)</td>
<td>Fabaceae</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Small-anthered bittercress</td>
<td>Cardamine micronandra</td>
<td>U.S.A. (NC)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>363</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>White sedge</td>
<td>Carex albida</td>
<td>U.S.A. (CA)</td>
<td>Cyperaceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Navajo sedge</td>
<td>Carex specuicola</td>
<td>U.S.A. (AZ, UT)</td>
<td>Scrophulariaceae</td>
<td>T</td>
<td>178</td>
<td>17.96(a)</td>
<td></td>
</tr>
<tr>
<td>Tiburon paintbrush</td>
<td>Castilleja campestris ssp. neglecta</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fleshy owl's-clover</td>
<td>Castilleja grisea</td>
<td>U.S.A. (OR, WA), Canada (B.C.)</td>
<td></td>
<td>E</td>
<td>26</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Ash-gray Indian paintbrush</td>
<td>Castilleja cinerea</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>do</td>
<td>Castilleja levisecta</td>
<td>U.S.A. (CA)</td>
<td></td>
<td>T</td>
<td>615</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>San Clemente Island</td>
<td>Castilleja mollis</td>
<td>U.S.A. (CA)</td>
<td></td>
<td>E</td>
<td>623</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Golden paintbrush</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>California jewelflower</td>
<td>Caulanthus californicus</td>
<td></td>
<td></td>
<td>E</td>
<td>395</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Coyote ceanothus (=Coyote Valley California-lilac)</td>
<td>Ceanothus ferrisae</td>
<td></td>
<td></td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Pine Hill ceanothus</td>
<td>Ceanothus roderickii</td>
<td></td>
<td></td>
<td>E</td>
<td>596</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>----------------------------------</td>
<td>----------------</td>
<td>----------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Cenchrus agrimonioides</td>
<td>Kamanomano (Sandbur, agrimony)</td>
<td>U.S.A. (HI)</td>
<td>Poaceae</td>
<td>E</td>
<td>592</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Centaurium namophilum</td>
<td>Spring-loving centaury</td>
<td>U.S.A. (CA, NV)</td>
<td>Gentianaceae</td>
<td>T</td>
<td>181</td>
<td>17.96(a)</td>
<td>NA</td>
</tr>
<tr>
<td>Centaurium sebaeoides</td>
<td>'Awiwi</td>
<td>U.S.A. (HI)</td>
<td>Poaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cercocarpus traskiae</td>
<td>Catalina Island mountain-mahogany</td>
<td>U.S.A. (CA)</td>
<td>Rosaceae</td>
<td>E</td>
<td>624</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cereus eriophorus var. fragrans</td>
<td>Fragrant prickly-apple</td>
<td>U.S.A. (FL)</td>
<td>Cactaceae</td>
<td>E</td>
<td>208</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaecrista glandulosa var. mirabilis</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Fabaceae</td>
<td>E</td>
<td>379</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce celastroides var. kaanana</td>
<td>'Akoko</td>
<td>U.S.A. (HI)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce (=Euphorbia) deltoidea ssp. deltoidea</td>
<td>'Akoko</td>
<td>U.S.A. (FL)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>192</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce (=Euphorbia) deppeana</td>
<td>'Akoko</td>
<td>U.S.A. (HI)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>536</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce (=Euphorbia) garberi</td>
<td>Garber's spurge</td>
<td>U.S.A. (FL)</td>
<td>Euphorbiaceae</td>
<td>T</td>
<td>192</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce halemanui</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>464</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce herbstii</td>
<td>'Akoko</td>
<td>U.S.A. (HL)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce hooveri</td>
<td>Hoover's spurge</td>
<td>U.S.A. (CA)</td>
<td>Euphorbiaceae</td>
<td>T</td>
<td>611</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce kukealana</td>
<td>'Akoko</td>
<td>U.S.A. (HI)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Chamaesyce rockii</td>
<td>None</td>
<td>U.S.A. (HL)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Common Name</td>
<td>State/Province</td>
<td>Family</td>
<td>Code</td>
<td>Endangered</td>
<td>Threatened</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>------</td>
<td>------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Chamaesyce skottsbergii var. kalaelaiana</td>
<td>Ewa Plains 'akoko</td>
<td>U.S.A. (FL)</td>
<td>Oleaceae</td>
<td>E</td>
<td>120</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chorizanthe pygmaea</td>
<td>Pygmy fringe-tree</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>256</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chorizanthe howellii</td>
<td>Howell's spineflower</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>472</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chorizanthe orcuttiana</td>
<td>Orcutt's spineflower</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>589</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chorizanthe robusta (incl. vars. robusta &amp; hartwegii)</td>
<td>Robust (incl. Scotts Valley) spineflower</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>528</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chorizanthe valida</td>
<td>Sonoma spineflower</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>472</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Chrysopsis floridana</td>
<td>Florida golden aster</td>
<td>U.S.A. (FL)</td>
<td>Asteraceae</td>
<td>E</td>
<td>232</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cirsium fontinale var. obispoense</td>
<td>Chorro Creek bog thistle</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>567</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cirsium fontinale var. fontinale</td>
<td>Fountain thistle</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cirsium hydrophilum var. hydrophilum</td>
<td>Suisun thistle</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>627</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cirsium pitcheri</td>
<td>Pitcher's thistle</td>
<td>U.S.A. (IL, IN, MI, WI), Canada (Ont.)</td>
<td>Asteraceae</td>
<td>T</td>
<td>315</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Cirsium vinaceum</td>
<td>Sacramento Mountains thistle</td>
<td>U.S.A. (NM)</td>
<td>Asteraceae</td>
<td>T</td>
<td>276</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clarkia franciscana</td>
<td>Presidio clarkia</td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clarkia imbricata</td>
<td>Vine Hill clarkia</td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clarkia speciosa ssp. immaculata</td>
<td>Pismo clarkia</td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>E</td>
<td>567</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clarkia springvillensis</td>
<td>Springville clarkia</td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>E</td>
<td>643</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clematis morefieldii</td>
<td>Morefield's leatherflower</td>
<td>U.S.A. (AL)</td>
<td>Ranunculaceae</td>
<td>E</td>
<td>468</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Clematis socialis</td>
<td>Alabama leatherflower</td>
<td>U.S.A. (AL)</td>
<td>Ranunculaceae</td>
<td>E</td>
<td>245</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Clermontia drepanomorpha</td>
<td>Oha wai</td>
<td>U.S.A. (HI)</td>
<td>Campanulaceae</td>
<td>E</td>
<td>595</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clermontia lindseyana</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clermontia oblongifolia ssp. brevipes</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clermontia oblongifolia ssp. maulensis</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clermontia peleana</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Clermontia pyrularia</td>
<td>do</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Citonia fragrans</td>
<td>Pigeon wings</td>
<td>U.S.A. (FL)</td>
<td>Fabaceae</td>
<td>T</td>
<td>500</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Colubrina oppositifolia</td>
<td>Kaalia</td>
<td>U.S.A. (HI)</td>
<td>Rhamnaceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Conradina brevifolia</td>
<td>Short-leaved rosemary</td>
<td>U.S.A. (FL)</td>
<td>Lamiales</td>
<td>E</td>
<td>507</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Conradina etonia</td>
<td>Etonia rosemary</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>507</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Conradina glabra</td>
<td>Apalachicola rosemary</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>507</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Conradina verticillata</td>
<td>Cumberland rosemary</td>
<td>U.S.A. (KY, TN)</td>
<td>Scrophulariaceae</td>
<td>T</td>
<td>452</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cordia bellonis</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Boraginaceae</td>
<td>E</td>
<td>601</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cordylanthus maritimus ssp. maritimus</td>
<td>Salt marsh bird's-beak</td>
<td>U.S.A. (CA), Mexico (Baja California)</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>44</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cordylanthus palmaus</td>
<td>Palmate-bracted bird's-beak</td>
<td>U.S.A. (CA)</td>
<td>...do...</td>
<td>E</td>
<td>235</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cordylanthus tenuis ssp. capillaris</td>
<td>Pennell's bird's-beak</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cordylanthus mollis ssp. mollis</td>
<td>Soft bird's-beak</td>
<td>do</td>
<td>do</td>
<td>E</td>
<td>627</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cornula obovata</td>
<td>Palo de nigua (=capá jugüerilla)</td>
<td>U.S.A. (PR)</td>
<td>Verbenaceae</td>
<td>E</td>
<td>307</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Coryphantha (=Escobaria =Mammillaria) mini-ma (=C. nellieae)</td>
<td>Nellie cory cactus</td>
<td>U.S.A. (TX)</td>
<td>Cactaceae</td>
<td>E</td>
<td>81</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Coryphantha rhamillosa</td>
<td>Bunched cory cactus</td>
<td>U.S.A. (TX), Mexico (Coahuila)</td>
<td>do</td>
<td>T</td>
<td>77</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Common Name</td>
<td>Range</td>
<td>IUCN Status</td>
<td>Population</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------------------------</td>
<td>---------------------------</td>
<td>-------------</td>
<td>------------</td>
<td>-----------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coryphantha robbinsorum</td>
<td>Cochise pincushion cactus</td>
<td>U.S.A. (AZ), Mexico (Sonora)</td>
<td>T 214</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coryphantha scheeri var. robustispina</td>
<td>Pima pineapple cactus</td>
<td>......do ....................</td>
<td>E 515</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coryphantha scheeri var. leei</td>
<td>Lee pincushion cactus</td>
<td>U.S.A. (NM) ................</td>
<td>T 61</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coryphantha scheeri var. snedii</td>
<td>Sneed pincushion cactus</td>
<td>U.S.A. (NM, TX) ...........</td>
<td>E 82</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cryptantha crassipes</td>
<td>Pima pineapple cactus</td>
<td>U.S.A. (AZ), Mexico (Sonora)</td>
<td>T 214</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea acuminata</td>
<td>Haha</td>
<td>U.S.A. (HI) ................</td>
<td>E 591</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea asarifolia</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 530</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea copelandii</td>
<td>......do .....................</td>
<td>U.S.A. (TX) .................</td>
<td>E 439</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea crispa</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 500</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea dunbarii</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 467</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea grimesiana</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea hamatiflora</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 541</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea (=Rollandia) humboldtiana</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 591</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea koolauensis</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 591</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyanea lobata</td>
<td>......do .....................</td>
<td>U.S.A. (FL) .................</td>
<td>E 467</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Cyanea longiflora</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea macrostegia ssp. gibsonii.</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>435</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea mannii</td>
<td>Haha</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea mceldowneyi</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea pinnatifida</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>448</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea platyphylla</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>595</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea procera</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea recta</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>T</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea remyi</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea shipmanii</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea (=Rollandia) st-johnii.</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea stictophylla</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea superba</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea truncata</td>
<td>Haha</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyanea undulata</td>
<td>None</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>436</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cycladenia humilis var. jonesii.</td>
<td>Jones cycladenia</td>
<td>U.S.A. (AZ, UT)</td>
<td>Apocynaceae</td>
<td>T</td>
<td>229</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyperus trachysanthos</td>
<td>Pu<code>uka</code>a</td>
<td>U.S.A. (HI)</td>
<td>Cyperaceae</td>
<td>E</td>
<td>592</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra crenata</td>
<td>Ha`iwale</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>536</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra cyanadelis</td>
<td>Mapele</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra dentata</td>
<td>Ha`iwale</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra giffardii</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>T</td>
<td>530</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra munroii</td>
<td>...do</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra polyantha</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>536</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra subumbellata</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Cyrtandra tintinnabula</td>
<td>None</td>
<td>...do</td>
<td>Gesneriaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Dalea foliosa (=Fetalosternum f.).</td>
<td>Leafy prairie-clover</td>
<td>U.S.A. (AL, IL, TN)</td>
<td>Fabaceae</td>
<td>E</td>
<td>422</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Daphnopsis hellerana</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Thymelaeaceae</td>
<td>E</td>
<td>309</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Location</td>
<td>Family</td>
<td>Status</td>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------</td>
<td>--------</td>
<td>--------</td>
<td>-------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deeringothamnus pulchellus</td>
<td>Beautiful pawpaw</td>
<td>U.S.A. (FL)</td>
<td>Annonaceae</td>
<td>E 244</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deeringothamnus rugelii</td>
<td>Rugel’s pawpaw</td>
<td>U.S.A. (HI)</td>
<td>Annonaceae</td>
<td>E 244</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delissea rhytidosperma</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>Campanulaceae</td>
<td>E 530</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delissea rivularis</td>
<td>‘Oha</td>
<td>U.S.A. (HI)</td>
<td>Campanulaceae</td>
<td>E 590</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delissea subcordata</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>Campanulaceae</td>
<td>E 591</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delissea undulata</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>Campanulaceae</td>
<td>E 593</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delphinium variegatum</td>
<td>San Clemente Island larkspur</td>
<td>U.S.A. (CA)</td>
<td>Ranunculaceae</td>
<td>E 26</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicera cristianii</td>
<td>Garrett’s mint</td>
<td>U.S.A. (FL)</td>
<td>Lamiaceae</td>
<td>E 207</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicerandra cornutissima</td>
<td>Longspurred mint</td>
<td>U.S.A. (FL)</td>
<td>Lamiaceae</td>
<td>E 207</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicerandra frutescens</td>
<td>Scrub mint</td>
<td>U.S.A. (FL)</td>
<td>Lamiaceae</td>
<td>E 207</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicerandra immaculata</td>
<td>Lakela’s mint</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E 291</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dodecahema (=Centrostegia) leipoceras</td>
<td>Slender-horned spineflower</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E 291</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dubautia herbstobatae</td>
<td>Na‘ena’e</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 448</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dubautia latifolia</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 484</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dubautia pauciflorula</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 436</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya abramsii ssp. marcescens</td>
<td>Coneo dudleya</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>T 606</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya cymosa ssp. ovatifolia</td>
<td>Santa Monica Mountains dudleya</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>T 606</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya cymosa ssp. ovatifolia</td>
<td>Santa Cruz Island dudleya</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>T 623</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya setchellii</td>
<td>Santa Clara Valley dudleya</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>E 575</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya traskiae</td>
<td>Santa Barbara Island liveforever</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>E 39</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dudleya verityi</td>
<td>Verity’s dudleya</td>
<td>U.S.A. (CA)</td>
<td>Crassulaceae</td>
<td>T 606</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td><em>Echinacea laevigata</em></td>
<td>Smooth coneflower</td>
<td>U.S.A. (GA, MD, NC, PA, SC, VA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>481</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinacea tennesseensis</em></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Echinocactus horizonthalonius</em> var. nicholii</td>
<td>Nichol's Turk's head cactus</td>
<td>U.S.A. (AZ)</td>
<td>Cactaceae</td>
<td>E</td>
<td>71</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus chisoensis</em> (=<em>reichenbachii</em>) var. chisoensis</td>
<td>Chisos Mountain hedgehog cactus</td>
<td>U.S.A. (TX)</td>
<td>Cactaceae</td>
<td>E</td>
<td>67</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus fendleri</em> (=<em>hempelii</em> of authors, not Först) var. kuenzleri</td>
<td>Kuenzler hedgehog cactus</td>
<td>U.S.A. (NM)</td>
<td>Cactaceae</td>
<td>E</td>
<td>70</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus floydii</em> (=<em>roetteri</em> var. f.)</td>
<td>Lloyd's hedgehog cactus</td>
<td>U.S.A. (NM, TX), Mexico</td>
<td>Cactaceae</td>
<td>E</td>
<td>68</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus reichenbachii</em> var. albertii (=<em>melanocephalus</em>)</td>
<td>Black lace cactus</td>
<td>U.S.A. (TX)</td>
<td>Cactaceae</td>
<td>E</td>
<td>67</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus triglochidiatus</em> var. arizonicus (=<em>E. arizonicus</em>)</td>
<td>Arizona hedgehog cactus</td>
<td>U.S.A. (AZ)</td>
<td>Cactaceae</td>
<td>E</td>
<td>62</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinocereus viridiflorus</em> var. davisi (=<em>E. davisi</em>)</td>
<td>Davis' green pitaya</td>
<td>U.S.A. (TX)</td>
<td>Cactaceae</td>
<td>E</td>
<td>81</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Echinomastus mariposensis</em> (=<em>Echinocactus</em>, =<em>Sclerocactus</em>, =<em>Neolloydia</em>)</td>
<td>Lloyd's Mariposa cactus</td>
<td>U.S.A. (TX), Mexico (Coahuila)</td>
<td>Cactaceae</td>
<td>E</td>
<td>81</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Enceliaopsis nudicaulis var. corrugata.</td>
<td>Ash Meadows sunray</td>
<td>U.S.A. (NV) ..........</td>
<td>Asteraceae ..........</td>
<td>T</td>
<td>181</td>
<td>17.96(a)</td>
<td>NA</td>
</tr>
<tr>
<td>Ergagrostis fosbergii ...</td>
<td>Fosberg's love grass</td>
<td>U.S.A. (HI) ..........</td>
<td>Poaceae ..........</td>
<td>E</td>
<td>591</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Erigeron rhizomatus ...</td>
<td>Zuni (=Rhizome) fleabane.</td>
<td>..........do ..........</td>
<td>..........do ..........</td>
<td>T</td>
<td>177</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Erysimum menziesii ...</td>
<td>Menzies' wallflower ......do ..........</td>
<td>..........do ..........</td>
<td>..........do ..........</td>
<td>E</td>
<td>472</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td><em>Erysimum teretifolium</em></td>
<td>Ben Lomond wall-flower.</td>
<td>U.S.A. (MN)</td>
<td>Liliaceae</td>
<td>E</td>
<td>528</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Erythronium propullans</em></td>
<td>Minnesota dwarf trout lily.</td>
<td>U.S.A. (MN)</td>
<td>Liliaceae</td>
<td>E</td>
<td>221</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Eugenia haematocarpa</em></td>
<td>Uvillo</td>
<td>U.S.A. (PR)</td>
<td>Myrtaceae</td>
<td>E</td>
<td>564</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Eugenia koolauensis</em></td>
<td>Nio</td>
<td>U.S.A. (HI)</td>
<td>Myrtaceae</td>
<td>E</td>
<td>536</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Eugenia woodburyana</em></td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Myrtaceae</td>
<td>E</td>
<td>551</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Euphorbia haeleleleana</em></td>
<td>Akoko</td>
<td>U.S.A. (HI)</td>
<td>Euphorbiaceae</td>
<td>E</td>
<td>592</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Euphorbia telephioiides</em></td>
<td>Telephus spurge</td>
<td>U.S.A. (FL)</td>
<td>Euphorbiaceae</td>
<td>T</td>
<td>463</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Eutrema penlandii</em></td>
<td>Penland alpine fen mustard.</td>
<td>U.S.A. (CO)</td>
<td>Brassicaceae</td>
<td>T</td>
<td>509</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Exocarpos luteolus</em></td>
<td>Haau</td>
<td>U.S.A. (HI)</td>
<td>Santalaceae</td>
<td>E</td>
<td>530</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Flueggea neowawraea</em></td>
<td>Mehamahame</td>
<td>Johnston's frankenia</td>
<td>U.S.A. (TX), Mexico (Nuevo Leon).</td>
<td>E</td>
<td>155</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Frankenia johnstonii</em></td>
<td>None</td>
<td>U.S.A. (MN)</td>
<td>Frankeniaceae</td>
<td>E</td>
<td>467</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Gahnia lanaiensis</em></td>
<td>Na'u or Hawaiian gardenia.</td>
<td>U.S.A. (HI)</td>
<td>Cyperaceae</td>
<td>E</td>
<td>198</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Galactia smallii</em></td>
<td>Small's milkpea</td>
<td>U.S.A. (FL)</td>
<td>Fabaceae</td>
<td>E</td>
<td>192</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Galium buxifolium</em></td>
<td>Island bedstraw</td>
<td>U.S.A. (CA)</td>
<td>Rubiaceae</td>
<td>E</td>
<td>623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Galium californicum</em> ssp. sierrae.</td>
<td>El Dorado bedstraw</td>
<td>U.S.A. (TX), Mexico (Nuevo Leon).</td>
<td>Rubiaceae</td>
<td>E</td>
<td>596</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Gardenia brighamii</em></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Caricaceae</td>
<td>E</td>
<td>435</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Gardenia mannii</em></td>
<td>Nanu</td>
<td>U.S.A. (AR, LA, MO)</td>
<td>Caryophyllaceae</td>
<td>T</td>
<td>275</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Gerronotus minimum</em></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Geraniaceae</td>
<td>E</td>
<td>465</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Geum radiatum</em></td>
<td>Spreading avens</td>
<td>U.S.A. (NC, TN)</td>
<td>Rosaceae</td>
<td>E</td>
<td>381</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Gilia tenella</em> ssp. arenaria.</td>
<td>Monterey gilia</td>
<td>U.S.A. (CA)</td>
<td>Polemoniaceae</td>
<td>E</td>
<td>472</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Family</td>
<td>U.S. Distribution</td>
<td>Solanaceae</td>
<td>Canada Distribution</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>------------------</td>
<td>------------</td>
<td>-------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gilia tenuiflora ssp. hoffmannii</td>
<td><em>Gilia tenuiflora</em> ssp. <em>hoffmannii</em></td>
<td></td>
<td></td>
<td>U.S.A. (PR)</td>
<td>Solanaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goetzea elegans</td>
<td><em>Goetzea elegans</em></td>
<td></td>
<td></td>
<td>U.S.A. (PR)</td>
<td>Solanaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gouania hillebrandii</td>
<td><em>Gouania hillebrandii</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Rhamnaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gouania meyenii</td>
<td><em>Gouania meyenii</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA, NV)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gouania vitifolia</td>
<td><em>Gouania vitifolia</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA, NV)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grindelia fraxino-pratensis</td>
<td><em>Grindelia fraxino-pratensis</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA, NV)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Haplostachys haplostachya</td>
<td><em>Haplostachys haplostachya</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harperocallis flava</td>
<td><em>Harperocallis flava</em></td>
<td></td>
<td></td>
<td>U.S.A. (FL)</td>
<td>Liliaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harrisia (=Cereus) portoricensis</td>
<td><em>Harrisia (=Cereus) portoricensis</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Cactaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedera canariensis</td>
<td><em>Hedera canariensis</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis cookiana</td>
<td><em>Hedyotis cookiana</em></td>
<td></td>
<td></td>
<td>U.S.A. (NM)</td>
<td>Rubiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis coriacea</td>
<td><em>Hedyotis coriacea</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Rubiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis degeneri</td>
<td><em>Hedyotis degeneri</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis manicata</td>
<td><em>Hedyotis manicata</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis parvula</td>
<td><em>Hedyotis parvula</em></td>
<td></td>
<td></td>
<td>U.S.A. (NC, TN)</td>
<td>Liliaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis purpurea var. montana</td>
<td><em>Hedyotis purpurea</em> var. <em>montana</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hedyotis st-johnii</td>
<td><em>Hedyotis st-johnii</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helianthemum greenei</td>
<td><em>Helianthemum greenei</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Cistaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helianthus eggertii</td>
<td><em>Helianthus eggertii</em></td>
<td></td>
<td></td>
<td>U.S.A. (AL, KY, TN)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helianthus schweinitzii</td>
<td><em>Helianthus schweinitzii</em></td>
<td></td>
<td></td>
<td>U.S.A. (NC, SC)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helonias bulata</td>
<td><em>Helonias bulata</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Cistaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hesperolinon congestum</td>
<td><em>Hesperolinon congestum</em></td>
<td></td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Linaceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hesperomannia arboreascens</td>
<td><em>Hesperomannia arboreascens</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hesperomannia arbuscula</td>
<td><em>Hesperomannia arbuscula</em></td>
<td></td>
<td></td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>---------------------------------</td>
<td>----------------</td>
<td>-------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Hesperomannia lydgatei</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>436</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hexastylis naniflora</td>
<td>Dwarf-flowered heartleaf</td>
<td>U.S.A. (NC, SC)</td>
<td>Aristolochiaceae</td>
<td>T</td>
<td>347</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscadelphus distans</td>
<td>Kauai hau kuahiwi</td>
<td>U.S.A. (HI)</td>
<td>Malvaceae</td>
<td>E</td>
<td>225</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscadelphus giffardianus</td>
<td>Hau kuahiwi</td>
<td></td>
<td></td>
<td>E</td>
<td>595</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscadelphus hualalaensis</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>595</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscadelphus woodii</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscus arnottianus ssp. immaculatus</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscus arnottianus</td>
<td>Ma'o hau hele</td>
<td></td>
<td></td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscus clayi</td>
<td>Clay's hibiscus</td>
<td></td>
<td></td>
<td>E</td>
<td>530</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hibiscus waimeae ssp. hannerae</td>
<td></td>
<td></td>
<td></td>
<td>E</td>
<td>590</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hoffmannseggia tenella</td>
<td>Slender rush-pea</td>
<td>U.S.A. (TX)</td>
<td>Fabaceae</td>
<td>E</td>
<td>209</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Howella aquatilis</td>
<td>Water howellia</td>
<td>U.S.A. (CA, ID, MT, OR, WA)</td>
<td>Campanulaceae</td>
<td>T 542</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hudsonia montana</td>
<td>Mountain golden heather</td>
<td>U.S.A. (NC)</td>
<td>Cistaceae</td>
<td>T</td>
<td>107</td>
<td>17.96(a)</td>
<td>NA</td>
</tr>
<tr>
<td>Hymenoxys herbacea (=acaulis var. glabra)</td>
<td>Lakeside daisy</td>
<td>U.S.A. (IL, MI, OH), Canada (Ont.)</td>
<td>Asteraceae</td>
<td>T 310</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hymenoxys texana</td>
<td>Texas prairie dawflower (=Texas bitterweed)</td>
<td>U.S.A. (TX)</td>
<td></td>
<td>E 218</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Hypericum cumulicola</td>
<td>Highlands scrub hypericum</td>
<td>U.S.A. (FL)</td>
<td>Hypericaceae</td>
<td>E</td>
<td>256</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ilex cookii</td>
<td>Cook's holly</td>
<td>U.S.A. (PR)</td>
<td>Aquifoliaceae</td>
<td>E</td>
<td>277</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Ilex sintenisii</td>
<td>None</td>
<td></td>
<td></td>
<td>E</td>
<td>461</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Iliamna corei</td>
<td>Peter's Mountain mallow</td>
<td></td>
<td></td>
<td>E</td>
<td>230</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>Common Name</td>
<td>Geographic Range</td>
<td>Family</td>
<td>Protection Status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>------------------</td>
<td>--------</td>
<td>------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ipomopsis sanctispiritus</td>
<td>Holy Ghost Ipomopsis</td>
<td>U.S.A. (NM)</td>
<td>Polemoniaceae</td>
<td>E 535</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iris lacustris</td>
<td>Dwarf lake iris</td>
<td>U.S.A. (MI, WI), Canada (Ont.)</td>
<td>Iridaceae</td>
<td>T 330</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ischaemum byrone</td>
<td>Hilo ischaemum</td>
<td>U.S.A. (HI)</td>
<td>Poaceae</td>
<td>E 532</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isodendrion hosakae</td>
<td>Aupaka</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 414</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isodendrion laurifolium</td>
<td>Wahine noho kula</td>
<td>U.S.A. (GT, DO, DE, GA, IL, MA, MD, ME, MI, MO, NC, NH, NJ, NY, PA, RI, SC, TN, VA, VT), Canada (Ont.)</td>
<td>Orchidaceae</td>
<td>T 122</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isodendrion longifolium</td>
<td>Small whorled pogonia</td>
<td>U.S.A. (HI)</td>
<td>Poaceae</td>
<td>E 532</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isotria medeoloides</td>
<td>Small whorled pogonia</td>
<td>U.S.A. (CT, DC, DE, GA, IL, MA, MD, ME, MI, MO, NC, NH, NJ, NY, PA, RI, SC, TN, VA, VT), Canada (Ont.)</td>
<td>Orchidaceae</td>
<td>T 122</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ivesia kingii var. eremica</td>
<td>Ash Meadows Ivesia</td>
<td>U.S.A. (NV)</td>
<td>Rosaceae</td>
<td>T 181</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacquemontia reclinata</td>
<td>Beach Jacquemontia</td>
<td>U.S.A. (FL)</td>
<td>Convolvulaceae</td>
<td>E 532</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jatropha costaricensis</td>
<td>Costa Rican jatropha</td>
<td>Costa Rica</td>
<td>Euphorbiaceae</td>
<td>E 154</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Juglans jamaicensis</td>
<td>Nogal or West Indian walnut</td>
<td>U.S.A. (PR), Cuba, Hispaniola</td>
<td>Juglandaceae</td>
<td>E 603</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Justicia cooleyi</td>
<td>Cooley’s water-willow</td>
<td>U.S.A. (HI)</td>
<td>Onagraceae</td>
<td>E 356</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kokia cookei</td>
<td>Cooke’s koki’o</td>
<td>U.S.A. (HI)</td>
<td>Malvaceae</td>
<td>E 74</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kokia drynarioideae</td>
<td>Koki’o (=hau-hele`ula or Hawaii tree cotton)</td>
<td>U.S.A. (HI)</td>
<td>Malvaceae</td>
<td>E 167</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kokia kauaiensis</td>
<td>Koki’o</td>
<td>U.S.A. (HI)</td>
<td>Malvaceae</td>
<td>E 167</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labordia cyrtandrae</td>
<td>Kamakahala</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 453</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labordia longifolia</td>
<td>Contra Costa goldfields</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 619</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lasthenia burkei</td>
<td>Burke’s goldfields</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 453</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lasthenia conjugens</td>
<td>Contra Costa goldfields</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 619</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Layia carnosa</td>
<td>Beach Layia</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 453</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lembertia condonii</td>
<td>San Joaquin woolly-threads</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E 453</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lepanthes eltoroensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Orchidaceae</td>
<td>E 451</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lepidium arbuscula</td>
<td>Anaunau</td>
<td>U.S.A. (HI)</td>
<td>Brassicaceae</td>
<td>E 591</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------------</td>
<td>--------------------</td>
<td>---------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Lepidium barnebyanum</td>
<td>Barneby ridge-cress (=pepper-cress)</td>
<td>U.S.A. (UT)</td>
<td>Fabaceae</td>
<td>E</td>
<td>402</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Leptocereus grantianus</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Cactaceae</td>
<td>E</td>
<td>491</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lespedeza leptostachya</td>
<td>Prairie bush-clover</td>
<td>U.S.A. (IA, IL, MN, WI)</td>
<td>Fabaceae</td>
<td>T</td>
<td>254</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella congesta</td>
<td>Dudley Bluffs bladderpod</td>
<td>U.S.A. (CO)</td>
<td>Brassicaceae</td>
<td>T</td>
<td>374</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella filiformis</td>
<td>Missouri bladderpod</td>
<td>U.S.A. (AR, MO)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>253</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella kingii ssp. bernardina</td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Fabaceae</td>
<td>E</td>
<td>548</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella lyrata</td>
<td>Lyrate bladderpod</td>
<td>U.S.A. (AL)</td>
<td>Fabaceae</td>
<td>T</td>
<td>403</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella palida</td>
<td>White bladderpod</td>
<td>U.S.A. (TX)</td>
<td>Fabaceae</td>
<td>E</td>
<td>260</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella perforata</td>
<td>Spring Creek bladderpod</td>
<td>U.S.A. (TN)</td>
<td>Fabaceae</td>
<td>E</td>
<td>599</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lesquerella tumulosa</td>
<td>Kodachrome bladderpod</td>
<td>U.S.A. (UT)</td>
<td>Fabaceae</td>
<td>E</td>
<td>519</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lessingia germanorum (= L. g. var. germanorum)</td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>620</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Liatris helleri</td>
<td>Heller's blazingstar</td>
<td>U.S.A. (NC)</td>
<td>Asteraceae</td>
<td>T</td>
<td>300</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Liatris ohlingerae</td>
<td>Scrub blazingstar</td>
<td>U.S.A. (FL)</td>
<td>Asteraceae</td>
<td>E</td>
<td>356</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lilaeopsis schafferiana ssp. recurva</td>
<td></td>
<td>U.S.A. (AZ), Mexico</td>
<td>Apiaceae</td>
<td>E</td>
<td>600</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lilium occidentale</td>
<td>Western lily</td>
<td>U.S.A. (OR, CA)</td>
<td>Liliaceae</td>
<td>E</td>
<td>544</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lilium pardalimum ssp. pitkinense</td>
<td></td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Limnanthes floccosa ssp. californica</td>
<td></td>
<td>Butte County meadowfoam.</td>
<td>Limnanthaceae</td>
<td>E</td>
<td>471</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Limnanthes vinculans</td>
<td>Sebastopol meadowfoam.</td>
<td>Butte County meadowfoam.</td>
<td>Limnanthaceae</td>
<td>E</td>
<td>453</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Status</td>
<td>EDA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------------</td>
<td>------------------------------------</td>
<td>--------</td>
<td>------</td>
<td>-----</td>
<td>-----</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lindera melissifolia</em></td>
<td>Pondberry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta fauriei</em></td>
<td>Nehe</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta kamolensis</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta lobata var. lepophylla</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta micrantha</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta tenufolia</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta venosa</em></td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lipochaeta waimeaensis</em></td>
<td>Nehe</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lithophragma maximum</em></td>
<td>San Clemente Island woodland-star.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lobelia gaudichaudi</em></td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lobelia monostachya</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lobelia niuauensis</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lobelia oahuensis</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lomatium bradshawii</em></td>
<td>Bradshaw’s desert-parsley (=lomatium).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lotus dendroideus</em> (=scoparius)</td>
<td>San Clemente Island broom.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lupinus aridorum</em></td>
<td>Scrub lupine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lupinus tidesromii</em></td>
<td>Clover lupine</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lyonia truncata var. proctorii</em></td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lysimachia asperulaefolia</em></td>
<td>Rough-leaved loosestrife.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lysimachia filfolia</em></td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lysimachia lydgatei</em></td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lysimachia maxima</em> (=temfolia)</td>
<td>do</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Macbridea alba</em></td>
<td>White birds-in-a-nest</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Malacothamnus clementinus.</em></td>
<td>San Clemente Island bush-mallow.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
<td>Special rules</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Malacothamnus fasciculatus var. nesioticus</td>
<td>Santa Cruz Island bushmallow.</td>
<td></td>
<td></td>
<td></td>
<td>E 623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Malacothrix indecora</td>
<td>Santa Cruz Island malacothrix.</td>
<td></td>
<td></td>
<td></td>
<td>E 623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Malacothrix squalida</td>
<td>Island malacothrix</td>
<td></td>
<td></td>
<td></td>
<td>E 623</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Manihot walkerae</td>
<td>Walker's manioc</td>
<td>U.S.A. (TX), Mexico</td>
<td>Euphorbiaceae</td>
<td>E 445</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mariscus fauriei</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Cyperaceae</td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mariscus pennatiflorus</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Marshallia mohrii</td>
<td>Mohr's Barbara's buttons.</td>
<td>U.S.A. (AL, GA)</td>
<td>Asteraceae</td>
<td>T 324</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Melicope ascendens</td>
<td>Alani</td>
<td>U.S.A. (HI)</td>
<td>Rutaceae</td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Melicope ballouii</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope haupuensis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope knudsenii</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope (=Pelea) lydgatei.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope (=Pelea) mucronulata.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope ovalis</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope pallida</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope quadrangularis.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope reflexa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope saint-johnii</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Melicope zahlbruckneri</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E 565</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Mentzelia leucophylla</td>
<td>Ash Meadows blazing-star.</td>
<td>U.S.A. (NV)</td>
<td>Loasaceae</td>
<td>T 181</td>
<td>17.96(a)</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mirabilis macfarlanei</td>
<td>MacFarlane's four-o'clock.</td>
<td>U.S.A. (ID, OR)</td>
<td>Nyctaginaceae</td>
<td>T 66, 581</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mitracarpus maxwelliae.</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Rubiaceae</td>
<td>E 551</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Mitracarpus polycladus</td>
<td></td>
<td>U.S.A. (PR), Saba</td>
<td></td>
<td>E 551</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>State(s)</td>
<td>Family</td>
<td>Status</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>-----------------------------------------</td>
<td>----------------</td>
<td>------------------------</td>
<td>--------</td>
<td>----</td>
<td>----</td>
<td></td>
</tr>
<tr>
<td><strong>Munroidendron</strong></td>
<td><em>Munroidendron racemosum</em></td>
<td>U.S.A. (HI)</td>
<td>Araliaceae</td>
<td>E 530</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Myrcia paganii</td>
<td><em>Myrcia paganii</em></td>
<td>U.S.A. (PR)</td>
<td>Myrtaceae</td>
<td>E 529</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Myrsine juddii</td>
<td><em>Myrsine juddii</em></td>
<td>U.S.A. (HI)</td>
<td>Myrsinaceae</td>
<td>E 591</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Navaretia</td>
<td><em>Navaretia pauciflora</em></td>
<td>U.S.A. (HI)</td>
<td>Polemoniaceae</td>
<td>E 619</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Neostaphia colusana</td>
<td><em>Neostaphia colusana</em></td>
<td>None</td>
<td>Poaceae</td>
<td>T 611</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Neraudia angulata</td>
<td><em>Neraudia angulata</em></td>
<td>U.S.A. (HI)</td>
<td>Amaryanthaceae</td>
<td>E 448</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Nitrophila mohavensis</td>
<td><em>Nitrophila mohavensis</em></td>
<td>U.S.A. (CA, NV)</td>
<td>Chenopodiaceae</td>
<td>E 181</td>
<td>17.96(a)</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Nolina brittoniara</td>
<td><em>Nolina brittoniara</em></td>
<td>U.S.A. (HI)</td>
<td>Solanaceae</td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Nothocestrum breviflorum</td>
<td><em>Nothocestrum breviflorum</em></td>
<td>None</td>
<td>Apocynaceae</td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Notocostemum peltatum</td>
<td><em>Notocostemum peltatum</em></td>
<td>None</td>
<td>Chenopodiaceae</td>
<td>E 532</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Oenothera avita ssp. eurekensis</td>
<td><em>Oenothera avita</em></td>
<td>U.S.A. (CA)</td>
<td>Onagraceae</td>
<td>E 39</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Oenothera deltoides ssp. howelli</td>
<td><em>Oenothera deltoides ssp. howelli</em></td>
<td>Antioch Dunes</td>
<td>evening-primrose</td>
<td>E 39</td>
<td>17.96(a)</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Oxypolis canbyi</td>
<td><em>Oxypolis canbyi</em></td>
<td>U.S.A. (DE, NC)</td>
<td>Apiaceae</td>
<td>E 217</td>
<td>NA</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

Section 17.12
<table>
<thead>
<tr>
<th>Scientific name</th>
<th>Historic range</th>
<th>Family</th>
<th>Status</th>
<th>When listed</th>
<th>Critical habitat</th>
<th>Special rules</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Oxytheca parishii</em> var. <em>goodmaniana</em></td>
<td>Cushenbury oxytheca</td>
<td>Polygonaceae</td>
<td>E</td>
<td>548</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Oxytropis campestris</em> var. <em>chartacea</em></td>
<td>Fassett's locoweed</td>
<td>Fabaceae</td>
<td>T</td>
<td>329</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Panicum fauriei</em> var. <em>carteri</em></td>
<td>Carter's panicgrass</td>
<td>Poaceae</td>
<td>E</td>
<td>133</td>
<td>17.96(a)</td>
<td>NA</td>
</tr>
<tr>
<td><em>Panicum nilauense</em></td>
<td>Lau 'ehu</td>
<td>Poaceae</td>
<td>E</td>
<td>592</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Paronychia chartacea</em> (=<em>Nyachia pulvinata</em>)</td>
<td>Papery whitlow-wort</td>
<td>Caryophyllaceae</td>
<td>T</td>
<td>256</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pedicularis furbishiae</em></td>
<td>Lake County stonecrop</td>
<td>Crassulaceae</td>
<td>E</td>
<td>619</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus (=<em>Toumeya</em>) bradyi</em></td>
<td>Brady pincushion cactus</td>
<td>Cactaceae</td>
<td>E</td>
<td>63</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus despainii</em></td>
<td>San Rafael cactus</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>39</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus (=<em>Toumeya</em>) knowltonii (=<em>P. bradyi var. k.</em>)</em></td>
<td>Knowlton cactus</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>72</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus (=<em>Echinocactus,</em> <em>Navajia,</em> <em>Toumeya,</em> <em>Utahia</em>) peeblesianus</em> var. <em>peeblesianus</em></td>
<td>Peebles Navajo cactus</td>
<td>Cactaceae</td>
<td>E</td>
<td>69</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus (=<em>Echinocactus,</em> <em>Utahia</em>) sileri</em></td>
<td>Siler pincushion cactus</td>
<td>Cactaceae</td>
<td>T</td>
<td>64, 524</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pediocactus winkleri</em></td>
<td>Winkler cactus</td>
<td>Scrophulariaceae</td>
<td>T</td>
<td>641</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Penstemon haydenii</em></td>
<td>Blowout penstemon</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>285</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Penstemon penlandii</em></td>
<td>Penland beardtongue</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>353</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pentachaeta bellidiflora</em></td>
<td>White-rayed pentachaeta</td>
<td>Asteraceae</td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pentachaeta lyonii</em></td>
<td>Lyon's pentachaeta</td>
<td>Asteraceae</td>
<td>E</td>
<td>606</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
<td>Distribution</td>
<td>Family</td>
<td>Status</td>
<td>E</td>
<td>NA</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------</td>
<td>--------------</td>
<td>--------</td>
<td>--------</td>
<td>---</td>
<td>----</td>
</tr>
<tr>
<td>Peperomia wheeleri</td>
<td>...</td>
<td>Wheeler's peperomia</td>
<td>U.S.A. (PR)</td>
<td>Piperaceae</td>
<td>E</td>
<td>255</td>
</tr>
<tr>
<td>Peucedanum sandwicense</td>
<td>...</td>
<td>Makou</td>
<td>U.S.A. (HI)</td>
<td>Apiaceae</td>
<td>T</td>
<td>530</td>
</tr>
<tr>
<td>Phacelia argillacea</td>
<td>...</td>
<td>Clay phacelia</td>
<td>U.S.A. (UT)</td>
<td>Hydrophyllaceae</td>
<td>E</td>
<td>44</td>
</tr>
<tr>
<td>Phacelia formosula</td>
<td>...</td>
<td>North Park phacelia</td>
<td>U.S.A. (CO)</td>
<td>do</td>
<td>E</td>
<td>121</td>
</tr>
<tr>
<td>Phacelia insularis ssp. insularis</td>
<td>...</td>
<td>Island phacelia</td>
<td>U.S.A. (CA)</td>
<td>do</td>
<td>E</td>
<td>623</td>
</tr>
<tr>
<td>Phlox nivalis ssp. texensis</td>
<td>...</td>
<td>Texas trailing phlox</td>
<td>U.S.A. (TX)</td>
<td>Polemoniaceae</td>
<td>E</td>
<td>440</td>
</tr>
<tr>
<td>Phyllostegia glabra var. lanaiensis</td>
<td>...</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td>E</td>
<td>435</td>
</tr>
<tr>
<td>Phyllostegia manii</td>
<td>...</td>
<td>do</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>480</td>
</tr>
<tr>
<td>Phyllostegia mollis</td>
<td>...</td>
<td>do</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>448</td>
</tr>
<tr>
<td>Phyllostegia wawana</td>
<td>...</td>
<td>do</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>590</td>
</tr>
<tr>
<td>Physaria obovata</td>
<td>...</td>
<td>Dudley Bluffs twinpod</td>
<td>U.S.A. (CO)</td>
<td>Brassicaceae</td>
<td>T</td>
<td>374</td>
</tr>
<tr>
<td>Pilosocereus (=Cereus) robinii</td>
<td>...</td>
<td>Key tree-cactus</td>
<td>U.S.A. (FL), Cuba</td>
<td>Cactaceae</td>
<td>E</td>
<td>153</td>
</tr>
<tr>
<td>Pinguicula ionantha</td>
<td>...</td>
<td>Godfrey's butterwort</td>
<td>U.S.A. (FL)</td>
<td>Lentibulariaceae</td>
<td>T</td>
<td>507</td>
</tr>
<tr>
<td>Piperia yadonii</td>
<td>...</td>
<td>Yadon's piperia</td>
<td>U.S.A. (CA)</td>
<td>Orchidaceae</td>
<td>E</td>
<td>640</td>
</tr>
<tr>
<td>Phytopsis (=Heterotheca, Chrysopsis) ruthii</td>
<td>...</td>
<td>Ruth's golden aster</td>
<td>U.S.A. (TN)</td>
<td>Asteraceae</td>
<td>E</td>
<td>191</td>
</tr>
<tr>
<td>Plagiobothrys strictus</td>
<td>...</td>
<td>Calistoga allocarya</td>
<td>U.S.A. (CA)</td>
<td>Boraginaceae</td>
<td>E</td>
<td>625</td>
</tr>
<tr>
<td>Plantago hawaiiensis</td>
<td>...</td>
<td>Laukahikuahiwi</td>
<td>U.S.A. (HI)</td>
<td>Plantaginaceae</td>
<td>E</td>
<td>532</td>
</tr>
<tr>
<td>Plantago princeps</td>
<td>...</td>
<td>do</td>
<td>...do</td>
<td>...do</td>
<td>E</td>
<td>559</td>
</tr>
<tr>
<td>Platanthera holochila</td>
<td>...</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Orchidaceae</td>
<td>E</td>
<td>592</td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------</td>
<td>-----------------------------------------------</td>
<td>-------------------------</td>
<td>--------</td>
<td>-------------</td>
<td>------------------</td>
</tr>
<tr>
<td><em>Platanthera leucophaea</em></td>
<td>Eastern prairie fringed orchid</td>
<td>U.S.A. (AR, IA, IL, IN, ME, MI, MO, NE, NJ, NY, OH, OK, PA, VA, WI), Canada (Ont., N.B.), Canada (Man.).</td>
<td>U.S.A. (AR, IA, IL, IN, ME, MI, MO, NE, NJ, NY, OH, OK, PA, VA, WI), Canada (Ont., N.B.).</td>
<td>T</td>
<td>368</td>
<td>NA</td>
</tr>
<tr>
<td><em>Platanthera praecala</em></td>
<td>Western prairie fringed orchid</td>
<td>U.S.A. (IA, KS, MN, MO, ND, NE, OK, SD), Canada (Man.).</td>
<td>U.S.A. (IA, KS, MN, MO, ND, NE, OK, SD), Canada (Man.).</td>
<td>T</td>
<td>368</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pleodendron macranthum</em></td>
<td>Chupacallos (=Chupagallo)</td>
<td>U.S.A. (PR)</td>
<td>Canellaceae</td>
<td>E</td>
<td>564</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pleomele hawaiensis</em></td>
<td>Hala pepe</td>
<td>U.S.A. (HI)</td>
<td>Liliaceae</td>
<td>E</td>
<td>595</td>
<td>NA</td>
</tr>
<tr>
<td><em>Poa atropurpurea</em></td>
<td>San Bernardino bluegrass</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>644</td>
<td>NA</td>
</tr>
<tr>
<td><em>Poa mannii</em></td>
<td>Mann's bluegrass</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>585</td>
<td>NA</td>
</tr>
<tr>
<td><em>Poa napensis</em></td>
<td>Napa bluegrass</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
</tr>
<tr>
<td><em>Poa sandvicensis</em></td>
<td>Hawaiian bluegrass</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>558</td>
<td>NA</td>
</tr>
<tr>
<td><em>Poa siphoroglossa</em></td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>464</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pogogyne abramsii</em></td>
<td>San Diego mesa mint</td>
<td>U.S.A. (CA)</td>
<td>Lamiales</td>
<td>E</td>
<td>44</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pogogyne nudiuscula</em></td>
<td>Otay mesa mint</td>
<td>U.S.A. (CA)</td>
<td>Lamiales</td>
<td>E</td>
<td>512</td>
<td>NA</td>
</tr>
<tr>
<td><em>Polygala lewtonii</em></td>
<td>Lewton's polygala</td>
<td>U.S.A. (FL)</td>
<td>Polygalaceae</td>
<td>E</td>
<td>500</td>
<td>NA</td>
</tr>
<tr>
<td><em>Polygala smallii</em></td>
<td>Tiny polygala</td>
<td>U.S.A. (CA)</td>
<td>Polygalaceae</td>
<td>E</td>
<td>192</td>
<td>NA</td>
</tr>
<tr>
<td><em>Polygonaella basiramia</em></td>
<td>Wireweed</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>256</td>
<td>NA</td>
</tr>
<tr>
<td>(=<em>Polygonaella myriophylla</em></td>
<td>Sandlace</td>
<td>U.S.A. (CA)</td>
<td>Polygonaceae</td>
<td>E</td>
<td>500</td>
<td>NA</td>
</tr>
<tr>
<td><em>Portulaca sclerocarpa</em></td>
<td>Po‘e</td>
<td>U.S.A. (HI)</td>
<td>Portulacaceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
</tr>
<tr>
<td><em>Potamogeton cystocarpus</em></td>
<td>Little Aguja pondweed</td>
<td>U.S.A. (TX)</td>
<td>Potamogetonaceae</td>
<td>E</td>
<td>450</td>
<td>NA</td>
</tr>
<tr>
<td><em>Potentilla hickmani</em></td>
<td>Hickman's potentilla</td>
<td>U.S.A. (CA)</td>
<td>Rosaceae</td>
<td>E</td>
<td>640</td>
<td>NA</td>
</tr>
<tr>
<td><em>Potentilla robinsiana</em></td>
<td>Robbins' cinquefoil</td>
<td>U.S.A. (NH, VT)</td>
<td>Rosaceae</td>
<td>E</td>
<td>104</td>
<td>17.96(a)</td>
</tr>
<tr>
<td><em>Primula maguirei</em></td>
<td>Maguire primrose</td>
<td>U.S.A. (UT)</td>
<td>Primulaceae</td>
<td>T</td>
<td>199</td>
<td>NA</td>
</tr>
<tr>
<td><em>Pritchardia affinis</em></td>
<td>Loulu</td>
<td>U.S.A. (HI)</td>
<td>Arecaceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Distribution</td>
<td>Family</td>
<td>Status</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>--------------------------------------</td>
<td>--------------</td>
<td>--------------</td>
<td>--------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia aylmerrobinsonii</td>
<td>Wahane (=Hawane or lo’ulu)</td>
<td></td>
<td></td>
<td>E 586</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia kaalae</td>
<td>Loulu</td>
<td></td>
<td></td>
<td>E 591</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia murrui</td>
<td>do</td>
<td></td>
<td></td>
<td>E 480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia napalensis</td>
<td>do</td>
<td></td>
<td></td>
<td>E 590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia remota</td>
<td>do</td>
<td></td>
<td></td>
<td>E 587</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia schattaueri</td>
<td>do</td>
<td></td>
<td></td>
<td>E 595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia viscosa</td>
<td>do</td>
<td></td>
<td></td>
<td>E 590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia aylmerrobinsonii</td>
<td>Wahane (=Hawane or lo’ulu)</td>
<td></td>
<td></td>
<td>E 586</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia kaalae</td>
<td>Loulu</td>
<td></td>
<td></td>
<td>E 591</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia murrui</td>
<td>do</td>
<td></td>
<td></td>
<td>E 480</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia napalensis</td>
<td>do</td>
<td></td>
<td></td>
<td>E 590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia remota</td>
<td>do</td>
<td></td>
<td></td>
<td>E 587</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia schattaueri</td>
<td>do</td>
<td></td>
<td></td>
<td>E 595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pritchardia viscosa</td>
<td>do</td>
<td></td>
<td></td>
<td>E 590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prunus geniculata</td>
<td>Scrub plum</td>
<td>U.S.A. (FL)</td>
<td>Rosaceae</td>
<td>E 256</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudobahia bahitofila</td>
<td>Hartweg’s golden sunburst</td>
<td></td>
<td>Asteraceae</td>
<td>E 609</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudobahia peisonii</td>
<td>San Joaquin adobe sunburst</td>
<td></td>
<td></td>
<td>T 609</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pteraxia kauaensis</td>
<td>Kaulu</td>
<td>U.S.A. (HI)</td>
<td>Apocynaceae</td>
<td>E 530</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ptilimnium nodosum (=flaviatile)</td>
<td>Harperella</td>
<td>U.S.A. (AL, AR, GA, MD, NC, SC, WV)</td>
<td>Apiaceae</td>
<td>E 332</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Purshia (=Cowaania) subintegra</td>
<td>Arizona cliffrose</td>
<td>U.S.A. (AZ)</td>
<td>Rosaceae</td>
<td>E 148</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quercus hinckleyi</td>
<td>Hinckley’s oak</td>
<td>U.S.A. (TX)</td>
<td>Fagaceae</td>
<td>T 318</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ranunculus aciformis var. aestivis (=acríd var. a.)</td>
<td>Autumn buttercup</td>
<td>U.S.A. (UT)</td>
<td>Ranunculaceae</td>
<td>E 355</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remya kauaensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 413</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remya maunensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 413</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remya montgomeryi</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 413</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rhynchospora kieskernii</td>
<td>Kieskern’s beaked rush</td>
<td>U.S.A. (DE, NJ)</td>
<td>Cyperaceae</td>
<td>T 429</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ribes echinellum</td>
<td>Miccosukee gooseberry</td>
<td>U.S.A. (FL, SC)</td>
<td>Saxifragaceae</td>
<td>T 190</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rorippa gambellii</td>
<td>Gambel’s watercress</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E 511</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sagittaria fasciculata</td>
<td>Bunched arrowhead</td>
<td>U.S.A. (NC, SC)</td>
<td>Alismataceae</td>
<td>E 53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sagittaria secundifolia</td>
<td>Kraal’s water-plantain</td>
<td>U.S.A. (AL, GA)</td>
<td>Apiaceae</td>
<td>T 386</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanicula mariversa</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Apiaceae</td>
<td>E 448</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanicula purpurea</td>
<td>do</td>
<td></td>
<td></td>
<td>E 592</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Santalum freycinetianum var. lanaiense.</td>
<td>Lanai sandalwood or `iliahi.</td>
<td>...do .........................</td>
<td>Santalaceae</td>
<td>E</td>
<td>215</td>
<td>NA</td>
</tr>
<tr>
<td>Sarracenia oreophila</td>
<td>Green pitcher-plant</td>
<td>U.S.A. (AL, GA, NC, TN)</td>
<td>Sarraceniaceae</td>
<td>E</td>
<td>56, 89</td>
<td>NA</td>
</tr>
<tr>
<td>Sarracenia rubra ssp. alabamensis (=alabamensis ssp. a.),</td>
<td>Alabama canebrake pitcher-plant.</td>
<td>U.S.A. (AL)</td>
<td>...do .........................</td>
<td>E</td>
<td>346</td>
<td>NA</td>
</tr>
<tr>
<td>Scaevola coriacea</td>
<td>Dwarf naupaka</td>
<td>U.S.A. (HI)</td>
<td>Goodeniaceae</td>
<td>E</td>
<td>231</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea adamantis</td>
<td>Diamond Head schiedea.</td>
<td>U.S.A. (NC, SC)</td>
<td>Caryophyllaceae</td>
<td>E</td>
<td>141</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea apokremnos</td>
<td>Ma<code>oli</code>oli</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>441</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea haleakalensis.</td>
<td>None</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>467</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea helleri</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>467</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea hookeri</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>592</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea kaalae</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>448</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea kaualiensis</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>592</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea kaalae</td>
<td>Ma<code>oli</code>oli</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>591</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea lydgatei</td>
<td>None</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>480</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea membranacea.</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>590</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea nuttallii</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>592</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea sarmentosa</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>594</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea spergulina var. leioptoda.</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>530</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea spergulina var. spergulina.</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>T</td>
<td>530</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea stellarioides</td>
<td>Lauililihi (=Ma<code>oli</code>oli)</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>590</td>
<td>NA</td>
</tr>
<tr>
<td>Schiedea verticillata</td>
<td>None</td>
<td>...do .........................</td>
<td>...do .........................</td>
<td>E</td>
<td>587</td>
<td>NA</td>
</tr>
<tr>
<td>Schoenocrambe argillacea.</td>
<td>Clay reed-mustard</td>
<td>U.S.A. (UT)</td>
<td>Brassicaceae</td>
<td>T</td>
<td>457</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
<td>Range</td>
<td>Family</td>
<td>Status</td>
<td>Code</td>
<td>Code 1</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>----------------------------------</td>
<td>--------------------------------------------</td>
<td>----------------------</td>
<td>---------</td>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>Schoenocrambe barnebyi</td>
<td>Barneby reed-mustard</td>
<td>U.S.A. (PR)</td>
<td>Olacaceae</td>
<td>E</td>
<td>457</td>
<td>NA</td>
</tr>
<tr>
<td>Schoenocrambe (=Glaucocarpum) suffrutescens</td>
<td>Shrubby reed-mustard (=toad-flax cress)</td>
<td>U.S.A. (AL, CT, DE, FL, GA, LA, MA, MD, MI, MS, NC, NJ, NY, SC, TN, VA)</td>
<td>Scrophulariaceae</td>
<td>E</td>
<td>478</td>
<td>NA</td>
</tr>
<tr>
<td>Schoepfia arenaria</td>
<td>None</td>
<td>U.S.A. (MA, MD, NH, NY, PA, VA, VT, WV)</td>
<td>Cyperaceae</td>
<td>E</td>
<td>425</td>
<td>NA</td>
</tr>
<tr>
<td>Schwalbea americana</td>
<td>American chaffseed</td>
<td>U.S.A. (CO, UT)</td>
<td>Cactaceae</td>
<td>T</td>
<td>59</td>
<td>NA</td>
</tr>
<tr>
<td>Scirpus anistrochaetus</td>
<td>Northeastern (=Barbed bristle) bulrush</td>
<td>U.S.A. (CO, NM)</td>
<td>Cyperaceae</td>
<td>T</td>
<td>75</td>
<td>NA</td>
</tr>
<tr>
<td>Sclerocactus (=Echinocactus, =Pediocactus) glaucus (=whipplei var. g., =subglaucus, = franklinii)</td>
<td>Wright fishhook cactus.</td>
<td>U.S.A. (UT)</td>
<td>Cactaceae</td>
<td>E</td>
<td>58</td>
<td>NA</td>
</tr>
<tr>
<td>Sclerocactus (=Coloradoa, =Echinocactus, =Pediocactus) mesae-verdae.</td>
<td>Mesa Verde cactus ...</td>
<td>U.S.A. (CO, NM)</td>
<td>Cactaceae</td>
<td>T</td>
<td>75</td>
<td>NA</td>
</tr>
<tr>
<td>Sclerocactus (=Pediocactus) wrightiae.</td>
<td>Florida skullcap</td>
<td>U.S.A. (FL)</td>
<td>Lamiaceae</td>
<td>T</td>
<td>463</td>
<td>NA</td>
</tr>
<tr>
<td>Scutellaria floridana</td>
<td>Large-flowered skull-cap</td>
<td>U.S.A. (GA, TN)</td>
<td>Lamiaceae</td>
<td>E</td>
<td>234</td>
<td>NA</td>
</tr>
<tr>
<td>Scutellaria montana</td>
<td>Leedy's roseroot</td>
<td>U.S.A. (MN, NY)</td>
<td>Crassulaceae</td>
<td>T</td>
<td>460</td>
<td>NA</td>
</tr>
<tr>
<td>Sedum integrifolium ssp. leedyi</td>
<td>San Francisco Peaks groundsel.</td>
<td>U.S.A. (AZ)</td>
<td>Asteraceae</td>
<td>T</td>
<td>137</td>
<td>17.96(a)</td>
</tr>
<tr>
<td>Senecio franciscanus</td>
<td>Layne's butterweed</td>
<td>U.S.A. (CA)</td>
<td>Fabaceae</td>
<td>E</td>
<td>257</td>
<td>NA</td>
</tr>
<tr>
<td>Senecio layneae</td>
<td>Hayun lagu (Guam), Tronkon guafi (Rota)</td>
<td>U.S.A. (AZ)</td>
<td>Fabaceae</td>
<td>E</td>
<td>257</td>
<td>NA</td>
</tr>
<tr>
<td>Serianthes nelsonii</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Historic range</td>
<td>Status</td>
<td>Critical habitat</td>
<td>When listed</td>
<td>Scientific name</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>--------------------------------</td>
<td>-------------------------</td>
<td>--------</td>
<td>------------------</td>
<td>-------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td>Sesbania tomentosa</td>
<td>Chilean bushmallow</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sibara filifolia</td>
<td>Santa Cruz Island rockcress.</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>624</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sicyos alba</td>
<td>Anunu</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>490</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sidalcea nelsoniana</td>
<td>Nelson's checker-mallow</td>
<td>U.S.A. (OR, WA)</td>
<td>T</td>
<td>595</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sidalcea oregana</td>
<td>Kenwood Marsh checker-mallow.</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>625</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Sidalcea pedata</td>
<td>Pedate checker-mallow</td>
<td>U.S.A. (CA)</td>
<td>T</td>
<td>158</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Silene alexandri</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Silene hawaiiensis</td>
<td>Flowers of the Marsh</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Silene polyepetala</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>438</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Silene perfoliae</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Solidago albopilosa</td>
<td>White-haired goldenrod</td>
<td>U.S.A. (FL, GA)</td>
<td>T</td>
<td>308</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Solidago houghtonii</td>
<td>Houghton's goldenrod</td>
<td>U.S.A. (MI), Canada</td>
<td>T</td>
<td>201</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Solidago shortii</td>
<td>Short's goldenrod</td>
<td>U.S.A. (FL, GA)</td>
<td>T</td>
<td>175</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Solidago brevifolia</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Solidago alpina</td>
<td>None</td>
<td>U.S.A. (CA)</td>
<td>E</td>
<td>389</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Spermolepis hawaiiensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Spigelia gentianoides</td>
<td>Gentian pinkroot</td>
<td>U.S.A. (FL, GA)</td>
<td>T</td>
<td>308</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Spigelia phleboides</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>389</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Spigelia xanthina</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Spigelia virginiana</td>
<td>Virgin s sprig</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>559</td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common Name</td>
<td>Country</td>
<td>Status</td>
<td>E</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------------------------</td>
<td>--------------------------</td>
<td>--------</td>
<td>---</td>
<td>------</td>
<td>------</td>
</tr>
<tr>
<td><strong>Spiranthes diluvialis</strong></td>
<td>Ute ladies'-tresses</td>
<td>U.S.A. (CO, ID, MT, NE, NV, UT, WA, WY)</td>
<td>do</td>
<td>T</td>
<td>458</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Spiranthes parksii</strong></td>
<td>Navasota ladies'-tresses</td>
<td>U.S.A. (TX)</td>
<td>do</td>
<td>E</td>
<td>116</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Stahlia monosperma</strong></td>
<td>Cobana negra</td>
<td>U.S.A. (PR), Dominican Republic</td>
<td>T</td>
<td>380</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Stenogyne angustifolia</strong></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Lamiaceae</td>
<td>E</td>
<td>73</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Stenogyne bilida</strong></td>
<td>do</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>480</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Stenogyne campanulata</strong></td>
<td>do</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>464</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Stenogyne kanehoana</strong></td>
<td>do</td>
<td>U.S.A. (HI)</td>
<td>E</td>
<td>466</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Streptanthus albidus</strong></td>
<td>Metcalf Canyon jewelflower</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>575</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Streptanthus niger</strong></td>
<td>Tiburon jewelflower</td>
<td>U.S.A. (OR)</td>
<td>E</td>
<td>575</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Styrax portoricensis</strong></td>
<td>Palo de jazmin</td>
<td>U.S.A. (PR)</td>
<td>E</td>
<td>461</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Styrax texanus</strong></td>
<td>Texas snowbells</td>
<td>U.S.A. (TX)</td>
<td>E</td>
<td>162</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Suadera californica</strong></td>
<td>Seabrite, California</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>567</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Swallenia alexandrae</strong></td>
<td>Eureka Dune grass</td>
<td>U.S.A. (OR)</td>
<td>E</td>
<td>39</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Taraxacum californicum</strong></td>
<td>California taraxacum</td>
<td>U.S.A. (CA)</td>
<td>Asteraceae</td>
<td>E</td>
<td>644</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Ternstroemia luquillensis</strong></td>
<td>Palo colorado</td>
<td>U.S.A. (PR)</td>
<td>Theaceae</td>
<td>E</td>
<td>461</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Ternstroemia subsessilis</strong></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>532</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tetramolopium arenarium</strong></td>
<td>do</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>555</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tetramolopium capillare</strong></td>
<td>Pnamakani</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tetramolopium filiforme</strong></td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tetramolopium ephedrum</strong></td>
<td>do</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E</td>
<td>435</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Tetramolopium rockii</strong></td>
<td>do</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>T</td>
<td>480</td>
<td>NA</td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Tetraplasandra</td>
<td>'Ohe'ohe</td>
<td>.................</td>
<td>Araliaceae</td>
<td>E</td>
<td>536</td>
<td>NA</td>
</tr>
<tr>
<td>gymnocaarpa,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thalictrum</td>
<td>Cooley's</td>
<td>U.S.A. (FL, NC)</td>
<td>Ranunculaceae</td>
<td>E</td>
<td>344</td>
<td>NA</td>
</tr>
<tr>
<td>cooleyi</td>
<td>meadowrue</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thelypodium</td>
<td>Slender-petaled</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>158</td>
<td>NA</td>
</tr>
<tr>
<td>stemopetalum.</td>
<td>mustard.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thymophylla</td>
<td>Ashy dogweed</td>
<td>U.S.A. (TX)</td>
<td>Asteraceae</td>
<td>E</td>
<td>152</td>
<td>NA</td>
</tr>
<tr>
<td>(=Dyssodia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>tephroleuca.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thysanocarpus</td>
<td>Santa Cruz</td>
<td>U.S.A. (CA)</td>
<td>Brassicaceae</td>
<td>E</td>
<td>623</td>
<td>NA</td>
</tr>
<tr>
<td>conchilliferus.</td>
<td>Island</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Townsendia</td>
<td>Last Chance</td>
<td>U.S.A. (UT)</td>
<td>Asteraceae</td>
<td>T</td>
<td>200</td>
<td>NA</td>
</tr>
<tr>
<td>aprica</td>
<td>townsendia.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trematolobelia</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Campanulaceae</td>
<td>E</td>
<td>591</td>
<td>NA</td>
</tr>
<tr>
<td>singularis.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trichilia</td>
<td>Bario</td>
<td>U.S.A. (PR)</td>
<td>Meliaceae</td>
<td>E</td>
<td>303</td>
<td>NA</td>
</tr>
<tr>
<td>triacantha</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trichostema</td>
<td>Hidden Lake</td>
<td>U.S.A. (CA)</td>
<td>Lamiaceae</td>
<td>T</td>
<td>644</td>
<td>NA</td>
</tr>
<tr>
<td>austromontanum</td>
<td>bluecurls.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ssp. compactum.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trifolium</td>
<td>Showy Indian</td>
<td>U.S.A. (CA)</td>
<td>Fabaceae</td>
<td>E</td>
<td>625</td>
<td>NA</td>
</tr>
<tr>
<td>amoenum</td>
<td>clover,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>showy Indian.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trifolium</td>
<td>Running</td>
<td>U.S.A. (AR, IL,</td>
<td>Fabaceae</td>
<td>E</td>
<td>270</td>
<td>NA</td>
</tr>
<tr>
<td>stoloniferum</td>
<td>buffalo</td>
<td>KS, KY, MO, OH,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>clover.</td>
<td>WV).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trifolium trichocalyx</td>
<td>Monterey</td>
<td>U.S.A. (CA)</td>
<td>Liliaceae</td>
<td>E</td>
<td>640</td>
<td>NA</td>
</tr>
<tr>
<td>Trillium</td>
<td>Persistent</td>
<td>U.S.A. (GA, SC)</td>
<td>Liliaceae</td>
<td>E</td>
<td>39</td>
<td>NA</td>
</tr>
<tr>
<td>persistens</td>
<td>trillium</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trillium</td>
<td>Relict</td>
<td>U.S.A. (AL, GA, SC)</td>
<td>Liliaceae</td>
<td>E</td>
<td>306</td>
<td>NA</td>
</tr>
<tr>
<td>religium</td>
<td>trillium.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuctoria</td>
<td>Greene's</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>611</td>
<td>NA</td>
</tr>
<tr>
<td>greenei</td>
<td>tuctoria.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuctoria</td>
<td>Solano</td>
<td>U.S.A. (CA)</td>
<td>Poaceae</td>
<td>E</td>
<td>611</td>
<td>NA</td>
</tr>
<tr>
<td>(=Orcuttia)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mucronata.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urena kaalae</td>
<td>Opuhe</td>
<td>U.S.A. (HI)</td>
<td>Urticaceae</td>
<td>E</td>
<td>448</td>
<td>NA</td>
</tr>
<tr>
<td>Verbena</td>
<td>Red Hills</td>
<td>U.S.A. (CA)</td>
<td>Verbenaceae</td>
<td>T</td>
<td>643</td>
<td>NA</td>
</tr>
<tr>
<td>californica</td>
<td>vervain.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Verbesina</td>
<td>Big-leaved</td>
<td>U.S.A. (CA, Mexico)</td>
<td>Asteraceae</td>
<td>T</td>
<td>589</td>
<td>NA</td>
</tr>
<tr>
<td>dissita</td>
<td>crownbeard.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Status</td>
<td>Family</td>
<td>Location</td>
<td>Conservation Code</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-------------</td>
<td>-------------</td>
<td>---------------------------</td>
<td>-------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vernonia proctorii</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td></td>
<td>E 501</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vicia menziesii</td>
<td>Hawaiian vetch</td>
<td>U.S.A. (HI)</td>
<td>Fabaceae</td>
<td>E 39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vigna o-wahuensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Fabaceae</td>
<td>E 559</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viola chamissoniana</td>
<td>Pamakani</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 448</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viola heterostylis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 436</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viola kauaiensis var. wahawaensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viola lanaiensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 435</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viola oahuensis</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Violaceae</td>
<td>E 591</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warea amplexifolia</td>
<td>Wide-leaf wheal</td>
<td>U.S.A. (FL)</td>
<td>Brassicaceae</td>
<td>E 266</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warea carteri</td>
<td>Carter's mustard</td>
<td>U.S.A. (HI)</td>
<td>Brassicaceae</td>
<td>E 256</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wilkesia hobdyi</td>
<td>Dwarf iliau</td>
<td>U.S.A. (HI)</td>
<td>Asteraceae</td>
<td>E 473</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xylosma crenatum</td>
<td>None</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>Flacourtiaceae</td>
<td>E 464</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xyris tennesseensis</td>
<td>Tennessee yellow-eyed grass</td>
<td>U.S.A. (AL, GA, TN)</td>
<td>Xyridaceae</td>
<td>E 430</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zanthoxylum diphleum</td>
<td>A'e</td>
<td>U.S.A. (HI)</td>
<td>Rutaceae</td>
<td>E 595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zanthoxylum hawaiiense</td>
<td>None</td>
<td>U.S.A. (PR, VI)</td>
<td></td>
<td>E 213</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zanthoxylum thomsonianum</td>
<td>St. Thomas prickly-ash</td>
<td>U.S.A. (PR, VI)</td>
<td></td>
<td>E 213</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zizania texana</td>
<td>Texas wild-rice</td>
<td>U.S.A. (TX)</td>
<td>Poaceae</td>
<td>E 39 17.96(a)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ziziphus celata</td>
<td>Florida ziziphus</td>
<td>U.S.A. (FL)</td>
<td>Rhamnaceae</td>
<td>E 356</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CONIFERS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abies guatemalensis</td>
<td>Pinabete or Guatemalan fir</td>
<td>Mexico, Guatemala, Honduras, El Salvador</td>
<td>Pinaceae</td>
<td>T 84</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cupressus abramsiana</td>
<td>Santa Cruz cypress</td>
<td>U.S.A. (CA)</td>
<td>Cupressaceae</td>
<td>E 252</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cupressus goveniana</td>
<td>Gowen cypress</td>
<td>U.S.A. (CA)</td>
<td>Cupressaceae</td>
<td>E 640</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fitzroya cupressoides</td>
<td>Alerce or Chilean false larch</td>
<td>Chile, Argentina</td>
<td></td>
<td>T 79</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Torreyad taxifolia</td>
<td>Florida torreya</td>
<td>U.S.A. (FL, GA)</td>
<td>Taxaceae</td>
<td>E 140</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>FERNS AND ALLIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adenophorus perennis</td>
<td>Pendant kihi fern</td>
<td>U.S.A. (HI)</td>
<td>Grammitidaceae</td>
<td>E 559</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adiantum vivesii</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Adiantaceae</td>
<td>E 504</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scientific name</td>
<td>Common name</td>
<td>Historic range</td>
<td>Family</td>
<td>Status</td>
<td>When listed</td>
<td>Critical habitat</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
<td>--------</td>
<td>--------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Asplenium fragile var. insulare.</td>
<td>Pauoa</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Asplenium (=Phyllitis) scolopendrium (=japonica) var. americanum.</td>
<td>Elfin tree fern</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Ctenitis squamigera</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Cyathea dryopteroides</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Diellia erecta</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Diellia falcata</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Diellia pallida</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Diellia unisora</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Diplazium molokaiense</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Elaphoglossum serpens.</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Aspleniaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Isoetes louisianensis</td>
<td>None</td>
<td>U.S.A. (LA, MS)</td>
<td>Isoetaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Isoetes melanospora</td>
<td>None</td>
<td>U.S.A. (GA, SC)</td>
<td>Isoetaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Isoetes tegetiformans</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Isoetaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Marsilea villosa</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Marsileaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Phlegmariurus manii</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Phlegmariurus nutans</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Polystichum aleuticum (=Aleutian holly-fern).</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Polystichum caldersonense.</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>482</td>
<td>NA</td>
</tr>
<tr>
<td>Pteris ligate</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Adiantaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Tectaria estremerana</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Thelypteris inabonensis.</td>
<td>None</td>
<td>U.S.A. (HI)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Thelypteris (=Leptogramma) pilosa var. alabamensis.</td>
<td>None</td>
<td>U.S.A. (AL)</td>
<td>Dryopteridaceae</td>
<td>E</td>
<td>553</td>
<td>NA</td>
</tr>
<tr>
<td>Species</td>
<td>When listed</td>
<td>U.S. A.</td>
<td>Family</td>
<td>Status</td>
<td>Code</td>
<td>NA</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------</td>
<td>---------</td>
<td>-------------------</td>
<td>--------</td>
<td>------</td>
<td>----</td>
</tr>
<tr>
<td>Thelypteris verecunda</td>
<td>None</td>
<td>U.S.A. (PR)</td>
<td></td>
<td>E</td>
<td>506</td>
<td>NA</td>
</tr>
<tr>
<td>Thelypteris yaucoensis</td>
<td>......do......</td>
<td>......do......</td>
<td>......do......</td>
<td>E</td>
<td>506</td>
<td>NA</td>
</tr>
<tr>
<td>Lichens</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cladonia perforata</td>
<td>Florida perforate cladonia.</td>
<td>U.S.A. (FL)</td>
<td>Cladoniaceae</td>
<td>E</td>
<td>500</td>
<td>NA</td>
</tr>
<tr>
<td>Gymnoderma lineare</td>
<td>Rock gnome lichen</td>
<td>U.S.A. (NC,TN)</td>
<td></td>
<td>E</td>
<td>572</td>
<td>NA</td>
</tr>
</tbody>
</table>

Symbols used in the “when listed” column:
E—Indicates Emergency rule publication (see FR document for effective dates); subsequent number(s) indicate FR final rule, if applicable, under “When listed.”
§ 17.12

<table>
<thead>
<tr>
<th>Act Number</th>
<th>Federal Register</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>26—42</td>
<td>FR 40685</td>
<td>August 11, 1977.</td>
</tr>
<tr>
<td>26—42</td>
<td>FR 40685</td>
<td>August 11, 1977.</td>
</tr>
<tr>
<td>47—44</td>
<td>FR 24250</td>
<td>April 24, 1979.</td>
</tr>
<tr>
<td>57—44</td>
<td>FR 58863 October 2, 1979.</td>
<td></td>
</tr>
<tr>
<td>64—44</td>
<td>FR 61788 October 26, 1979.</td>
<td></td>
</tr>
<tr>
<td>70—44</td>
<td>FR 61927 October 26, 1979.</td>
<td></td>
</tr>
<tr>
<td>71—44</td>
<td>FR 61929 October 26, 1979.</td>
<td></td>
</tr>
<tr>
<td>76—44</td>
<td>FR 64247 November 6, 1979.</td>
<td></td>
</tr>
<tr>
<td>77—44</td>
<td>FR 64250 November 6, 1979.</td>
<td></td>
</tr>
<tr>
<td>78—44</td>
<td>FR 64252 November 6, 1979.</td>
<td></td>
</tr>
<tr>
<td>82—44</td>
<td>FR 64743 November 7, 1979.</td>
<td></td>
</tr>
<tr>
<td>89—45</td>
<td>FR 18929 March 24, 1980.</td>
<td></td>
</tr>
<tr>
<td>104—45</td>
<td>FR 61944 September 17, 1980.</td>
<td></td>
</tr>
<tr>
<td>107—45</td>
<td>FR 69360 October 20, 1980.</td>
<td></td>
</tr>
<tr>
<td>112—46</td>
<td>FR 40025 August 6, 1981.</td>
<td></td>
</tr>
<tr>
<td>120—47</td>
<td>FR 36846 August 24, 1982.</td>
<td></td>
</tr>
<tr>
<td>121—47</td>
<td>FR 38540 September 1, 1982.</td>
<td></td>
</tr>
<tr>
<td>133—48</td>
<td>FR 46331 October 12, 1983.</td>
<td></td>
</tr>
<tr>
<td>137—48</td>
<td>FR 52747 November 22, 1983.</td>
<td></td>
</tr>
<tr>
<td>141—49</td>
<td>FR 6102 February 17, 1984.</td>
<td></td>
</tr>
<tr>
<td>147—49</td>
<td>FR 21058 May 18, 1984.</td>
<td></td>
</tr>
<tr>
<td>194—50</td>
<td>FR 31190 August 1, 1985.</td>
<td></td>
</tr>
<tr>
<td>204—50</td>
<td>FR 37863 September 18, 1985.</td>
<td></td>
</tr>
<tr>
<td>220—51</td>
<td>FR 10521 March 26, 1986.</td>
<td></td>
</tr>
<tr>
<td>221—51</td>
<td>FR 10523 March 26, 1986.</td>
<td></td>
</tr>
<tr>
<td>230—51</td>
<td>FR 17346 May 12, 1986.</td>
<td></td>
</tr>
</tbody>
</table>
U.S. Fish and Wildlife Serv., Interior § 17.12

232—51 FR 17977; May 16, 1986.
234—51 FR 22524; June 20, 1986.
235—51 FR 23769; July 1, 1986.
237—51 FR 24672; July 8, 1986.
238—51 FR 24677; July 8, 1986.
240—51 FR 27502; July 31, 1986.
235—51 FR 23769; December 23, 1986.
237—51 FR 24672; July 8, 1986.
244—51 FR 34422; September 7, 1988.
245—51 FR 45907; December 23, 1986.
256—51 FR 34450; September 7, 1988.
266—51 FR 34482; September 7, 1988.
270—51 FR 34494; September 7, 1988.
293—51 FR 34563; September 7, 1988.
300—51 FR 34584; September 7, 1988.
301—51 FR 34587; September 7, 1988.
305—51 FR 34599; September 7, 1988.
315—51 FR 34629; September 7, 1988.
§ 17.12

438—56 FR 48755; September 20, 1991.
441—56 FR 49643; September 30, 1991.
460—57 FR 14653; April 22, 1992.
461—57 FR 14785; April 22, 1992.
466—57 FR 20595; May 13, 1992.
467—57 FR 20787; May 15, 1992.
470—57 FR 21574; May 20, 1992.
471—57 FR 24199; June 8, 1992.
477—57 FR 44340; September 25, 1992.
480—57 FR 46339; October 8, 1992.
481—57 FR 46344; October 8, 1992.
490—58 FR 8242; February 12, 1993.
491—58 FR 11552; February 26, 1993.
497—58 FR 18035; April 7, 1993.
498—58 FR 18041; April 7, 1993.
500—58 FR 25754; April 27, 1993.
501—58 FR 25758; April 27, 1993.
504—58 FR 32311; June 9, 1993.
507—58 FR 37443; July 12, 1993.
512—58 FR 41391; August 3, 1993.
515—58 FR 40879; September 23, 1993.
519—58 FR 52030; October 6, 1993.
521—58 FR 53807; October 10, 1993.
524—58 FR 68480; December 27, 1993.
529—59 FR 8141; February 18, 1994.
537—59 FR 15345; April 1, 1994.
544—59 FR 42176; August 17, 1994.
547—59 FR 43652; August 24, 1994.
548—59 FR 43652; August 24, 1994.
553—59 FR 49031; September 26, 1994.
555—59 FR 49863; September 30, 1994.
556—59 FR 50857; October 6, 1994.
565—59 FR 62352; December 5, 1994.
575—60 FR 6684; February 3, 1995.
578—60 FR 12846; March 7, 1995.
581—60 FR 10697; March 15, 1996.
584—61 FR 31058; June 19, 1996.
586—61 FR 41023; August 7, 1996.
587—61 FR 43184; August 21, 1996.
589—61 FR 52384; October 7, 1996.
590—61 FR 53088; October 10, 1996.
591—61 FR 53107; October 10, 1996.
592—61 FR 53123; October 10, 1996.
593—61 FR 53130; October 10, 1996.
594—61 FR 53137; October 10, 1996.
595—61 FR 53152; October 10, 1996.
596—61 FR 54368; October 18, 1996.
599—61 FR 67497; December 23, 1996.
§ 17.21 Prohibitions.

(a) Except as provided in subpart A of this part, or under permits issued pursuant to §17.22 or §17.23, it is unlawful for any person subject to the jurisdiction of the United States to commit, to attempt to commit, to solicit another to commit or to cause to be committed, any of the acts described in paragraphs (b) through (f) of this section in regard to any endangered wildlife.

(b) Import or export. It is unlawful to import or to export any endangered wildlife. Any shipment in transit through the United States is an importation and an exportation, whether or not it has entered the country for customs purposes.

(c) Take. (1) It is unlawful to take endangered wildlife within the United States, within the territorial sea of the United States, or upon the high seas. The high seas shall be all waters seaward of the territorial sea of the United States, except waters officially recognized by the United States as the territorial sea of another country, under international law.

(2) Notwithstanding paragraph (c)(1) of this section, any person may take endangered wildlife in defense of his own life or the lives of others.

(3) Notwithstanding paragraph (c)(1) of this section, any employee or agent of the Service, any other Federal land management agency, the National Marine Fisheries Service, or a State conservation agency, who is designated by his agency for such purposes, may, when acting in the course of his official duties, take endangered wildlife without a permit if such action is necessary to:

(i) Aid a sick, injured or orphaned specimen; or

(ii) Dispose of a dead specimen; or

(iii) Salvage a dead specimen which may be useful for scientific study; or

(b) Import or export. It is unlawful to import or to export any endangered wildlife. Any shipment in transit through the United States is an importation and an exportation, whether or not it has entered the country for customs purposes.

(c) Take. (1) It is unlawful to take endangered wildlife within the United States, within the territorial sea of the United States, or upon the high seas. The high seas shall be all waters seaward of the territorial sea of the United States, except waters officially recognized by the United States as the territorial sea of another country, under international law.

(2) Notwithstanding paragraph (c)(1) of this section, any person may take endangered wildlife in defense of his own life or the lives of others.

(3) Notwithstanding paragraph (c)(1) of this section, any employee or agent of the Service, any other Federal land management agency, the National Marine Fisheries Service, or a State conservation agency, who is designated by his agency for such purposes, may, when acting in the course of his official duties, take endangered wildlife without a permit if such action is necessary to:

(i) Aid a sick, injured or orphaned specimen; or

(ii) Dispose of a dead specimen; or

(iii) Salvage a dead specimen which may be useful for scientific study; or

(iv) Remove specimens which constitute a demonstrable but nonimmediate threat to human safety, provided that the taking is done in a humane manner; the taking may involve killing or injuring only if it has not been reasonably possible to eliminate such threat by live-capturing and releasing the specimen unharmed, in a remote area.

(4) Any taking pursuant to paragraphs (c) (2) and (3) of this section must be reported in writing to the U.S. Fish and Wildlife Service, Division of Law Enforcement, P.O. Box 19183, Washington, DC 20036, within 5 days. The specimen may only be retained, disposed of, or salvaged in accordance with directions from Service.

(5) Notwithstanding paragraph (c)(1) of this section, any qualified employee or agent of a State Conservation Agency which is a party to a Cooperative Agreement with the Service in accordance with section 6(c) of the Act, who is designated by his agency for such purposes, may, when acting in the course of his official duties take those endangered species which are covered by an approved cooperative agreement for conservation programs in accordance with the Cooperative Agreement, provided that such taking is not reasonably anticipated to result in:

(i) The death or permanent disabling of the specimen;

(ii) The removal of the specimen from the State where the taking occurred;

(iii) The introduction of the specimen so taken, or of any progeny derived
§ 17.21  from such a specimen, into an area beyond the historical range of the species; or

(iv) The holding of the specimen in captivity for a period of more than 45 consecutive days.

(d) Possession and other acts with unlawfully taken wildlife. (1) It is unlawful to possess, sell, deliver, carry, transport, or ship, by any means whatsoever, any endangered wildlife which was taken in violation of paragraph (c) of this section.

Example: A person captures a whooping crane in Texas and gives it to a second person, who puts it in a closed van and drives thirty miles, to another location in Texas. The second person then gives the whooping crane to a third person, who is apprehended with the bird in his possession. All three have violated the law—the first by illegally taking the whooping crane; the second by transporting an illegally taken whooping crane; and the third by possessing an illegally taken whooping crane.

(2) Notwithstanding paragraph (d)(1) of this section, Federal and State law enforcement officers may possess, deliver, carry, transport or ship any endangered wildlife taken in violation of the Act as necessary in performing their official duties.

(e) Interstate or foreign commerce. It is unlawful to deliver, receive, carry transport, or ship in interstate or foreign commerce, by any means whatsoever, and in the course of a commercial activity, any endangered wildlife.

(f) Sale or offer for sale. (1) It is unlawful to sell or to offer for sale in interstate or foreign commerce any endangered wildlife.

(2) An advertisement for the sale of endangered wildlife which carries a warning to the effect that no sale may be consummated until a permit has been obtained from the U.S. Fish and Wildlife Service shall not be considered an offer for sale within the meaning of this section.

(g) Captive-bred wildlife. (1) Notwithstanding paragraphs (b), (c), (e) and (f) of this section, any person may take, export or re-import; deliver, receive, carry, transport or ship in interstate or foreign commerce, in the course of a commercial activity; or sell or offer for sale in interstate or foreign commerce any endangered wildlife that is bred in captivity in the United States provided either that the wildlife is of a taxon listed in paragraph (g)(6) of this section, or that the following conditions are met:

(i) The wildlife is of a species having a natural geographic distribution not including any part of the United States, or the wildlife is of a species that the Director has determined to be eligible in accordance with paragraph (g)(5) of this section;

(ii) The purpose of such activity is to enhance the propagation or survival of the affected species;

(iii) Such activity does not involve interstate or foreign commerce, in the course of a commercial activity, with respect to non-living wildlife;

(iv) Each specimen of wildlife to be re-imported is uniquely identified by a band, tattoo or other means that was reported in writing to an official of the Service at a port of export prior to export from the United States; and

(v) Any person subject to the jurisdiction of the United States who engages in any of the activities authorized by this paragraph does so in accordance with paragraphs (g)(2), (3) and (4) of this section, and with all other applicable regulations in this Subchapter B.

(2) Any person subject to the jurisdiction of the United States seeking to engage in any of the activities authorized by this paragraph must first register with the Service (Office of Management Authority, U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, Arlington, Virginia 22203). Requests for registration must be submitted on an official application form (Form 3-200-41) provided by the Service, and must include the following information:

(i) The types of wildlife sought to be covered by the registration, identified by common and scientific name to the taxonomic level of family, genus or species;

(ii) A description of the applicant's experience in maintaining and propagating the types of wildlife sought to be covered by the registration, and when appropriate, in conducting research directly related to maintaining and propagating such wildlife;

(iii) Photograph(s) or other evidence clearly depicting the facilities where such wildlife will be maintained; and
(iv) a copy of the applicant's license or registration, if any, under the animal welfare regulations of the U.S. Department of Agriculture (9 CFR part 2).

(3) Upon receiving a complete application, the Director will decide whether or not the registration will be approved. In making this decision, the Director will consider, in addition to the general criteria in §13.21(b) of this subchapter, whether the expertise, facilities or other resources available to the applicant appear adequate to enhance the propagation or survival of the affected wildlife. Public education activities may not be the sole basis to justify issuance of a registration or to otherwise establish eligibility for the exception granted in paragraph (g)(1) of this section. Each person so registered must maintain accurate written records of activities conducted under the registration, and allow reasonable access to Service agents for inspection purposes as set forth in §§13.46 and 13.47. Each person registered must submit to the Director an individual written annual report of activities, including all births, deaths and transfers of any type.

(4) Any person subject to the jurisdiction of the United States seeking to export or conduct foreign commerce in captive-bred endangered wildlife that will not remain under the care of that person must first obtain approval by providing written evidence to satisfy the Director that the proposed recipient of the wildlife has expertise, facilities or other resources adequate to enhance the propagation or survival of such wildlife and that the proposed recipient will use such wildlife for purposes of enhancing the propagation or survival of the affected species.

(5)(i) The Director will use the following criteria to determine if wildlife of any species having a natural geographic distribution that includes any port of export prior to export of the specimen from the United States;

§ 17.21

(A) Whether there is a low demand for taking of the species from wild populations, either because of the success of captive breeding or because of other reasons, and

(B) Whether the wild populations of the species are effectively protected from unauthorized taking as a result of the inaccessibility of their habitat to humans or as a result of the effectiveness of law enforcement.

(ii) The Director will follow the procedures set forth in the Act and in the regulations thereunder with respect to petitions and notification of the public and governors of affected States when determining the eligibility of species for purposes of this paragraph.

(iii) In accordance with the criteria in paragraph (g)(5)(i) of this section, the Director has determined the following species to be eligible for the provisions of this paragraph:

Laysan duck (Anas laysanensis).

(6) Any person subject to the jurisdiction of the United States seeking to engage in any of the activities authorized by paragraph (g)(1) of this section may do so without first registering with the Service with respect to the bar-tailed pheasant (Syrmaticus humiae), Elliot's pheasant (S. elioti), Mikado pheasant (S. mikado), brown eared pheasant (Crossoptilon manchuricum), white eared pheasant (C. crossoptilon), cheer pheasant (Catreus wallichii), Edward's pheasant (Lophura edwardsi), Swinhoe's pheasant (L. swinhoei), Chinese monal (Lophophorus lhuysii), and Palawan peacock pheasant (Polyplectron emphanum); parakeets of the species Neophema pulchella and N. splendida; the Laysan duck (Anas laysanensis); the white-winged wood duck (Cairina scutulata); and the inter-subspecific crossed or "generic" tiger (Panthera tigris) (i.e., specimens not identified or identifiable as members of the Bengal, Sumatran, Siberian or Indochinese subspecies (Panthera tigris tigris, P.t. sumatrae, P.t. altaica and P.t. corbetti, respectively) provided:

(i) The purpose of such activity is to enhance the propagation or survival of the affected exempted species;

(ii) Such activity does not involve interstate or foreign commerce, in the course of a commercial activity, with respect to non-living wildlife;

(iii) Each specimen to be re-imported is uniquely identified by a band, tattoo or other means that was reported in writing to an official of the Service at a port of export prior to export of the specimen from the United States.
§ 17.21

(iv) No specimens of the taxa in this paragraph (g) of this section that were taken from the wild may be imported for breeding purposes absent a definitive showing that the need for new bloodlines can only be met by wild specimens, that suitable foreign-bred, captive individuals are unavailable, and that wild populations can sustain limited taking, and an import permit is issued under §17.22;

(v) Any permanent exports of such specimens meet the requirements of paragraph (g)(4) of this section; and

(vi) Each person claiming the benefit of the exception in paragraph (g)(1) of this section must maintain accurate written records of activities, including births, deaths and transfers of specimens, and make those records accessible to Service agents for inspection at reasonable hours as set forth in §§13.46 and 13.47.


Effective Date Note: At 63 FR 48640, Sept. 11, 1998, §17.21 was amended by revising paragraph (g), effective Oct. 13, 1998. For the convenience of the user the superseded text is set forth as follows:

§ 17.21 Prohibitions.

* * * * *

(g) Captive-bred wildlife. (1) Notwithstanding paragraphs (b), (c), (e) and (f) of this section, any person may take, import or export, deliver, receive, carry, transport or ship in interstate or foreign commerce, in the course of a commercial activity; or sell or offer for sale in interstate or foreign commerce any endangered wildlife that is bred in captivity in the United States, provided the principal purpose of these activities is to facilitate captive breeding, and provided the following conditions are met:

(i) The wildlife is a species having a natural geographic distribution not including any part of the United States, or the wildlife is a species that the Director has determined to be eligible in accordance with paragraph (g)(5) of this section;

(ii) The purpose of such activity is to enhance the propagation or survival of the affected species;

(iii) Such activity does not involve interstate or foreign commerce, in the course of a commercial activity, with respect to non-living wildlife;

(iv) Each specimen of wildlife to be imported is uniquely identified by a band, tattoo or other means that was reported in writing to an official of the Service at a port of export prior to export from the United States, and

(v) Any person subject to the jurisdiction of the United States seeking to engage in any of the activities authorized by this paragraph does so in accordance with paragraphs (g)(2), (3) and (4) of this section.

(2) Any person subject to the jurisdiction of the United States seeking to engage in any of the activities authorized by this paragraph must first register with the Service (Federal Wildlife Permit Office, U.S. Fish and Wildlife Service, Washington, DC 20240).

Requests for registration must be submitted on an official application form (Form 3-200) provided by the Service, and must include the following information:

(i) The types of wildlife sought to be covered by the registration, identified by common and scientific name to the taxonomic level of family, genus or species;

(ii) A description of the applicant’s experience in maintaining and propagating the types of wildlife sought to be covered by the registration, or in conducting research directly related to maintaining and propagating such wildlife;

(iii) A description, if appropriate, of the means by which the applicant intends to educate the public about the ecological role and conservation needs of the affected species;

(iv) Photograph(s) or other evidence clearly depicting the facilities where such wildlife will be maintained; and

(v) A copy of the applicant’s license or registration, if any, under the animal welfare regulations of the U.S. Department of Agriculture (9 CFR part 2).

(3) Upon receiving a complete application, the Director will decide whether or not the registration will be approved. In making his decision, the Director will consider, in addition to the general criteria in §13.2(b) of this subchapter, whether the expertise, facilities or other resources available to the applicant appear adequate to enhance the propagation or survival of the affected wildlife. Each person so registered must maintain accurate written records of activities conducted under the registration and must submit to the Director a written annual report of such activities.

(4) Any person subject to the jurisdiction of the United States seeking to export or conduct foreign commerce in captive-bred endangered wildlife which will not remain under the care of that person must first obtain approval by providing written evidence to satisfy the Director that the proposed recipient of the wildlife has expertise, facilities or other resources adequate to enhance the propagation or survival of such wildlife.
§ 17.22 Permits for scientific purposes, enhancement of propagation or survival, or for incidental taking.

Upon receipt of a complete application, the Director may issue a permit authorizing any activity otherwise prohibited by §17.21, in accordance with the issuance criteria of this section, for scientific purposes, for enhancing the propagation or survival, or for the incidental taking of endangered wildlife. Such permits may authorize a single transaction, a series of transactions, or a number of activities over a specific period of time. (See §17.32 for permits for threatened species.) The Director shall publish notice in the Federal Register of each application for a permit that is made under this section. Each notice shall invite the submission from interested parties, within 30 days after the date of the notice, of written data, views, or arguments with respect to the application. The 30-day period may be waived by the Director in an emergency situation where the life or health of an endangered animal is threatened and no reasonable alternative is available to the applicant.

Notice of any such waiver shall be published in the Federal Register within 10 days following issuance of the permit.

(a)(1) Application requirements for permits for scientific purposes or for the enhancement of propagation or survival. A person wishing to get a permit for an activity prohibited by §17.21 submits an application for activities under this paragraph. The Service provides Form 3-200 for the application to which all of the following must be attained:

(i) The common and scientific names of the species sought to be covered by the permit, as well as the number, age, and sex of such species, and the activity sought to be authorized (such as taking, exporting, selling in interstate commerce);

(ii) A statement as to whether, at the time of application, the wildlife sought to be covered by the permit (A) is still in the wild, (B) has already been removed from the wild, or (C) was born in captivity;

(iii) A resume of the applicant’s attempts to obtain the wildlife sought to be covered by the permit in a manner which would not cause the death or removal from the wild of such wildlife;

(iv) If the wildlife sought to be covered by the permit has already been removed from the wild, the country and place where such removal occurred; if the wildlife sought to be covered by the permit was born in captivity, the country and place where such wildlife was born;

(v) A complete description and address of the institution or other facility where the wildlife sought to be covered by the permit will be used, displayed, or maintained;

(vi) If the applicant seeks to have live wildlife covered by the permit, a complete description, including photographs or diagrams, of the facilities to house and/or care for the wildlife and a resume of the experience of those persons who will be caring for the wildlife;

(vii) A full statement of the reasons why the applicant is justified in obtaining a permit including the details of the activities sought to be authorized by the permit;

(viii) If the application is for the purpose of enhancement of propagation, a

and that the proposed recipient will use such wildlife for purposes of enhancing the propagation or survival of the affected species.

(5)(i) The Director shall use the following criteria to determine if wildlife of any species having a natural geographic distribution that includes any part of the United States is eligible for the provisions of this paragraph:

(A) Whether there is a low demand for taking of the species from wild populations, either because of the success of captive breeding or because of other reasons, and

(B) Whether the wild populations of the species are effectively protected from unauthorized taking as a result of the inaccessibility of their habitat to man or as a result of the effectiveness of law enforcement.

(ii) The Director shall follow the procedures set forth in section 4(b) and section 4(f)(2)(A) of the Act and in the regulations promulgated thereunder with respect to petitions and notification of the public and governors of affected States when determining the eligibility of species for purposes of this paragraph.

(iii) In accordance with the criteria in paragraph (g)(5)(i) of this section, the Director has determined the following species to be eligible for the provisions of this paragraph:

Laysan teal (Anas laysanensis).

Laysan teal (Anas laysanensis).
§ 17.22

Application requirements for permits for incidental taking. A person wishing to get a permit for an activity prohibited by §17.21(c) submits an application for activities under this paragraph. The Service provides Form 3-200 for the application to which all of the following must be attached:

(i) A complete description of the activity sought to be authorized;
(ii) The common and scientific names of the species sought to be covered by the permit, as well as the number, age, and sex of such species, if known;
(iii) A conservation plan that specifies:
   (A) The impact that will likely result from such taking;
   (B) What steps the applicant will take to monitor, minimize, and mitigate such impacts, the funding that will be available to implement such steps, and the procedures to be used to deal with unforeseen circumstances;
   (C) What alternative actions to such taking the applicant considered and the reasons why such alternatives are not proposed to be utilized; and
   (D) Such other measures that the Director may require as being necessary or appropriate for purposes of the plan;
(2) Issuance criteria. Upon receiving an application completed in accordance with paragraph (b)(1) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:
(i) Whether the purpose for which the permit is required is adequate to justify removing from the wild or otherwise changing the status of the wildlife sought to be covered by the permit;
(ii) The probable direct and indirect effect which issuing the permit would have on the wild populations of the wildlife sought to be covered by the permit;
(iii) Whether the permit, if issued, would in any way, directly or indirectly, conflict with any known program intended to enhance the survival probabilities of the population from which the wildlife sought to be covered by the permit was or would be removed;
(iv) Whether the purpose for which the permit is required would be likely to reduce the threat of extinction facing the species of wildlife sought to be covered by the permit;
(v) The opinions or views of scientists or other persons or organizations having expertise concerning the wildlife or other matters germane to the application; and
(vi) Whether the expertise, facilities, or other resources available to the applicant appear adequate to successfully accomplish the objectives stated in the application.
(3) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this paragraph shall be subject to the special condition that the escape of living wildlife covered by the permit shall be immediately reported to the Service office designated in the permit.
(4) Duration of permits. The duration of permits issued under this paragraph shall be designated on the face of the permit.
amount of listed species habitat that is involved and the degree to which listed species and their habitats are affected.

(3) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this paragraph shall contain such terms and conditions as the Director deems necessary or appropriate to carry out the purposes of the permit and the conservation plan including, but not limited to, monitoring and reporting requirements deemed necessary for determining whether such terms and conditions are being complied with. The Director shall rely upon existing reporting requirements to the maximum extent practicable.

(4) Duration of permits. The duration of permits issued under this paragraph shall be sufficient to provide adequate assurances to the permittee to commit funding necessary for the activities authorized by the permit, including conservation activities and land use restrictions. In determining the duration of a permit, the Director shall consider the duration of the planned activities, as well as the possible positive and negative effects associated with permits of the proposed duration on listed species, including the extent to which the conservation plan will enhance the habitat of listed species and increase the long-term survivability of such species.

(5) Assurances provided to permittee in case of changed or unforeseen circumstances. The assurances in this paragraph (b)(5) apply only to incidental take permits issued in accordance with paragraph (b)(2) of this section where the conservation plan is being properly implemented, and apply only with respect to species adequately covered by the conservation plan. These assurances cannot be provided to Federal agencies. This rule does not apply to incidental take permits issued prior to March 25, 1998. The assurances provided in incidental take permits issued prior to March 25, 1998 remain in effect, and those permits will not be revised as a result of this rulemaking.

(i) Changed circumstances provided for in the plan. If additional conservation and mitigation measures are deemed necessary to respond to changed circumstances and such measures were not provided for in the plan's operating conservation program, the Director will not require any conservation and mitigation measures in addition to those provided for in the plan without the consent of the permittee, provided the plan is being properly implemented.

(ii) Changed circumstances not provided for in the plan. If additional conservation and mitigation measures are deemed necessary to respond to changed circumstances and such measures were not provided for in the plan's operating conservation program, the Director will not require any conservation and mitigation measures in addition to those provided for in the plan without the consent of the permittee.

(iii) Unforeseen circumstances. (A) In negotiating unforeseen circumstances, the Director will not require the commitment of additional land, water, or financial compensation or additional restrictions on the use of land, water, or other natural resources beyond the level otherwise agreed upon for the species covered by the conservation plan without the consent of the permittee.

(B) If additional conservation and mitigation measures are deemed necessary to respond to unforeseen circumstances, the Director may require additional measures of the permittee where the conservation plan is being properly implemented, but only if such measures are limited to modifications within conserved habitat areas, if any, or to the conservation plan's operating conservation program for the affected species, and maintain the original terms of the conservation plan to the maximum extent possible. Additional conservation and mitigation measures will not involve the commitment of additional land, water or financial compensation or additional restrictions on the use of land, water, or other natural resources otherwise available for development or use under the original terms of the conservation plan without the consent of the permittee.

(C) The Director will have the burden of demonstrating that unforeseen circumstances exist, using the best scientific and commercial data available. These findings must be clearly documented and based upon reliable technical information regarding the status and habitat requirements of the affected species. The Director will consider, but not be limited to, the following factors:
§ 17.23 Economic hardship permits.

Upon receipt of a complete application, the Director may issue a permit authorizing any activity otherwise prohibited by §17.21, in accordance with the issuance criteria of this section in order to prevent undue economic hardship. The Director shall publish notice in the FEDERAL REGISTER of each application for a permit that is made under this section. Each notice shall invite the submission from interested parties, within 30 days after the date of the notice, of written data, views, or arguments with respect to the application. The 30-day period may be waived by the Director in an emergency situation where the life or health of an endangered animal is threatened and no reasonable alternative is available to the applicant. Notice of any such waiver shall be published in the FEDERAL REGISTER within 10 days following issuance of the permit.

(a) Application requirements. Applications for permits under this section must be submitted to the Director by the person allegedly suffering undue economic hardship because his desired activity is prohibited by §17.21. Each application must be submitted on an official application form (Form 3-200) provided by the Service, and must include, as an attachment, all of the information required in §17.22 plus the following additional information:

(1) The possible legal, economic or subsistence alternatives to the activity sought to be authorized by the permit;

(2) A full statement, accompanied by copies of all relevant contracts and...
correspondence, showing the applicant's involvement with the wildlife sought to be covered by the permit (as well as his involvement with similar wildlife), including, where applicable, that portion of applicant's income derived from the taking of such wildlife, or the subsistence use of such wildlife, during the calendar year immediately preceding either the notice in the Federal Register of review of the status of the species or of the proposal to list such wildlife as endangered, whichever is earliest;

(3) Where applicable, proof of a contract or other binding legal obligation which:

(i) Deals specifically with the wildlife sought to be covered by the permit;

(ii) Became binding prior to the date when the notice of a review of the status of the species or the notice of proposed rulemaking proposing to list such wildlife as endangered was published in the Federal Register, whichever is earlier; and

(iii) Will cause monetary loss of a given dollar amount if the permit sought under this section is not granted.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued under any of the three categories of economic hardship, as defined in section 10(b)(2) of the Act. In making his decisions, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:

(1) Whether the purpose for which the permit is being requested is adequate to justify removing from the wild or otherwise changing the status of the wildlife sought to be covered by the permit;

(2) The probable direct and indirect effect which issuing the permit would have on the wild populations of the wildlife sought to be covered by the permit;

(3) The economic, legal, subsistence, or other alternatives or relief available to the applicant;

(4) The amount of evidence that the applicant was in fact party to a contract or other binding legal obligation which;

(i) Deals specifically with the wildlife sought to be covered by the permit; and

(ii) Became binding prior to the date when the notice of a review of the status of the species or the notice of proposed rulemaking proposing to list such wildlife as endangered was published in the Federal Register, whichever is earlier.

(5) The severity of economic hardship which the contract or other binding legal obligation referred to in paragraph (b)(4) of this section would cause if the permit were denied;

(6) Where applicable, the portion of the applicant's income which would be lost if the permit were denied, and the relationship of that portion to the balance of his income;

(7) Where applicable, the nature and extent of subsistence taking generally by the applicant; and

(8) The likelihood that applicant can reasonably carry out his desired activity within one year from the date a notice is published in the Federal Register to review status of such wildlife, or to list such wildlife as endangered, whichever is earlier.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to the following special conditions:

(1) In addition to any reporting requirements contained in the permit itself, the permittee shall also submit to the Director a written report of his activities pursuant to the permit. Such report must be postmarked or actually delivered no later than 10 days after completion of the activity.

(2) The death or escape of all living wildlife covered by the permit shall be immediately reported to the Service's office designated in the permit.

(d) Duration of permits issued under this section shall be designated on the face of the permit. No permit issued under this section, however, shall be valid for more than one year from the date a notice is published in the Federal Register to review status of such wildlife, or to list such wildlife as endangered, whichever is earlier.

§ 17.31

Subpart D—Threatened Wildlife

§ 17.31 Prohibitions.

(a) Except as provided in subpart A of this part, or in a permit issued under this subpart, all of the provisions in §17.21 shall apply to threatened wildlife, except §17.21(c)(5).

(b) In addition to any other provisions of this part 17, any employee or agent of the Service, of the National Marine Fisheries Service, or of a State conservation agency which is operating a conservation program pursuant to the terms of a Cooperative Agreement with the Service in accordance with section 6(c) of the Act, who is designated by his agency for such purposes, may, when acting in the course of his official duties, take threatened species of wildlife which are covered by an approved cooperative agreement to carry out conservation programs.

(c) Whenever a special rule in §§17.40 to 17.48 applies to a threatened species, none of the provisions of paragraphs (a) and (b) of this section will apply. The special rule will contain all the applicable prohibitions and exceptions.


§ 17.32 Permits—general.

Upon receipt of a complete application the Director may issue a permit for any activity otherwise prohibited with regard to threatened wildlife. Such permit shall be governed by the provisions of this section unless a special rule applicable to the wildlife, appearing in §§17.40 to 17.48, of this part provides otherwise. Permits issued under this section must be for one of the following purposes: Scientific purposes, or the enhancement of propagation or survival, or economic hardship, or zoological exhibition, or educational purposes, or incidental taking, or special purposes consistent with the purposes of the Act. Such permits may authorize a single transaction, a series of transactions, or a number of activities over a specific period of time.

(a)(1) Application requirements for permits for scientific purposes, or the enhancement of propagation or survival, or economic hardship, or zoological exhibition, or educational purposes, or special purposes consistent with the purposes of the Act. A person wishing to get a permit for an activity prohibited by §17.31 submits an application for activities under this paragraph. The Service provides Form 3-200 for the application to which as much of the following information relating to the purpose of the permit must be attached:

(i) The Common and scientific names of the species sought to be covered by the permit, as well as the number, age, and sex of such species, and the activity sought to be authorized (such as taking, exporting, selling in interstate commerce);

(ii) A statement as to whether, at the time of application, the wildlife sought to be covered by the permit (A) is still in the wild, (B) has already been removed from the wild, or (C) was born in captivity;

(iii) A resume of the applicant's attempts to obtain the wildlife sought to be covered by the permit in a manner which would not cause the death or removal from the wild of such wildlife;

(iv) If the wildlife sought to be covered by the permit has already been removed from the wild, the country and place where such removal occurred; if the wildlife sought to be covered by permit was born in captivity, the country and place where such wildlife was born;

(v) A complete description and address of the institution or other facility where the wildlife sought to be covered by the permit will be used, displayed, or maintained;

(vi) If the applicant seeks to have live wildlife covered by the permit, a complete description, including photographs or diagrams, of the facilities to house and/or care for the wildlife and a resume of the experience of those persons who will be caring for the wildlife;

(vii) A full statement of the reasons why the applicant is justified in obtaining a permit including the details of the activities sought to be authorized by the permit;

(viii) If the application is for the purpose of enhancement of propagation, a statement of the applicant’s willingness to participate in a cooperative breeding program and to maintain or contribute data to a studbook;
(2) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a)(1) of this section, the Director will decide whether or not a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:

(i) Whether the purpose for which the permit is required is adequate to justify removing from the wild or otherwise changing the status of the wildlife sought to be covered by the permit;

(ii) The probable direct and indirect effect which issuing the permit would have on the wild populations of the wildlife sought to be covered by the permit;

(iii) Whether the permit, if issued, would in any way, directly or indirectly, conflict with any known program intended to enhance the survival probabilities of the population from which the wildlife sought to be covered by the permit was or would be removed;

(iv) Whether the purpose for which the permit is required would be likely to reduce the threat of extinction facing the species of wildlife sought to be covered by the permit;

(v) The opinions or views of scientists or other persons or organizations having expertise concerning the wildlife or other matters germane to the application; and

(vi) Whether the expertise, facilities, or other resources available to the applicant appear adequate to successfully accomplish the objectives stated in the application.

(3) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this paragraph shall be subject to the special condition that the escape of living wildlife covered by the permit shall be immediately reported to the Service office designated in the permit.

(4) Duration of permits. The duration of permits issued under this paragraph shall be designated on the face of the permit.

(b)(1) Application requirements for permits for incidental taking. (i) A person wishing to get a permit for an activity prohibited by §17.31 submits an application for activities under this paragraph.

(ii) The director shall publish notice in the Federal Register of each application for a permit that is made under this section. Each notice shall invite the submission from interested parties, within 30 days after the date of the notice, of written data, views, or arguments with respect to the application.

(iii) Each application must be submitted on an official application (Form 3-200) provided by the Service, and must include as an attachment, all of the following information:

(A) A complete description of the activity sought to be authorized;

(B) The common and scientific names of the species sought to be covered by the permit, as well as the number, age, and sex of such species, if known;

(C) A conservation plan that specifies:

(1) The impact that will likely result from such taking;

(2) What steps the applicant will take to monitor, minimize, and mitigate such impacts, the funding that will be available to implement such steps, and the procedures to be used to deal with unforeseen circumstances;

(3) What alternative actions to such taking the applicant considered and the reasons why such alternatives are not proposed to be utilized; and

(4) Such other measures that the Director may require as being necessary or appropriate for purposes of the plan.

(2) Issuance criteria. Upon receiving an application completed in accordance with paragraph (b)(1) of this section, the Director will decide whether or not a permit should be issued. The Director shall consider the general criteria in §13.21(b) of this subchapter and shall issue the permit if he finds that: (i) The taking will be incidental; (ii) the applicant will, to the maximum extent practicable, minimize and mitigate the impacts of such taking; (iii) the applicant will ensure that adequate funding for the conservation plan and procedures to deal with unforeseen circumstances will be provided; (iv) the taking will not appreciably reduce the likelihood of the survival and recovery of the species in the wild; (v) the measures, if any, required under paragraph (b)(1)(iii)(D) will be met; and (vi) he has
received such other assurances as he may require that the plan will be implemented. In making his decision, the Director shall also consider the anticipated duration and geographic scope of the applicant's planned activities, including the amount of listed species habitat that is involved and the degree to which listed species and their habitats are affected.

(3) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this paragraph shall contain such terms and conditions as the Director deems necessary or appropriate to carry out the purposes of the permit and the conservation plan including, but not limited to, monitoring and reporting requirements deemed necessary for determining whether such terms and conditions are being complied with. The Director shall rely upon existing reporting requirements to the maximum extent practicable.

(4) Duration of permits. The duration of permits issued under this paragraph shall be sufficient to provide adequate assurances to the permittee to commit funding necessary for the activities authorized by the permit, including conservation activities and land use restrictions. In determining the duration of a permit, the Director shall consider the duration of the planned activities, as well as the possible positive and negative effects associated with permits of the proposed duration on listed species, including the extent to which the conservation plan will enhance the habitat of listed species and increase the long-term survivability of such species.

(5) Assurances provided to permittee in case of changed or unforeseen circumstances. The assurances in this paragraph (b)(5) apply only to incidental take permits issued in accordance with paragraph (b)(2) of this section where the conservation plan is being properly implemented, and apply only with respect to species adequately covered by the conservation plan. These assurances cannot be provided to Federal agencies. This rule does not apply to incidental take permits issued prior to March 25, 1998. The assurances provided in incidental take permits issued prior to March 25, 1998 remain in effect, and those permits will not be revised as a result of this rulemaking.

(i) Changed circumstances provided for in the plan. If additional conservation and mitigation measures are deemed necessary to respond to changed circumstances and were provided for in the plan's operating conservation program, the Director will not require any conservation or mitigation measures in addition to those provided for in the plan without the consent of the permittee.

(ii) Changed circumstances not provided for in the plan. If additional conservation and mitigation measures are deemed necessary to respond to changed circumstances and such measures were not provided for in the plan's operating conservation program, the Director will not require any conservation and mitigation measures in addition to those provided for in the plan without the consent of the permittee.

(iii) Unforeseen circumstances. (A) In negotiating unforeseen circumstances, the Director will not require the commitment of additional land, water, or financial compensation or additional restrictions on the use of land, water, or other natural resources beyond the level otherwise agreed upon for the species covered by the conservation plan without the consent of the permittee.

(B) If additional conservation and mitigation measures are deemed necessary to respond to unforeseen circumstances, the Director may require additional measures of the permittee where the conservation plan is being properly implemented, but only if such measures are limited to modifications within conserved habitat areas, if any, or to the conservation plan's operating conservation program for the affected species, and maintain the original terms of the conservation plan to the maximum extent possible. Additional conservation and mitigation measures will not involve the commitment of additional land, water or financial compensation or additional restrictions on the use of land, water, or other natural resources otherwise available for development or use under the original terms of the conservation plan without the consent of the permittee.

(C) The Director will have the burden of demonstrating that such unforeseen
circumstances exist, using the best scientific and commercial data available. These findings must be clearly documented and based upon reliable technical information regarding the status and habitat requirements of the affected species. The Director will consider, but not be limited to, the following factors:

1. Size of the current range of the affected species;
2. Percentage of range adversely affected by the conservation plan;
3. Percentage of range conserved by the conservation plan;
4. Ecological significance of that portion of the range affected by the conservation plan;
5. Level of knowledge about the affected species and the degree of specificity of the species' conservation program under the conservation plan; and
6. Whether failure to adopt additional conservation measures would appreciably reduce the likelihood of survival and recovery of the affected species in the wild.

(6) Nothing in this rule will be construed to limit or constrain the Director, any Federal, State, local, or Tribal government agency, or a private entity, from taking additional actions at its own expense to protect or conserve a species included in a conservation plan.

§ 17.40 Special rules—mammals.

(a) [Reserved]

(b) Grizzly bear (Ursus arctos)—(1) Prohibitions. The following prohibitions apply to the grizzly bear:

(i) 

1. Taking. (A) Except as provided in paragraphs (b)(1)(i)(B) through (F) of this section, no person shall take any grizzly bear in the 48 conterminous states of the United States.

(B) Grizzly bears may be taken in self-defense or in defense of others, but such taking shall be reported, within 5 days of occurrence, to the Assistant Regional Director, Division of Law Enforcement, U.S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1490, 500 Northeast Multnomah Street, Portland, Oregon 97232 (503/231-6125 or FTS 429-6125), if occurring in Idaho or Washington, and to appropriate State and Indian Reservation Tribal authorities. Grizzly bears or their parts taken in self-defense or in defense of others shall not be possessed, delivered, carried, transported, shipped, exported, received, or sold, except by Federal, State, or Tribal authorities.

(C) Removal of nuisance bears. A grizzly bear constituting a demonstrable but non immediate threat to human safety or committing significant depredations to lawfully present livestock, crops, or beehives may be taken, but only if:

1. It has not been reasonably possible to eliminate such threat or depredation by live-capturing and releasing unharmed in a remote area the grizzly bear involved; and
2. The taking is done in a humane manner by authorized Federal, State, or Tribal authorities, and in accordance with current interagency guidelines covering the taking of such nuisance bears; and
3. The taking is reported within 5 days of occurrence to the appropriate Assistant Regional Director, Division of Law Enforcement, U.S. Fish and Wildlife Service, as indicated in paragraph (b)(1)(i)(B) of this section, and to appropriate State and Tribal authorities.

(E) Federal, State, or Tribal scientific or research activities. Federal, State, or Tribal authorities may take grizzly bears for scientific or research purposes, but only if such taking does not result in death or permanent injury to the bears involved. Such taking must be reported within 5 days of occurrence to the appropriate Assistant Regional Director, Division of Law Enforcement, U.S. Fish and Wildlife Service, as indicated in paragraph (b)(1)(i)(B) of this section, and to appropriate State and Tribal authorities.

(F) [Reserved]

(d) National Parks. The regulations of the National Park Service shall govern all taking of grizzly bears in National Parks.

§ 17.40

(ii) Unlawfully taken grizzly bears. (A) Except as provided in paragraphs (b)(1)(ii)(B) and (iv) of this section, no person shall possess, deliver, carry, transport, ship, export, receive, or sell any unlawfully taken grizzly bear. Any unlawful taking of a grizzly bear shall be reported within 5 days of occurrence to the appropriate Assistant Regional Director, Division of Law Enforcement, U.S. Fish and Wildlife Service, as indicated in paragraph (b)(1)(i)(B) of this section, and to appropriate State and Tribal authorities.

(B) Authorized Federal, State, or Tribal employees, when acting in the course of their official duties, may, for scientific or research purposes, possess, deliver, carry, transport, ship, export, or receive unlawfully taken grizzly bears.

(iii) Import or export. Except as provided in paragraphs (b)(1)(iii) (A) and (B) and (iv) of this section, no person shall import any grizzly bear into the United States.

(A) Federal, State, or Tribal scientific or research activities. Federal, State, or Tribal authorities may import grizzly bears into the United States for scientific or research purposes.

(B) Public zoological institution. Public zoological institutions (see 50 CFR 10.12) may import grizzly bears into the United States.

(iv) Commercial transactions. (A) Except as provided in paragraph (b)(1)(iv)(B) of this section, no person shall, in the course of commercial activity, deliver, receive, carry, transport, or ship in interstate or foreign commerce any grizzly bear.

(B) A public zoological institution (see 50 CFR 10.12) dealing with other public zoological institutions may sell grizzly bears or offer them for sale in interstate or foreign commerce, and may, in the course of commercial activity, deliver, receive, carry, transport, or ship grizzly bears in interstate or foreign commerce.

(v) Other violations. No person shall attempt to commit, cause to be committed, or solicit another to commit any act prohibited by paragraph (b)(1) of this section.

(2) Definitions. As used in paragraph (b) of this section:

Grizzly bear means any member of the species Ursus arctos of the 48 conterminous States of the United States, including any part, offspring, dead body, part of a dead body, or product of such species.

Grizzly bear accompanied by young means any grizzly bear having offspring, including one or more cubs, yearlings, or 2-year-olds, in its immediate vicinity.

Identified means permanently marked or documented so as to be identifiable by law enforcement officials at a subsequent date.

State, Federal or Tribal authority means an employee of State, Federal, or Indian Tribal government who, as part of his/her official duties, normally handles grizzly bears.

Young grizzly bear means a cub, yearling, or 2-year-old grizzly bear.
macaque, Macaca fuscata; Toque macaque, Macaca sinica; long-tailed langur, Presbytis potenziante; purple-faced langur, Presbytis senex; Tonkin snub-nosed langur, Pygathrix (Rhinopithecus) avunculus; and, in captivity only, chimpanzee, Pan troglodytes.

(2) The prohibitions referred to above do not apply to any live member of such species held in captivity in the United States on the effective date of the final rulemaking, or to the progeny of such animals, or to the progeny of animals legally imported into the United States after the effective date of such species held in captivity in the United States after the effective date of the final rulemaking, Provided, That the person wishing to engage in any activity which would otherwise be prohibited must be able to show satisfactory documentary or other evidence as to the captive status of the particular member of the species on the effective date of this rulemaking or that the particular member of the species was born in captivity in the United States after the effective date of this rulemaking. Identification of the particular member to a record in the International Species Inventory System (ISIS), or to a Federal, State or local government permit, shall be deemed to be satisfactory evidence. Records in the form of studbooks or inventories, kept in the normal course of business, shall be acceptable as evidence, provided that a notarized statement is inserted in such record to the effect that:

(i) The records were kept in the normal course of business prior to November 18, 1976, and accurately identify (by use of markers, tags, or other acceptable marking devices) individual animals; or

(ii) That the individual animal identified by the records was born in captivity on ______(Date).

The notarized statement in paragraph (c)(2)(i) of this section, shall be acceptable only if the notarization is dated on or before January 3, 1977. The notarized statement in paragraph (c)(2)(ii) of this section, shall be acceptable only if the notarization is dated within 15 days of the date of birth of the animal.

(3) The provisions of §§ 17.21, 17.22, and 17.23 shall apply to any individual chimpanzee (Pan troglodytes) within the historic range of the species, regardless of whether in the wild or captivity, and also shall apply to any individual chimpanzee not within this range, but which has originated within this range after the effective date of these regulations, and also shall apply to the progeny of such chimpanzee, other than to the progeny of animals legally imported into the United States after the effective date of these regulations. For the purposes of this paragraph, the historic range of the chimpanzee shall consist of the following countries: Angola, Benin, Burkina Faso, Botswana, Cameroon, Central African Republic, Congo, Cote d'Ivoire, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Liberia, Mali, Nigeria, Rwanda, Senegal, Sierra Leone, Sudan, Tanzania, Togo, Uganda, and Zaire.

(d) Gray wolf (Canis lupus) in Minnesota—(1) Zones. For purposes of these regulations, the State of Minnesota is divided into the following five zones.

ZONE 1—4,488 SQUARE MILES

Beginning at the point of intersection of United States and Canadian boundaries in Section 22, Township 71 North, Range 22 West, in Rainy Lake, then proceeding along the west side of Sections 22, 27, and 34 in said Township and Sections 3, 10, 15, 22, 27 and 34 in Township 70 North, Range 22 West and Sections 3 and 10 in Township 69 North, Range 22 West; then east along the south boundaries of Sections 10, 11, and 12 in said Township; then south along the Koochiching and St. Louis counties line to Highway 53; thence southeasterly along State Highway 53 to the junction with County Route 765; thence easterly along County Route 765 to the junction with Kabetogama Lake in Ash River Bay; thence along the south boundary of Section 33 in Township 69 North, Range 19 West, to the junction with the Moose River; thence southeasterly along the Moose River to Moose Lake; thence along the western shore of Moose Lake to the river between Moose Lake and Long Lake; thence along the said river to Long Lake; thence along the east shore of Long Lake to the drainage on the southeast side of Long Lake in NE ¼, Section 18, Township 67 North, Range 18 West; thence along the said drainage southeasterly and subsequently northeasterly to Marion Lake, the drainage being in Sections 17 and 18, Township 67 North, Range 18 West; thence along the west shoreline of Marion Lake proceeding southeasterly to the Moose Creek; thence along Moose Creek to Flap Creek; thence southeasterly along Flap Creek to the Vermilion River, thence southerly along the Vermilion River to Vermilion...
Lake; thence along the Superior National Forest boundary in a southeasterly direction through Vermilion Lake passing these points: Oak Narrows, Muskrat Channel, Soo Railroad, Pine Island, and Iron Range Railroad; thence in a westerly direction along County Route 266; thence in a southeasterly direction along the said railroad tracks to the junction with County Route 697; thence southeasterly on County Route 697 to the junction with State Highway 189; thence easterly along State Highway 189 to the junction with State Highway 1; thence easterly along State Highway 1 to the junction with the Erie Railroad tracks at Murphy City; thence westerly along County Road 203 to the railroad tracks to the junction with Lake Superior at Taconite Harbor; thence northeasterly along the North Shore of Lake Superior past the Canaadian Border; thence westerly along the Canadian Border to the point of beginning in Rainy Lake.

ZONE 2—1,856 SQUARE MILES

Beginning at the intersection of the Erie Mining Co. Railroad and State Highway 1 (Murphy City); thence southeasterly on State Highway 1 to the junction with County Road 4; thence southerly on County Road 4 to the State Snowmobile Trail (formerly the Alger-Smith Railroad); thence southwesterly to the intersection of the Old Railroad Grade and Reserve Mining Co. Railroad in Section 33 of Township 56 North, Range 9 West; thence northwesterly along the Railroad to Forest Road 207; thence westerly along Forest Road 207 to Forest Road 203; thence westerly along Forest Road 203 to the junction with County Route 2; thence in a northerly direction on County Route 2 to the junction with Forest Road 122; thence in a westerly direction along Forest Road 122 to the junction with the Duluth, Missabe and Iron Range Railroad; thence in a west direction along the said railroad tracks to the junction with County Route 14; thence in a northwesterly direction along County Route 14 to the junction with County Route 55; thence in a northerly direction along County Route 55 to the junction with County Route 44; thence in a southerly direction along County Route 44 to the junction with County Route 266; thence in a southeasterly direction along County Route 266 and subsequently in a westerly direction to the junction with County Road 44; thence in a northerly direction along County Road 44 to the junction with Township Road 2815; thence westerly along Township Road 2815 to Alden Lake; thence northwesterly across Alden Lake to the inlet of the Cloquet River; thence northerly along the Cloquet River to the junction with Carrol Trail-State Forestry Road; thence west along the Carrol Trail to the junction with County Route 4 and County Route 49; thence west along County Route 49 to the junction with the Duluth, Winnipeg and Pacific Railroad; thence in a northerly direction along said Railroad to the junction with the Whiteface River; thence in a northeasterly direction along the Whiteface River to the Whiteface Reservoir; thence along the western shore of the Whiteface Reservoir to the junction with County Route 340; thence north along County Route 340 to the junction with County Route 16; thence east along County Route 16 to the junction with State Highway 1; thence in a northerly direction along County Route 346 to the junction with County Route 569; thence along County Route 569 to the junction with County Route 565; thence in a westerly direction along County Route 565 to the junction with County Route 110; thence in a westerly direction along County Route 110 to the junction with County Route 100; thence in a north and subsequent west direction along County Route 100 to the junction with State Highway 135; thence in a northerly direction along State Highway 135 to the junction with State Highway 169 at Tower; thence in an easterly direction along the southern boundary of Zone 1 to the point of beginning of Zone 2 at the junction of the Erie Railroad Tracks and State Highway 1.

ZONE 3—3,501 SQUARE MILES

Beginning at the junction of State Highway 11 and State Highway 65; thence southeasterly along State Highway 65 to the junction with State Highway 1; thence westerly along State Highway 1 to the junction with State Highway 72; thence north along State Highway 72 to the junction with an unnumbered township road beginning in the northeast corner of Section 25, Township 155 North, Range 33 West; thence westerly along the said road for approximately seven (7) miles to the junction with SFR 95; thence westerly along SFR 95 and continuing west through the southern boundary of Sections 36 through 31, Township 155 North, Range 33 West, through Sections 36 through 31, Township 155 North, Range 35 West, through Sections 36 and 35, Township 155 North, Range 35 West, through Sections 36 and 35, Township 155 North, Range 36 West to the junction with State Highway 110; thence in a northerly direction along State Highway 110 to the junction with County Route 100; thence in a westerly direction along County Route 100 to the junction with County Route 110; thence in a northerly direction along County Route 110 to the junction with County Route 100; thence in a northerly direction along the southern boundary of Zone 1 to the point of beginning of Zone 2 at the junction of the Erie Railroad Tracks and State Highway 1.

230
with a gravel road (un-numbered County District Road) on the north side of Section 31, Township 158 North, Range 30 West; thence east on said District Road to the junction with SFR 62; thence easterly on SFR 62 to the junction with SFR 175; thence south on SFR 175 to the junction with County Route 101; thence easterly on County Route 101 to the junction with County Route 11; thence easterly on County Route 11 to the junction with State Highway 11; thence easterly on State Highway 11 to the junction with State Highway 69, the point of beginning.

ZONE 4—20,883 SQUARE MILES
Excluding Zones 1, 2 and 3, all that part of Minnesota north and east of a line beginning on State Trunk Highway 48 at the eastern boundary of the state; thence westerly along Highway 48 to Interstate Highway 35; thence northwesterly along State Trunk Highway 371 to Backus; thence westerly along State Trunk Highway 87 to U.S. Highway 71; thence northerly along U.S. 71 to State Trunk Highway 200; thence northwesterly along Highway 200, to County State Aid Highway (CSAH) 2, Clearwater County; thence northerly along CSAH 2 to Shevlin; thence along U.S. Highway 2 to Bagley; thence northerly along State Trunk Highway 92 to Gully; thence northerly along CSAH 2, Polk County, to CSAH 27, Pennington County; thence along CSAH 27 to State Trunk Highway 1; thence easterly on Highway 1 to CSAH 28, Pennington County; thence northerly along CSAH 28 to CSAH 54, Marshall County; thence northerly along CSAH 54 to Grygla; thence west and northerly along Highway 89 to Roseau; thence northerly along State Trunk Highway 310 to the Canadian border.

ZONE 5—54,603 SQUARE MILES
All that part of Minnesota south and west of the line described as the south and west border of Zone 4.
§ 17.40

REGULATORY ZONES FOR GRAY WOLF IN MINNESOTA

(ZONES 1, 2, AND 3 ARE CRITICAL HABITAT)

Zone Sizes (square miles)

Zone 1: 4,488
Zone 2: 1,856
Zone 3: 3,501
Zone 4: 20,083
Zone 5: 54,603

(2) Prohibitions. The following prohibitions apply to the gray wolf in Minnesota.

(i) Taking. Except as provided in this paragraph (d)(2)(i) of this section, no person may take a gray wolf in Minnesota.

(A) Any person may take a gray wolf in Minnesota in defense of his own life or the lives of others.

(B) Any employee or agent of the Service, any other Federal land management agency, or the Minnesota Department of Natural Resources, who is designated by his/her agency for such purposes, may, when acting in the course of his/her official duties, take a gray wolf in Minnesota without a permit if such action is necessary to:

(1) Aid a sick, injured or orphaned specimen; or

(2) Dispose of a dead specimen; or

(3) Salvage a dead specimen which may be useful for scientific study.
Designated employees or agents of the Service or the Minnesota Department of Natural Resources may take a gray wolf without a permit in Minnesota, in zones 2, 3, 4, and 5, as delineated in paragraph (d)(1) of this section, in response to depredations by a gray wolf on lawfully present domestic animals: Provided, that such taking must occur within one-half mile of the place where such depredation occurred and must be performed in a humane manner: And provided further, that any young of the year taken on or before August 1 of that year must be released.

Any employee or agent of the Service or the Minnesota Department of Natural Resources, when operating under a Cooperative Agreement with the Service signed in accordance with section 6(c) of the Endangered Species Act of 1973, who is designated by the Service or the Minnesota Department of Natural Resources for such purposes, may, when acting in the course of his or her official duties, take a gray wolf in Minnesota to carry out scientific research or conservation programs.

(ii) Export and commercial transactions. Except as may be authorized by a permit issued under §17.32, no person may sell or offer for sale in interstate commerce, import or export, or in the course of a commercial activity transport, ship, carry, deliver, or receive any Minnesota gray wolf.

(iii) Unlawfully taken wolves. No person may possess, sell, deliver, carry, transport, or ship, by any means whatsoever, a gray wolf taken unlawfully in Minnesota, except that an employee or agent of the Service, or any other Federal land management agency, or the Minnesota Department of Natural Resources, who is designated by hisher agency for such purposes, may, when acting in the course of his official duties, possess, deliver, carry, transport, or ship a gray wolf taken unlawfully in Minnesota.

(3) Permits. All permits available under §17.32 (General Permits—Threatened Wildlife) are available with regard to the gray wolf in Minnesota. All the terms and provisions of §17.32 apply to such permits issued under the authority of this paragraph (d)(3).

(e) African elephant (Loxodonta africana)—(1) Definitions. For the purposes of this paragraph (e):

(i) African elephant shall mean any member of the species Loxodonta africana, whether live or dead, and any part or product thereof.

(ii) Raw ivory means any African elephant tusk, and any piece thereof, the surface of which, polished or unpolished, is unaltered or minimally carved.

(iii) Worked ivory means any African elephant tusk, and any piece thereof, which is not raw ivory.

(iv) Lip mark area means that area of a whole African elephant tusk where the tusk emerges from the skull and which is usually denoted by a prominent ring of staining on the tusk in its natural state.

(2) Prohibitions. Except as provided in the exceptions in paragraph (e)(3) of this section, it shall be unlawful for any person to:

(i) Import or export any African elephant,

(ii) Possess, sell or offer for sale, receive, deliver, transport ship, or export any African elephant which was illegally imported into the United States,

(iii) Sell or offer for sale any sport-hunted trophy imported into the United States in violation of permit conditions.

(3) Exceptions. (i) African elephants, other than sport-hunted trophies and raw and worked ivory, may be imported or exported provided all permit requirements of 50 CFR parts 13 and 23 have been complied with.

(ii) Ivory. (A) Raw or worked ivory (other than sport-hunted trophies) may be imported only if:

(1) It is a bona fide antique of greater than 100 years of age on the day of import, or

(2) It was exported from the United States after being registered with the U.S. Fish and Wildlife Service.

(B) Worked ivory may be exported in accordance with the permit requirements of 50 CFR parts 13 and 23.

(C) Raw ivory may not be exported from the United States for commercial purposes under any circumstances.

(iii) Sport-hunted trophies may be imported into the United States provided:
§ 17.40

(A) The trophy originates in a country for which the Service has received notice of that country’s African elephant ivory quota for the year of export;

(B) All of the permit requirements of 50 CFR parts 13 and 23 have been complied with;

(C) A determination is made that the killing of the animal whose trophy is intended for import would enhance survival of the species; and

(D) The trophy is legibly marked by means of punch-dies, under a marking and registration system established by the country of origin, that includes the following information: Country of origin represented by the two-letter code established by the International Organization for Standardization (see appendix A to chapter I) followed by the registration number assigned to the last two digits of the year of registration and the weight of raw ivory to the nearest kilogram. Any mark must be placed on the lip mark area and indicated by a flash of color which serves as a background for such mark.

(f) Leopard. (1) Except as noted in paragraph (f)(2) of this section, all prohibitions of §17.31 of this part and exemptions of §17.32 of this part shall apply to the leopard populations occurring in southern Africa to the south of a line running along the borders of the following countries: Gabon/Rio Muni; Gabon/Cameroon; Congo/Cameroon; Congo/Central African Republic; Zaire/Sudan; Zaire/Central African Republic; Zaire/Sudan; Uganda/Sudan; Kenya/Sudan; Kenya/Ethiopia; Kenya/Somalia.

(2) A sport-hunted leopard trophy legally taken after the effective date of this rulemaking, from the area south of the line delineated above, may be imported into the United States without a Threatened Species permit pursuant to §17.32 of this part, provided that the applicable provisions of 50 CFR part 23 have been met.

(h) Mountain lion (Felis concolor). (1) Except as allowed in paragraphs (h)(2), (h)(3), and (h)(4) of this section, no person shall take any free-living mountain lion (Felis concolor) in Florida.

(2) A mountain lion (Felis concolor) may be taken in this area under a valid threatened species permit issued pursuant to 50 CFR 17.52.

(3) A mountain lion (Felis concolor) may be taken in Florida by an employee or designated agent of the Service or the Florida Game and Fresh Water Fish Commission for taxonomic identification or other reasons consistent with the conservation of the endangered Florida panther (Felis concolor coryi). When it has been established by the Service, in consultation with the State, that an animal in question is not a Florida panther (Felis concolor coryi) or an eastern cougar (Felis concolor couguar), such animals may be removed from the wild. The disposition of animals so taken shall be at the discretion of the Florida Game and Fresh Water Fish Commission, with the concurrence of the Fish and Wildlife Service.

(4) Take for reasons of human safety is allowed as specified under 50 CFR 17.21(c)(2) and 17.21(c)(3)(iv).

(5) Any take pursuant to paragraph (h)(4) of this section must be reported in writing to the U.S. Fish and Wildlife Service, Division of Law Enforcement, P.O. Box 3247, Arlington, Virginia 22203, within 5 days. The specimen must be retained in a suitable condition.

(g) Utah prairie dog (Cynomys parvidens). (1) Except as noted in paragraph (g)(2) of this section, all prohibitions of 50 CFR 17.31 (a) and (b), and exemptions of 50 CFR 17.32 shall apply to the Utah prairie dog.

(2) A Utah prairie dog may be taken on private land throughout its range under a permit issued by the Utah Division of Wildlife Resources, in accordance with the laws of the State of Utah, provided that such taking does not exceed 6,000 animals annually and that such taking is confined to the period from June 1 to December 31. Records on permitted take maintained by the State shall be made available to the U.S. Fish and Wildlife Service on request.

(3) If the Service receives substantive evidence that takings pursuant to paragraph (g)(2) of this section are having an effect that is inconsistent with the conservation of the Utah prairie dog, the Service may immediately prohibit or restrict such taking as appropriate for the conservation of the species.

(h) Mountain lion (Felis concolor). (1) Except as allowed in paragraphs (h)(2), (h)(3), and (h)(4) of this section, no person shall take any free-living mountain lion (Felis concolor) in Florida.

(2) A mountain lion (Felis concolor) may be taken in this area under a valid threatened species permit issued pursuant to 50 CFR 17.52.

(3) A mountain lion (Felis concolor) may be taken in Florida by an employee or designated agent of the Service or the Florida Game and Fresh Water Fish Commission for taxonomic identification or other reasons consistent with the conservation of the endangered Florida panther (Felis concolor coryi). When it has been established by the Service, in consultation with the State, that an animal in question is not a Florida panther (Felis concolor coryi) or an eastern cougar (Felis concolor couguar), such animals may be removed from the wild. The disposition of animals so taken shall be at the discretion of the Florida Game and Fresh Water Fish Commission, with the concurrence of the Fish and Wildlife Service.

(4) Take for reasons of human safety is allowed as specified under 50 CFR 17.21(c)(2) and 17.21(c)(3)(iv).

(5) Any take pursuant to paragraph (h)(4) of this section must be reported in writing to the U.S. Fish and Wildlife Service, Division of Law Enforcement, P.O. Box 3247, Arlington, Virginia 22203, within 5 days. The specimen may only be retained, disposed of, or salvaged in
§ 17.40(i)(1) and §17.31 shall not prohibit effects incidental to normal forest management activities within the historic range of the Louisiana black bear except for activities causing damage to or loss of den trees, den tree sites or candidate den trees. For purposes of this exemption, normal forest management activities are defined as those activities that support a sustained yield of timber products and wildlife habitats, thereby maintaining forestland conditions in occupied habitat. For purposes of this special rule, candidate den trees are considered to be bald cypress and tupelo gum with visible cavities, having a minimum diameter at breast height (DBH) of 36 inches, and occurring in or along rivers, lakes, streams, bayous, sloughs, or other water bodies.

(3) This express exemption for normal forest management activities provided by this special rule is subject to modification or withdrawal if the Service determines that this provision fails to further the conservation of the Louisiana black bear.

(j) Argali (Ovis ammon) in Kyrgyzstan, Mongolia, and Tajikistan—(1) Except as noted in paragraph (j)(2) of this section, all prohibitions of §17.32 shall apply to this species in Kyrgyzstan, Mongolia, and Tajikistan after the date of such notice, without a Threatened Species permit pursuant to §17.32 of this part, provided that the applicable provisions of 50 CFR part 23 have been met.

[40 FR 44415, Sept. 26, 1975]

EDITORIAL NOTE: For Federal Register citations affecting §17.40, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 17.41 Special rules—birds.

(a) Bald eagles (Haliaeetus leucocephalus) wherever listed as threatened under §17.11(h).

(1) Applicable provisions. All prohibitions and measures of §§17.31 and 17.32 shall apply to any threatened bald eagle, except that any permit issued under §21.22 or part 22 of this chapter shall be deemed to satisfy all requirements of §§17.31 and 17.32 for that authorized activity, and a second permit shall not be required under §17.32. A permit is required under §17.32 for any activity not covered by any permit issued under §21.22 or part 22 of this chapter.

(b) Coastal California gnatcatcher (Polioptila californica californica).—(1) Except as noted in paragraphs (b)(2) and (3) of this section, all prohibitions of §17.31(a) and (b) shall apply to the coastal California gnatcatcher.

Incidental take of the coastal California gnatcatcher will not be considered a violation of section 9 of the Endangered Species Act of 1973, as amended (Act), if it results from activities conducted pursuant to the State of California's Natural Community Conservation Planning Act of 1991 (NCCP).

§ 17.41 Special rules—birds.
and in accordance with a NCCP plan for the protection of coastal sage scrub habitat, prepared consistent with the State's NCCP Conservation and Process Guidelines, provided that:

(i) The NCCP plan has been prepared, approved, and implemented pursuant to California Fish and Game Code sections 2800-2840; and

(ii) The Fish and Wildlife Service (Service) has issued written concurrence that the NCCP plan meets the standards set forth in 50 CFR 17.32(b)(2). The Service shall issue its concurrence pursuant to the provisions of the Memorandum of Understanding (MOU), dated December 4, 1991, between the California Department of Fish and Game and the Service regarding coastal sage scrub natural community conservation planning in southern California. (Copies of the State's NCCP Conservation and Process Guidelines and the MOU are available from the U.S. Fish and Wildlife Service, Carlsbad Field Office, 2730 Loker Avenue West, Carlsbad, CA 92008.) The Service shall monitor the implementation of the NCCP plan and may revoke its concurrence under this paragraph (b)(2)(ii) if the NCCP plan, as implemented, fails to adhere to the standards set forth in 50 CFR 17.32(b)(2).

(3) During the period that a NCCP plan referred to in paragraph (b)(2) of this section is being prepared, incidental take of the coastal California gnatcatcher will not be a violation of section 9 of the Act if such take occurs within an area under the jurisdiction of a local government agency that is enrolled and actively engaged in the preparation of such a plan and such take results from activities conducted in accordance with the NCCP Conservation Guidelines and Process Guidelines.

(4) The Service will monitor the implementation of the NCCP Conservation and Process Guidelines as a whole, and will conduct a review every 6 months to determine whether the guidelines, as implemented, are effective in progressing toward or meeting regional and subregional conservation objectives during the interim planning period. If the Service determines that the guidelines are not effecting adequate progress toward or meeting regional and subregional conservation objectives, the Service will consult with the California Department of Fish and Game pursuant to the MOU to seek appropriate modification of the guidelines or their application as defined therein. If appropriate modification of the guidelines or their application as defined therein does not occur, the Service may revoke the interim take provisions of this special rule on a subregional or subarea basis. The Service will publish the findings for revocation in the FEDERAL REGISTER and provide for a 30-day public comment period prior to the effective date for revoking the provisions of the special rule in a particular area. Revocation would result in the reinstatement of the take prohibitions set forth under 50 CFR 17.31(a) and (b) in the affected NCCP area.

§ 17.42 Special rules—reptiles.

(a) American alligator (Alligator mississippiensis)—(1) Definitions. For purpose of this paragraph (a): "American alligator" shall mean any member of the species Alligator mississippiensis, whether alive or dead, and any part, product, egg, or offspring thereof found in captivity or the wild.

(b) Taking. No person may take any American alligator, except:

(i) Any employee or agent of the Service, any other Federal land management agency, or a State conservation agency, who is designated by the agency for such purposes, may, when acting in the course of official duties, take an American alligator.

(ii) Any person may take an American alligator in the wild, or one which was born in captivity or lawfully placed in captivity, and may deliver, receive, carry, transport, ship, sell, offer to sell, purchase, or offer to purchase such alligator in interstate or foreign commerce, by any means whatsoever and in the course of a commercial activity in accordance with the laws and regulations of the State of taking subject to the following conditions:

(A) Any hide of such alligator may be sold or otherwise transferred only in
compliance with paragraph (a)(2)(ii)(C) of this section;

(B) Any hide, meat or other part may be sold or otherwise transferred only in accordance with the laws and regulations of the State in which the taking occurs and the State in which the sale or transfer occurs;

(C) The State of taking requires hides to be tagged by State officials, or under State supervision, with a Service approved tag, a sample of which must be on file in the Federal Wildlife Permit Office (FWPO), that:

(1) Is made of permanent material,
(2) Shows State of origin, year of take, species, and is serially unique, and
(3) Cannot be opened and reused once attached to the hide.

(iii) Import/Export. Any person may import or export hides, manufactured products, meat or other parts in accordance with part 23 of this chapter.

(iv) Recordkeeping

(A) Any person not holding an import/export license issued by the Service under §14.91 and who imports, exports, or obtains permits under part 23 for the import or export of American alligator shall keep such records as are otherwise required to be maintained by all import/export licensees under §14.93(d). Such records shall be maintained as in the normal course of business, reproducible in the English language, and retained available for Service inspection for 5 years from the date of each transaction.

(B) Subject to applicable limitations of law, duly authorized Service officers at all reasonable time shall, upon notice, be afforded access to examine such records required to be kept under paragraphs (a)(2)(i)(A)(1) of this section, and an opportunity to copy such records.

(b) Green sea turtle (Chelonia mydas), loggerhead sea turtle (Caretta caretta), olive ridley sea turtle (Lepidochelys olivacea) (these do not include the populations listed as endangered in §17.11).

(1) Prohibitions. Subject to the permits allowable under the following paragraph (b)(2) of this section, all of the provisions set forth in §17.31 (which incorporate portions of §17.21) shall apply to this wildlife with the following exceptions:

(i) Section 17.21(c)(2) (self-defense) is not applicable.
(ii) In §17.21(c)(3)(i), the word “orphaned” is replaced by the word “stranded.”
(iii) Delete §17.21(c)(3)(iv) (Wildlife threatening human safety).
(iv) [Reserved]
(v) The prohibition against taking shall not apply to incidental catches, as specified in 50 CFR 227.72(e).
(vi) The prohibition against taking within the United States or the territorial sea of the United States shall not apply to subsistence taking, as specified in 50 CFR 227.72(f).

(2) Permits. (i) For those activities which come under the jurisdiction of the Service, only permits for scientific purposes, enhancement of propagation or survival, zoological exhibition or educational purposes, are available under §17.32. Procedures for issuance of permits are found in §17.32 and, for those activities which come under the jurisdiction of the National Marine Fisheries Service, subpart E of part 220. All the provisions of §17.32 apply to permits issued by the Service.

(c) Threatened crocodilians. This paragraph applies to the following species: Saltwater crocodile (Crocodylus porosus) originating in Australia (also referred to as Australian saltwater crocodile) and Nile crocodile (Crocodylus niloticus) populations listed in Appendix II of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES or Convention).

(1) Definitions of terms for purposes of this paragraph (c)—(i) Crocodilian skins means whole or partial skins, flanks, and bellies (whether salted, crusted, tanned, partially tanned, or otherwise processed).
(ii) Crocodilian parts means meat and body parts with or without skin attached (including tails, throats, feet, and back strips and other parts), except skulls.
(iii) Country of re-export means those intermediary countries that import and re-export crocodilian skins, parts, and/or products, except that those countries through which crocodilian skins, parts, and/or products are transshipped while remaining under
Customs control will not be considered to be a country of re-export.

(iv) Tagging resolution shall mean the CITES resolution entitled “Universal Tagging System for the Identification of Crocodilian Skins” and numbered Conf. 9.22 and any subsequent revisions.

(2) Prohibitions. All provisions of §17.31 (a) and (b) and §17.32 apply to Nile crocodile populations listed in Appendix I of CITES. The following prohibitions apply to saltwater crocodiles (Crocodylus porosus) originating in Australia and to all Nile crocodile (Crocodylus niloticus) populations in Appendix II of CITES:

(i) Import, export, and re-export. Except as provided in paragraph (c)(3) of this section, it is unlawful to import, export, re-export, or present for export or re-export any Nile crocodile (Crocodylus niloticus) or Australian saltwater crocodile (Crocodylus porosus) or their skins, other parts or products, without valid permits required under 50 CFR parts 17 and 23.

(ii) Commercial activity. Except as provided in paragraph (c)(3) of this section, it is unlawful to sell or offer for sale, deliver, receive, carry, transport, or ship in interstate or foreign commerce any Nile or saltwater crocodile, crocodilian skins, or other parts or products.

(iii) It is unlawful for any person subject to the jurisdiction of the United States to commit, attempt to commit, solicit to commit, or cause to be committed any acts described in paragraphs (c)(2)(i)–(iii) of this section.

(3) Exceptions. The import, export, or re-export of, or interstate or foreign commerce in live crocodiles, crocodilian skins, meat, skulls, and other parts or products may be allowed without a threatened species permit issued pursuant to 50 CFR 17.32 when the provisions in 50 CFR parts 13, 14, and 23, and the applicable paragraphs set out below have been met.

(i) Import, export, or re-export of crocodilian skins and parts. The import, export, or re-export into/from the United States of crocodilian skins and parts of Nile crocodiles listed in Appendix II of the Convention, and of saltwater crocodiles originating in Australia must meet the following conditions:

(A) All crocodilian parts must be in a transparent, sealed container, and each container imported into or presented for export or re-export from the United States after July 24, 1997,

(1) Must have a parts tag attached in such a way that opening of the container will preclude reuse of an undamaged tag,

(2) This parts tag must contain a description of the contents and total weight of the container, and

(3) This parts tag must reference the number of the CITES permit issued to allow the export or re-export of the container;

(B) Each crocodilian skin and each belly skin piece wider than 35 cm imported into or presented for export or re-export from the United States after July 24, 1996, must bear:

(i) Either an intact, uncut tag from the country of origin meeting all the requirements of the CITES tagging resolution,

(ii) or an intact, uncut tag from the country of re-export where the original tags have been lost or removed from raw, tanned, and/or finished skins. The replacement tags must meet all the requirements of the CITES tagging resolution, except showing the country of re-export in place of the country of origin, provided those re-exporting countries have implemented an administrative system for the effective matching of imports and re-exports consistent with the tagging resolution. Clearance of any shipment with more than 25 percent replacement tags requires prior consultation with the U.S. Office of Management Authority by the re-exporting country to determine whether the requirements of the tagging resolution have been observed;

(C) The same information that is on the tags must be given on the export permit for all skins or re-export certificate for whole skins and belly skin pieces wider than 35 cm or on a separate sheet, which will be considered an integral part of the document, carry the same permit or certificate number, and be validated by the government authority designated by the CITES-document issuing authority:
(D) The Convention permit or certificate must contain the following information:

(1) The country of origin, its export permit number, and date of issuance;

(2) If re-export, the country of re-export, its certificate number, and date of issuance; and

(3) If applicable, the country of previous re-export, its certificate number, and date of issuance;

(B) The country of origin and any intermediary country(s) must be effectively implementing the tagging resolution for this exception to apply. If the Service receives substantial evidence from the CITES Secretariat or other reliable sources that the tagging resolution is not being effectively implemented by a specific country, the Service will prohibit or restrict imports from such country(s) as appropriate for the conservation of the species.

(C) At the time of import, for each shipment covered by this exception, the country of origin and each country of re-export involved in the trade of a particular shipment is not subject to a Schedule III Notice of Information pertaining to all wildlife or any member of the Order Crocodylia that may prohibit or restrict imports. A listing of all countries that are subject to such a Schedule III Notice of Information will be available by writing: The Office of Management Authority, ARLSQ Room 430, 4401 N. Fairfax Drive, U.S. Fish and Wildlife Service, Arlington, Virginia, 22203.

(ii) Import, export or re-export of crocodilian products. Import, export, or re-export into or from the United States of crocodilian products of Nile crocodiles listed in Appendix II of the Convention, and saltwater crocodiles originating in Australia will be allowed without permits otherwise required by 50 CFR part 17 provided the following conditions are met:

(A) The Convention permit or certificate must contain the following information:

(1) The country of origin, its export permit number, and date of issuance;

(2) If re-export, the country of re-export, its certificate number, and date of issuance; and

(3) If applicable, the country of previous re-export, its certificate number, and date of issuance;
§ 17.42

countries into the United States without permits required by 50 CFR part 17, provided that unmounted skins bear an intact, uncut tag from the country of origin or such a tag accompanies mounted specimens in accordance with the tagging resolution.

(4) Notice of Information. Except in rare cases involving extenuating circumstances that do not adversely affect the conservation of the species, the Service will issue a Schedule III Notice of Information banning or restricting trade in specimens of crocodilians addressed in this paragraph (c) if any of the following criteria are met:

(i) The country is listed in a Notification to the Parties by the CITES Secretariat as lacking designated Management and Scientific Authorities that issue CITES documents or their equivalent.

(ii) The country is identified in any action adopted by the Parties to the Convention, the Convention’s Standing Committee, or in a Notification issued by the CITES Secretariat, whereby Parties are asked to not accept shipments of specimens of CITES-listed Species from the country in question.

(iii) The Service determines, based on information from the CITES Secretariat or other reliable sources that the country is not effectively implementing the tagging resolution.

(d) Blue-tailed mole skink (Eumeces egregius lividus) and sand skink (Neoseps reynoldsi). (1) No person shall take these species, except in accordance with applicable State fish and wildlife conservation laws and regulations for educational purposes, scientific purposes, the enhancement or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to taking of these species is also a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatever, any such species taken in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraph (c) (1) through (3) of this section.

(5) Taking of these species for purposes other than those described in paragraph (c)(1) of this section, including taking incidental to carrying out otherwise lawful activities, is prohibited except when permitted under §§17.23 and 17.32.

(e) Desert tortoise (Gopherus agassizii)—(1) Definition. For the purposes of this paragraph (e) “desert tortoise” shall mean any member of the species Gopherus agassizii, whether alive or dead, and any part, product, egg, or offspring thereof, found outside of Arizona (south and east of the Colorado River) and Mexico, regardless of natal origin or place of removal from the wild.

(2) Applicable provisions. The provisions of §17.31–17.32 shall apply to any desert tortoise subject to this paragraph (e).

(f) Bog turtle (Clemmys muhlenbergii), southern population—(1) Definitions of terms. For the purposes of this paragraph (f): Bog turtle of the southern population means any member of the species Clemmys muhlenbergii, within Georgia, North Carolina, South Carolina, Tennessee and Virginia, regardless of whether in the wild or captivity, and also applies to the progeny of any such turtle.

(2) Prohibitions. Except as provided in paragraph (f)(3) of this section, the provisions of Sec. 17.31 (a) and (b) of this part applies to bog turtles of the southern population (see also 50 CFR part 23).

(3) Take. Incidental take, that is, take that results from, but is not the purpose of, carrying out an otherwise lawful activity, does not apply to bog turtles of the southern population.

§ 17.43 Special rules—amphibians.
(a) San Marcos salamander (Eurycea nana). (1) All provisions of § 17.31 apply to this species, except that it may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(b) [Reserved]
[40 FR 44415, Sept. 26, 1975, as amended at 45 FR 47363, July 14, 1980]

§ 17.44 Special rules—fishes.
(a) Lahontan cutthroat trout, Paiute cutthroat trout, and Arizona trout (Salmo clarki henshawi, Salmo clarki seleniris, and Salmo apache). (1) All the provisions of § 17.31 apply to these species, except that they may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(b) Bayou darter (Etheostoma rubrum).
(1) All the provisions of § 17.31 apply to this species, except that they may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(c) Slender chub (Hybopsis cahni), spotfin chub (Hybopsis monacha), slackwater darter (Etheostoma boschungi), and yellowfin madtom (Noturus flavipinnis).
(1) All the provisions of § 17.31 apply to these species, except that they may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(d) Leopard darter (Percina pantherina).
(1) All provisions of § 17.31 apply to this species, except that it may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(e) Little Kern golden trout (Salmo aguabonita whitei). (1) All provisions of § 17.31 apply to this species, except that it may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(f) Greenback cutthroat trout (Salmo clarki stomias). (1) All provisions of § 17.31 apply to this species, except that it may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.

§ 17.45 Special rules—mammals.
(a) San Marcos salamander (Eurycea nana). (1) All provisions of § 17.31 apply to this species, except that it may be taken in accordance with applicable State law.
(2) Any violation of State law will also be a violation of the Act.
(b) [Reserved]
[40 FR 44415, Sept. 26, 1975, as amended at 45 FR 47363, July 14, 1980]
such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (j) (1) through (3) of this section.

(k) Niangua Darter, Etheostoma nianguae. (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances: educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (k) (1) through (3) of this section.

(l) Warner sucker (Catostomus warnerensis). (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act;

(ii) Incidental to State-permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (l) (1) through (3) of this section.

(m) Desert Dace (Eremichthys acros). (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances: For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (m) (1) through (3) of this section.

(n) Railroad Valley springfish (Crenichthys nevadae). (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances: for educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of these
regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (n) (1) through (3) of this section.

(o) Sonora chub, Gila ditaenia. (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act; or,

(ii) Incidental to State permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever any such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (o) (1) through (3) of this section.

(p) Spikedace, Meda fulgida. (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act; or,

(ii) Incidental to State permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species is also a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever any such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (p) (1) through (3) of this section.

(q) Loach minnow, Rhinichthys (=Tiaroga) cobitis. (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act or, (ii) incidental to State permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species is also a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever any such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (q) (1) through (3) of this paragraph.

(r) Pecos bluntnose shiner, Notropis simus pecosensis. (1) No person shall take the species, except in accordance with applicable State fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act; or,

(ii) Incidental to State permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to taking of this species is also a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever any such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (r) (1) through (3) of this paragraph.
§ 17.44

(ii) Incidental to State permitted recreational fishing activities, provided that the individual fish taken is immediately returned to its habitat.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to taking of this species will also be a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (r)(1) through (3) of this section.

(u) Pygmy sculpin (Cottus pygmaeus).

The City of Anniston Water Works and Sewer Board will continue to use Coldwater Spring as a municipal water supply. Pumpage may remove all spring flow in excess of 3 cubic feet per second (1,938,000 gallons per day).

(v) Gulf sturgeon (Acipenser oxyrhnchus desotoi). (1) No person shall take this species, except in accordance with applicable State fish and wildlife conservation laws and regulations for educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, or other conservation purposes consistent with the Act.

(2) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to taking of this species is also a violation of the Endangered Species Act.

(3) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any of this species taken in violation of applicable State fish and wildlife conservation laws or regulations.

(4) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (v)(1) through (3) of this section.

(5) Taking of this species for purposes other than those described in paragraph (v)(1) of this section, including taking incidental to otherwise lawful activities, is prohibited except when permitted under 50 CFR 17.32.

EDITORIAL NOTE: At 63 FR 31674, June 10, 1998, paragraph (v) was added. However, (v) already exists. The recently added paragraph follows:

(v) Bull trout (Salvelinus confluentus), Columbia River and Klamath River population segments. (1) Prohibitions. Except as noted in paragraph (v)(2) of
this section, all prohibitions of 50 CFR 17.31 and exemptions of 50 CFR 17.32 shall apply to the bull trout Columbia River and Klamath River population segments within the contiguous United States.

(2) Exceptions. No person shall take this species, except in accordance with applicable State and Native American Tribal fish and wildlife conservation laws and regulations, as constituted in all respects relevant to protection of bull trout in effect on June 10, 1998.

(3) Any violation of applicable State and Native American Tribal fish and wildlife conservation laws or regulations with respect to the taking of this species is also a violation of the Endangered Species Act.

(4) No person shall possess, sell, deliver, carry, transport, ship, import, or export, any means whatsoever, any such species taken in violation of this section or in violation of applicable State and Native American Tribal fish and game laws and regulations.

(5) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (v) (2) through (4) of this section.

[40 FR 44415, Sept. 26, 1975]

EDITORIAL NOTE: For Federal Register citations to §17.44, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 17.45 Special rules—snails and clams. [Reserved]

§ 17.46 Special rules—crustaceans.

(a) Madison Cave isopod (Antrolana lira). (1) All provisions of §17.31 (a) and (b) apply to this species except that it may be taken for scientific purposes without Federal permits issued pursuant to these regulations: Provided, that all other Federal, State, or local laws, regulations, ordinances or other restrictions or limitations have been complied with.

(b) [Reserved]

[47 FR 43701, Oct. 4, 1982]

§ 17.47 [Reserved]

§ 17.48 Special rules—common sponges and other forms. [Reserved]

Subpart E—Similarity of Appearance

SOURCE: 42 FR 32377, June 24, 1977, unless otherwise noted.

§ 17.50 General.

(a) Whenever a species which is not Endangered or Threatened closely resembles an Endangered or Threatened species, such species may be treated as either Endangered or Threatened if the Director makes such determination in accordance with section 4(e) of the Act and the criteria of paragraph (b) of this section. After the Director has made such determination in accordance with the notification procedures specified in the Act, such species shall appear in the list in §17.11 (Wildlife) or §17.12 (Plants) with the notation "(S/A)" (similarity of appearance) in the "Status" column, following either a letter "E" or a letter "T" to indicate whether the species is being treated as Endangered or Threatened.

(b) In determining whether to treat a species as Endangered or Threatened due to similarity of appearance, the Director shall consider the criteria in section 4(e) of the Act, as indicated below:

(1) The degree of difficulty enforcement personnel would have in distinguishing the species, at the point in question, from an Endangered or Threatened species (including those cases where the criteria for recognition of a species are based on geographical boundaries);

(2) The additional threat posed to the Endangered or Threatened species by the loss of control occasioned because of the similarity of appearance; and

(3) The probability that so designating a similar species will substantially facilitate enforcement and further the purposes and policy of the Act.

Example 1. The ABC sparrow is Endangered wildlife. The ABD sparrow is a subspecies that is so similar to the ABC sparrow that
§ 17.51 When found outside their normal habitat, the two cannot readily be distinguished by law enforcement personnel. The ABD sparrow is listed in §17.11, after following the proper procedures as follows:

<table>
<thead>
<tr>
<th>SPECIES AND RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common name</td>
</tr>
<tr>
<td>ABC sparrow</td>
</tr>
<tr>
<td>ABD sparrow</td>
</tr>
</tbody>
</table>

Example 2. Suppose the ABC sparrow is listed as Endangered in only a portion of its range. Within the meaning of the Act, the ABC sparrow as defined by geographic boundaries is a species. The ABC sparrow which occurs beyond those boundaries is a different species, even though it is identical, except in location, to the listed species. If the criteria of this section were met, the two species would be listed as follows:

<table>
<thead>
<tr>
<th>SPECIES AND RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common name</td>
</tr>
<tr>
<td>ABC sparrow</td>
</tr>
<tr>
<td>Do</td>
</tr>
</tbody>
</table>

Example 3. The XY cactus has been determined to be an Endangered species. The XZ cactus so closely resembles the XY cactus that enforcement personnel cannot distinguish between the two. The Endangered XY cactus could be illegally sold as the non-endangered XZ species, thus posing an additional threat to the Endangered species. After following the proper procedures, the XZ cactus would be placed on the list and treated as though it was an Endangered species. This entry would appear as follows:

<table>
<thead>
<tr>
<th>SPECIES AND RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common name</td>
</tr>
<tr>
<td>XY</td>
</tr>
<tr>
<td>XZ</td>
</tr>
</tbody>
</table>

§ 17.51 Treatment as endangered or threatened.

(a) Any species listed in §17.11 or §17.12, pursuant to §17.50, shall be treated as Endangered or Threatened, as indicated in the “Status” column.

(b) All of the provisions of subparts C (Endangered Wildlife), D (Threatened Wildlife), F (Endangered Plants) or G (Threatened Plants), as appropriate, shall apply to any such species.

§ 17.52 Permits—similarity of appearance.

Upon receipt of a complete application and unless otherwise indicated in a special rule, the Director may issue permits for any activity otherwise prohibited with a species designated as Endangered or Threatened due to its similarity of appearance. Such a permit may authorize a single transaction, a series of transactions, or a number of activities over a specified period of time.

(a) Application requirements. An application for a permit under this section must be submitted to the Director by the person who wishes to engage in the prohibited activity. The permit for activities involving interstate commerce of plants must be obtained by the seller; in the case of wildlife, the permit
must be obtained by the buyer. The application must be submitted on an official application form (Form 3-200) provided by the Service, or must contain the general information and certification required by §13.12(a) of this subchapter. It must include, as an attachment, all of the following information: Documentary evidence, sworn affidavits, or other information to show species identification and the origin of the wildlife or plant in question. This information may be in the form of hunting licenses, hide seals, official stamps, export documents, bills of sales, certification, expert opinion, or other appropriate information.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making his decision, the Director shall consider, in addition to the general criteria, in §13.21(b) of this subchapter, the following factors:

(1) Whether the information submitted by the applicant appears reliable;

(2) Whether the information submitted by the applicant adequately identifies the wildlife or plant in question so as to distinguish it from any Endangered or Threatened wildlife or plant.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to the following special conditions:

(1) If indicated in the permit, a special mark, to be specified in the permit, must be applied to the wildlife or plant, and remain for the time designated in the permit;

(2) A copy of the permit or an identification label, which includes the scientific name and the permit number, must accompany the wildlife or plant or its container during the course of any activity subject to these regulations.

(d) Duration of permits. The duration of a permit issued under this section shall be designated on the face of the permit.

Subpart F—Endangered Plants

§17.61 Prohibitions.

(a) Except as provided in a permit issued pursuant to §17.62 or §17.63, it is unlawful for any person subject to the jurisdiction of the United States to commit, to attempt to commit, to solicit another to commit, or to cause to be committed, any of the acts described in paragraphs (b) through (e) of this section in regard to any Endangered plant.

(b) Import or export. It is unlawful to import or to export any Endangered plant. Any shipment in transit through the United States is an importation and an exportation, whether or not it has entered the country for customs purposes.

(c) Remove and reduce to possession. (1) It is unlawful to remove and reduce to possession any endangered plant from an area under Federal jurisdiction.

(2) Notwithstanding paragraph (c)(1) of this section, any employee or agent of the Service, any other Federal land management agency, or a State conservation agency, who is designated by that agency for such purposes, may, when acting in the course of official duties, remove and reduce to possession endangered plants from areas under Federal jurisdiction without a permit if such action is necessary to:

(i) Care for a damaged or diseased specimen;

(ii) Dispose of a dead specimen; or

(iii) Salvage a dead specimen which may be useful for scientific study.

(3) Any removal and reduction to possession pursuant to paragraph (c)(2) of this section must be reported in writing to the U.S. Fish and Wildlife Service, Division of Law Enforcement, P.O. Box 28006, Washington, DC 20005, within 5 days. The specimen may only be retained, disposed of, or salvaged in accordance with written directions from the Service.

(4) Notwithstanding paragraph (c)(1) of this section, any qualified employee or agent of a State conservation agency which is a party to a Cooperative Agreement with the Service in accordance with section 6(c) of the Act, who is designated by that agency for such
§ 17.62 Permits for scientific purposes or for the enhancement of propagation or survival.

Upon receipt of a complete application, the Director may issue a permit authorizing any activity otherwise prohibited by §17.61, in accordance with the issuance criteria of this section, for scientific purposes or for enhancing the propagation or survival of endangered plants. (See §17.72 for permits for threatened plants.) Such a permit may authorize a single transaction, a series of transactions, or a number of activities over a specified period of time.

(a) Application requirements. A person wishing to get a permit for an activity prohibited by §17.61 submits an application to conduct activities under this paragraph. For interstate commerce activities the seller gets the permit for plants coming from cultivated stock and the buyer gets the permit if the plants are taken from the wild. The Service provides application Form 3-200, or you may submit the general information and certification required by §13.12(a) of this subchapter. Application requirements differ for permits issued for plants taken from the wild (excluding seeds), seeds and cultivated plants, or herbarium specimens. You must attach the following information and any other information requested by the Director.

(1) For activities involving plants obtained from the wild (excluding seeds), provide the following information:

(i) The scientific names of the plants sought to be covered by the permit;

(ii) The estimated number of specimens sought to be covered by the permit;

(iii) The year, country, and approximate place where taking occurred or will occur;

(iv) If the activities would involve removal and reduction to possession of a plant from an area under Federal jurisdiction, the year, State, county, or any other description such as place name, township, and range designation that will precisely place the location where the proposed removal and reduction to possession will occur, the name of the Federal entity having jurisdiction over the area, and the name, title, address, and phone number of the person in charge of the area.

(v) The name and address of the institution or other facility where the plant sought to be covered by the permit will be used or maintained;

(vi) A brief description of the applicant's expertise and facilities as related to the proposed activity;

(vii) A statement of the applicant's willingness to participate in a cooperative propagation program, and to maintain or contribute data relating to such efforts; and

(viii) A statement of the reasons why the applicant is justified in obtaining the permit, including:

(A) The activities sought to be authorized by the permit and the relationship of such activities to scientific
purposes or enhancing the propagation or survival of the species; and

(B) The planned disposition of such plant upon termination of the activities sought to be authorized.

(2) For activities involving seeds and cultivated plants, provide the following information:

(i) The scientific names of the plants sought to be covered by the permit;

(ii) A statement of the applicant’s willingness to participate in a cooperative propagation program, and to maintain or contribute data relating to the success of such efforts;

(iii) A justification of the activities sought to be authorized by the permit and the relationship of such activities to scientific purposes or enhancing the propagation or survival of the species; and

(iv) If the activities would involve seeds obtained from the wild, additional information to evaluate the effects of such taking upon the reproductive potential of the species where the taking will occur.

(v) If the activities would involve removal and reduction to possession of seeds from an area under Federal jurisdiction, the year, State, county or any other description such as place name, township, and range designation that will precisely place the location where the proposed removal and reduction to possession will occur, the name of the Federal entity having jurisdiction over the area and the name, title, address, and phone number of the person in charge of the area.

(3) For importation or exportation involving the non-commercial loan, exchange, or donation of herbarium or other preserved, dried, or embedded museum specimens of any endangered species between scientists or scientific institutions, provide the following information:

(i) The name and address of the institution or other facility where the plants sought to be covered by the permit will be used or maintained; and

(ii) A justification of the activities sought to be authorized by the permit and the relationship of such activities to scientific purposes or enhancing the propagation or survival of the species.

(4) When the activity applied for involves a species also regulated by the Convention on International Trade in Endangered Species of Wild Fauna and Flora, additional requirements of §23.15(c) of this subchapter must be met. For your convenience, §23.15(c) is repeated here.

Application requirements for permits or certificates to import, export or re-export wildlife or plants listed in appendix I, II or III that are not subject to the regulations in part 17 or part 18 of this subchapter. Any person subject to the jurisdiction of the United States who wishes to get such a permit or certificate submits an application under this section to the Director, U.S. Fish and Wildlife Service, (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203. The Service provides Form 3-200 for the application to which as much of the following information relating to the purpose of the permit or certificate must be attached.

(1) The scientific and common names of the species (or taxon to the rank listed in Appendix I, II, or III) sought to be covered by the permit, the number of wildlife or plants, and the activity sought to be authorized (such as importing, exporting, re-exporting, etc.);

(2) A statement as to whether the wildlife or plant, at the time of application, (i) is living in the wild, (ii) is living, but not in the wild, or (iii) is dead;

(3) A description of the wildlife or plant, including (i) size, (ii) sex (if known), and (iii) type of goods, if it is a part or derivative;

(4) In the case of living wildlife or plants, (i) a description of the type, size, and construction of any container the wildlife or plant will be placed in during transportation, and (ii) the arrangements for watering and otherwise caring for the wildlife or plant during transportation;

(5) The name and address of the person in a foreign country to whom the wildlife or plant is to be exported from the United States, or from whom the wildlife or plant is to be imported into the United States;

(6) The country and place where the wildlife or plant was or is to be taken from the wild;

(7) In the case of wildlife or plants listed in Appendix I to be imported into the United States, (i) a statement of the purposes and details of the activities for which the wildlife or plant is to be imported; (ii) a brief resume of the technical expertise of the applicant or other persons who will care for the wildlife or plant; (iii) the name, address, and description, including diagrams or photographs, of the facility where the wildlife or plant will be maintained; and (iv) a description of all mortalities, in the two years preceding the date of this application, including
§ 17.63 Economic hardship permits.

Upon receipt of a complete application, the Director may issue a permit authorizing any activity otherwise prohibited by §17.61, in accordance with Section 10(b) of the Act and the issuance criteria of this section, in order to prevent undue economic hardship. No such exemption may be granted for the importation or exportation of a species also listed in Appendix I of the Convention on International Trade in Endangered Species of Wild Fauna and Flora, if the specimen would be used in a commercial activity.

(a) Application requirements. An application for a permit under this section must be submitted to the Director by the person allegedly suffering undue economic hardship because his desired activity is prohibited. The application must be submitted on an official application form (Form 3-200) provided by the Service, or must contain the general information and certification required by §13.12(a) of this subchapter.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making his decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:

(1) Whether the purpose for which the permit is requested will enhance the survival of the species in the wild;

(2) Whether the purpose for which the permit is requested will enhance the propagation of the species;

(3) The opinions or views of scientists or other persons or organizations having expertise concerning the plant or other matters germane to the application; and

(4) Whether the expertise, facilities, or other resources available to the applicant appear adequate to successfully accomplish the objectives stated in the application.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to the following special conditions:

(1) If requested, the permittee shall submit to the Director a written report of the activities authorized by the permit. Such report must be postmarked by the date specified in the permit or otherwise requested by the Director.

(2) A copy of the permit or an identification label, which includes the scientific name, the permit number, and a statement that the plant is of "wild origin" or "cultivated origin" must accompany the plant or its container during the course of any activity subject to these regulations, unless the specimens meet the special conditions referred to in paragraph (c)(3) of this section.

(3) In the case of plants that are herbarium specimens, or other preserved, dried or embedded museum specimens to be imported or exported as a non-commercial loan, exchange or donation between scientists or scientific institutions, the names and addresses of the consignor and consignee must be on each package or container. A description such as "herbarium specimens" and the code letters assigned by the Service to the scientists or scientific institution must be entered on the Customs declaration form affixed to each package or container. If the specimens are of taxa also regulated by the Convention on International Trade in Endangered Species of Wild Fauna and Flora, the letters "CITES" (acronym for the Convention) also must be entered on the Customs declaration form, as indicated in §23.15(e)(3) of this subchapter.

(d) Duration of permit. The duration of a permit issued under this section shall be designated on the face of the permit.

It must include, as an attachment, all of the information required in §17.62 plus the following additional information.

(1) The possible legal or economic alternatives to the activity sought to be authorized by the permit.

(2) A full statement, accompanied by copies of all relevant correspondence, showing the applicant's involvement with the plant sought to be covered by the permit (as well as his involvement with similar plants). The applicant should include information on that portion of his income derived from activities involving such plants in relation to the balance of his income during the calendar year immediately preceding either the Federal Register notice of review of the status of the species or proposed rulemaking to list the species as Endangered, whichever is earlier.

(3) Where applicable, proof of a contract or other binding legal obligation which:

(i) Deals specifically with the plant sought to be covered by the permit; and

(ii) Became binding prior to the date of the Federal Register notice of review of the status of the species or proposed rulemaking to list the species as endangered, whichever is earlier;

(4) The severity of economic hardship which the contract or other binding legal obligation referred to in paragraph (b)(3) of this section would cause if the permit were denied;

(5) Where applicable, the portion of the applicant's income which would be lost if the permit were denied, and the relationship of that portion to the balance of his income.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued for economic hardship, as defined in section 10(b) of the Act. In making his decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:

(1) Whether the purpose for which the permit is requested will significantly affect the survival of the species in the wild;

(2) The economic, legal, or other alternatives or relief available to the applicant;

(3) The amount of evidence that the applicant was in fact party to a contract or other binding legal obligation which:

(i) Deals specifically with the plant sought to be covered by the permit; and

(ii) Became binding prior to the date of the Federal Register notice of review of the status of the species or proposed rulemaking to list the species as endangered, whichever is earlier;

(4) The severity of economic hardship which the contract or other binding legal obligation referred to in paragraph (b)(3) of this section would cause if the permit were denied;

(5) Where applicable, the portion of the applicant's income which would be lost if the permit were denied, and the relationship of that portion to the balance of his income.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section may be subject to any of the following special conditions:

(1) If requested, the permittee shall submit to the Director a written report of the activities authorized by the permit. Such report must be postmarked by the date specified in the permit or otherwise requested by the Director.

(2) If requested, the permittee shall report to the Service's office designated in the permit the death, destruction or loss of all living plants covered by the permit. Such report must be postmarked by the date specified in the permit or otherwise requested by the Director.

(d) Duration of permit. The duration of a permit issued under this section shall be designated on the face of the permit. No permit issued under this section shall be valid for more than one year from the date of the Federal Register notice of review of the status of the species or proposed rulemaking to list the species as endangered, whichever is earlier.

[44 FR 54060, Sept. 18, 1979]
§ 17.72

Permits—general.

Upon receipt of a complete application, the Director may issue a permit authorizing any activity otherwise prohibited with regard to threatened plants. The permit shall be governed by the provisions of this section unless a special rule applicable to the plant is provided in §§17.73 to 17.78. A permit issued under this section must be for one of the following: scientific purposes, the enhancement of the propagation or survival of threatened species, economic hardship, botanical or horticultural exhibition, educational purposes, or other activities consistent with the purposes and policy of the Act. Such a permit may authorize a single transaction, a series of transactions, or a number of activities over a specified period of time.

(a) Application requirements. A person wishing to get a permit for an activity prohibited by §17.71 submits an application to conduct activities under this paragraph. For interstate commerce activities the seller gets the permit for plants coming from cultivated stock and the buyer gets the permit if the plants are taken from the wild. The Service provides Form 3-200 for the application or you may submit the general information and certification required by §13.12(a) of this subchapter. Application requirements differ for permits issued for plants taken from the wild (excluding seeds), seeds and cultivated plants, or herbarium specimens. You must attach the following information and any other information requested by the Director.

(i) The scientific names of the plants sought to be covered by the permit;

(ii) The estimated number of specimens sought to be covered by the permit;

(iii) The year, country, and approximate place where taking occurred or will occur;

(iv) If the activities would involve removal and reduction to possession of a plant from an area under Federal jurisdiction those threatened species of plants which are covered by an approved Cooperative Agreement to carry out conservation programs.

(c) Whenever a special rule in §§17.73 to 17.78 applies to a threatened species, none of the provisions of paragraph (a) of this section will apply. The special rule will contain all the applicable prohibitions and exceptions. If indicated by special rule, the exception for seeds in paragraph (a) of this section shall not apply to the threatened species.

[42 FR 32380, June 24, 1977, as amended at 50 FR 39691, Sept. 30, 1985]
plants, provide the following information:
   (i) The scientific names of the plants sought to be covered by the permit;
   (ii) A statement of the applicant’s willingness to participate in a cooperative propagation program, and to maintain or contribute data relating to the success of such efforts; and
   (iii) A justification of the activities sought to be authorized by the permit and the relationship of such activities to scientific purposes, enhancing the propagation or survival of the species, or other objectives consistent with the purposes and policy of the Act.
   (iv) If the activities would involve removal and reduction to possession of seeds from an area under Federal jurisdiction, the year, State, county, or any other description such as place name, township, and range designation that will precisely place the location where the proposed removal and reduction to possession will occur, the name of the Federal entity having jurisdiction over the area and the name, title, address, and phone number of the person in charge of the area.

3. For importation or exportation involving the non-commercial loan, exchange or donation of herbarium or other preserved, dried or embedded museum specimens of all threatened species between scientists or scientific institutions, provide the following information:
   (i) The name and address of the institution or other facility where the plants sought to be covered by the permit will be used or maintained; and
   (ii) A justification of the activities sought to be authorized by the permit and the relationship of such activities to scientific purposes, enhancing the propagation or survival of the species, or other objectives consistent with the purposes and policy of the Act.

4. When the activity applied for involves a species also regulated by the Convention on International Trade in Endangered Species of Wild Fauna and Flora, additional requirements of §23.15(c) of this subchapter must be met. For your convenience, §23.15(c) is repeated here.

Application requirements for permits or certificates to import, export or re-export wildlife or plants listed in Appendix I, II or III that are not subject to the regulations in part 17 or part 18 of this subchapter. Any person subject to the jurisdiction of the United States who wishes to get such a permit or certificate submits an application to the Director, Fish and Wildlife Service (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203. The Service provides Form 3-200 for the application to which as much of the following information relating to the purpose of the permit or certificate must be attached:

   (1) The scientific and common names of the species (or taxa to the rank listed in Appendix I, II, or III) sought to be covered by the permit, the number of wildlife or plants, and the activity sought to be authorized (such as importing, exporting, re-exporting, etc.);
   (2) A statement as to whether the wildlife or plant, at the time of application, (i) is living in the wild, (ii) is living, but not in the wild, or (iii) is dead;
   (3) A description of the wildlife or plant, including (i) size, (ii) sex (if known), and (iii) type of goods, if it is a part or derivative;
   (4) In the case of living wildlife or plants, (i) a description of the type, size, and construction of any container the wildlife or plant will be placed in during transportation, and (ii) the arrangements for watering and otherwise caring for the wildlife or plant during transportation;
   (5) The name and address of the person in a foreign country to whom the wildlife or plant is to be exported from the United States, or from whom the wildlife or plant is to be imported into the United States;
   (6) The country and place where the wildlife or plant was or is to be taken from the wild;
   (7) In the case of wildlife or plants listed in Appendix I to be imported into the United States, (i) a statement of the purposes and details of the activities for which the wildlife or plant is to be imported; (ii) a brief resume of the technical expertise of the applicant or other persons who will care for the wildlife or plant; (iii) the name, address, and description, including (such as importing, exporting, re-exporting, etc.); and
   (8) Copies of documents, sworn affidavits, or other evidence showing that either (i) the wildlife or plant was acquired prior to the date the Convention applied to it, or (ii) the wildlife or plant was bred in captivity, or artificially propagated, or was part of or derived therefrom, or (iii) the wildlife or plant...
is an herbarium specimen, or live plant material to be imported, exported, or re-exported as a noncommercial loan, donation, or exchange between scientists or scientific institutions.

(b) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a) of this section, the Director will decide whether or not a permit should be issued. In making his decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this subchapter, the following factors:

1. Whether the purpose for which the permit is requested will enhance the survival of the species in the wild;
2. Whether the purpose for which the permit is requested will enhance the propagation of the species;
3. The opinions or views of scientists or other persons or organizations having expertise concerning the plant or other matters germane to the application; and
4. Whether the expertise, facilities, or other resources available to the applicant appear adequate to successfully accomplish the objectives stated in the application.

(c) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to the following special conditions:

1. If requested, the permittee shall submit to the Director a written report of the activities authorized by the permit. Such report must be postmarked by the date specified in the permit or otherwise requested by the Director.
2. A copy of the permit or an identification label, which includes the scientific name, the permit number, and a statement that the plant is of “wild origin” or “cultivated origin” must accompany the plant or its container during the course of any activity subject to these regulations, unless the specimens meet the special conditions referred to in paragraph (c)(3) of this section.
3. In the case of plants that are herbarium specimens, or other preserved, dried, or embedded museum specimens to be imported or exported as a non-commercial loan exchange or donation between scientists or scientific institutions, the names and addresses of the consignor and consignee must be on each package or container. A description such as “herbarium specimens” and the code letters assigned by the Service to the scientist or scientific institution must be entered on the Customs declaration form affixed to each package or container. If the specimens are of taxa also regulated by the Convention on International Trade in Endangered Species of Wild Fauna and Flora, the letters “CITES” (acronym for the convention) also must be entered on the Customs declaration form as indicated in §23.15(e)(3) of this subchapter.

(d) Duration of permit. The duration of a permit issued under this section shall be designated on the face of the permit.

§§ 17.73—17.78 [Reserved]

Subpart H—Experimental Populations

SOURCE: 49 FR 33893, Aug. 27, 1984, unless otherwise noted.

§ 17.80 Definitions.

(a) The term experimental population means an introduced and/or designated population (including any off-spring arising solely therefrom) that has been so designated in accordance with the procedures of this subpart but only when, and at such times as the population is wholly separate geographically from nonexperimental populations of the same species. Where part of an experimental population overlaps with natural populations of the same species on a particular occasion, but is wholly separate at other times, specimens of the experimental population will not be recognized as such while in the area of overlap. Thus, such a population shall be treated as experimental only when the times of geographic separation are reasonably predictable; e.g., fixed migration patterns, natural or man-made barriers. A population is not treated as experimental if total separation will occur solely as a
result of random and unpredictable events.

(b) The term essential experimental population means an experimental population whose loss would be likely to appreciably reduce the likelihood of the survival of the species in the wild. All other experimental populations are to be classified as nonessential.

§ 17.81 Listing.

(a) The Secretary may designate as an experimental population a population of endangered or threatened species that has been or will be released into suitable natural habitat outside the species’ current natural range (but within its probable historic range, absent a finding by the Director in the extreme case that the primary habitat of the species has been unsuitably and irreversibly altered or destroyed), subject to the further conditions specified in this section; provided, that all designations of experimental populations must proceed by regulation adopted in accordance with 5 U.S.C. 553 and the requirements of this subpart.

(b) Before authorizing the release as an experimental population of any population (including eggs, propagules, or individuals) of an endangered or threatened species, and before authorizing any necessary transportation to conduct the release, the Secretary must find by regulation that such release will further the conservation of the species. In making such a finding the Secretary shall utilize the best scientific and commercial data available to consider:

(1) Any possible adverse effects on extant populations of a species as a result of removal of individuals, eggs, or propagules for introduction elsewhere;
(2) The likelihood that any such experimental population will become established and survive in the foreseeable future;
(3) The relative effects that establishment of an experimental population will have on the recovery of the species; and
(4) The extent to which the introduced population may be affected by existing or anticipated Federal or State actions or private activities within or adjacent to the experimental population area.

The Secretary may issue a permit under section 10(a)(1)(A) of the Act, if appropriate under the standards set out in subsections 10(d) and (j) of the Act, to allow acts necessary for the establishment and maintenance of an experimental population.

(c) Any regulation promulgated under paragraph (a) of this section shall provide:

(1) Appropriate means to identify the experimental population, including, but not limited to, its actual or proposed location, actual or anticipated migration, number of specimens released or to be released, and other criteria appropriate to identify the experimental population(s);
(2) A finding, based solely on the best scientific and commercial data available, and the supporting factual basis, on whether the experimental population is, or is not, essential to the continued existence of the species in the wild;
(3) Management restrictions, protective measures, or other special management concerns of that population, which may include but are not limited to, measures to isolate and/or contain the experimental population designated in the regulation from natural populations; and
(4) A process for periodic review and evaluation of the success or failure of the release and the effect of the release on the conservation and recovery of the species.

(d) The Fish and Wildlife Service shall consult with appropriate State fish and wildlife agencies, local governmental entities, affected Federal agencies, and affected private landowners in developing and implementing experimental population rules. When appropriate, a public meeting will be conducted with interested members of the public. Any regulation promulgated pursuant to this section shall, to the maximum extent practicable, represent an agreement between the Fish and Wildlife Service, the affected State and Federal agencies and persons holding any interest in land which may be affected by the establishment of an experimental population.
(e) Any population of an endangered species or a threatened species determined by the Secretary to be an experimental population in accordance with this subpart shall be identified by special rule in §§17.84—17.86 as appropriate and separately listed in §17.11(h) (wildlife) or §17.12(h) (plants) as appropriate.

(f) The Secretary may designate critical habitat as defined in section (3)(5)(A) of the Act for an essential experimental population as determined pursuant to paragraph (c)(2) of this section. Any designation of critical habitat for an essential experimental population will be made in accordance with section 4 of the Act. No designation of critical habitat shall be made for nonessential populations. In those situations where a portion or all of an essential experimental population overlaps with a natural population of the species during certain periods of the year, no critical habitat shall be designated for the area of overlap unless implemented as a revision to critical habitat of the natural population for reasons unrelated to the overlap itself.

§ 17.82 Prohibitions.

Any population determined by the Secretary to be an experimental population shall be treated as if it were listed as a threatened species for purposes of establishing protective regulations under section 4(d) of the Act with respect to such population. The Special rules (protective regulations) adopted for an experimental population under §17.81 will contain applicable prohibitions, as appropriate, and exceptions for that population.

§ 17.83 Interagency cooperation.

(a) Any experimental population designated for a listed species (1) determined pursuant to §17.81(c)(2) of this subpart not to be essential to the survival of that species, or (2) occurs within the National Park System or the National Wildlife Refuge System as now or hereafter constituted, shall be treated for purposes of section 7 of the Act as a threatened species. Notwithstanding the foregoing, any biological opinion prepared pursuant to section 7(b) of the Act and any agency determination made pursuant to section 7(a) of the Act shall consider any experimental and nonexperimental populations to constitute a single listed species for the purposes of conducting the analyses under such sections.

§ 17.84 Special rules—vertebrates.

(a) Delmarva Peninsula fox squirrel (Sciurus niger cinereus). (1) The Delmarva Peninsula fox squirrel population identified in paragraph (a)(6) of this section is a nonessential experimental population.

(2) No person shall take this species, except:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act and in accordance with applicable State fish and wildlife conservation laws and regulations; or

(ii) Incidental to recreational activities.

(3) Any violation of applicable State fish and wildlife conservation laws or regulations with respect to the taking of this species (other than incidental taking as described in paragraph (a)(2)(ii) of this section) will also be a violation of the Endangered Species Act.

(4) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations or the Endangered Species Act.

(5) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraph (a)(2) or (4) of this section.

(6) The site for reintroduction of Delmarva Peninsula fox squirrel is totally isolated from existing populations of
this species. The nearest extant population is in the Chincoteague National Wildlife Refuge approximately 50 miles from the reintroduction site. The reintroduction site is within the historic range of this species and is located at the Assawoman Wildlife Area, Sussex County, Delaware. Observation of previous releases has shown that fox squirrels have not traveled more than 2 or 3 miles from release sites, therefore, the possibility of this population contacting extant wild populations is unlikely.

(7) The reintroduced population will be checked periodically to determine its condition and the success of the reintroduction. Of special concern will be the establishment of breeding pairs and the reproductive success of the population. The movement patterns of the released individuals and the overall health of the population will also be observed.

(b) Colorado squawfish (Ptychocheilus lucius) and woundfin (Plagopterus argentissimus)

(1) The Colorado squawfish and woundfin populations identified in paragraph (b)(6) of this section, are experimental, nonessential populations.

(2) No person shall take the species, except in accordance with applicable State or Tribal fish and wildlife conservation laws and regulations in the following instances:

(i) For educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act; or

(ii) Incidental to otherwise lawful activities, provided that the individual fish taken, if still alive, is immediately returned to its habitat.

(3) Any violation of applicable State or Tribal fish and wildlife conservation laws or regulations with respect to the taking of this species (other than incidental taking as described in paragraph (b)(2)(ii) of this section) will also be a violation of the Endangered Species Act.

(4) No person shall possess, sell, deliver, carry, transport, ship, import, or export, by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State or Tribal fish and wildlife laws or regulations.

(5) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (b)(2) through (4) of this section.

(6) All of the sites for reintroduction of Colorado squawfish and woundfin are totally isolated from existing populations of these species. The nearest population of Colorado squawfish is above Lake Powell in the Green and Colorado Rivers, an upstream distance of at least 800 miles including 6 mainstream dams, and 200 miles of dry riverbed. Woundfin are similarly isolated (450 miles distant, 200 miles of dry streambed and 5 mainstream dams). All reintroduction sites are within the probable historic range of these species and are as follows:

Colorado Squawfish

(i) Arizona: Gila County. Salt River from Roosevelt Dam upstream to U.S Highway 60 bridge.

(ii) Arizona: Graham and Greenlee Counties. Verde River from Horseshoe Dam upstream to Perkinsville.

The lower segments of large streams which flow into these two sections of river may, from time to time, be inhabited by Colorado squawfish. Downstream movement of squawfish in these areas will be restricted by dams and upstream movement is limited by lack of suitable habitat.

Woundfin

(i) Arizona: Gila and Yavapai Counties. Verde River from backwaters of Horseshoe Reservoir upstream to Perkinsville.

(ii) Arizona: Graham and Greenlee Counties. Gila River from backwaters of San Carlos Reservoir upstream to Arizona/New Mexico Stateline.

(iii) Arizona: Greenlee County. San Francisco River from its junction with the Gila River upstream to the Arizona/New Mexico Stateline.

(iv) Arizona: Gila County. Tonto Creek, from Punkin Center upstream to Gisela.

(v) Arizona: Yavapai County. Hassayampa River, from Red Cliff upstream to Wagoner.

The movement of woundfin beyond these areas will be limited to the lower portion of larger tributaries where suitable habitat exists. Downstream movement is limited by dams, reservoirs, and dry streambed. Upstream movement from these areas is restricted due to the absence of habitat. Upstream areas are too cold and the gradient is too steep to support populations of woundfin.
(7) The reintroduced populations will be checked annually to determine their condition. A seining survey will be used to determine population expansion or contraction, reproduction success, and general health condition of the fish.

(c) Red wolf (Canis rufus). (1) The red wolf populations identified in paragraphs (c)(9)(i) and (c)(9)(ii) of this section are nonessential experimental populations.

(2) No person may take this species, except as provided in paragraphs (c)(3) through (5) and (10) of this section.

(3) Any person with a valid permit issued by the Service under §17.32 may take red wolves for educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act and in accordance with applicable State fish and wildlife conservation laws and regulations;

(4)(i) Any person may take red wolves found on private land in the areas defined in paragraphs (c)(9)(i) and (ii) of this section, Provided that such taking is not intentional or willful, or is in defense of that person’s own life or the lives of others; and that such taking is reported within 24 hours to the refuge manager (for the red wolf population defined in paragraph (c)(9)(i) of this section), the Park superintendent (for the red wolf population defined in paragraph (c)(9)(ii) of this section), or the State wildlife enforcement officer for investigation.

(ii) Any person may take red wolves found on lands owned or managed by Federal, State, or local government agencies in the areas defined in paragraphs (c)(9)(i) and (ii) of this section, Provided that such taking is incidental to lawful activities, is unavoidable, unintentional, and not exhibiting a lack of reasonable due care, or is in defense of that person’s own life or the lives of others, and that such taking is reported within 24 hours to the refuge manager (for the red wolf population defined in paragraph (c)(9)(i) of this section), the Park superintendent (for the red wolf population defined in paragraph (c)(9)(ii) of this section), or the State wildlife enforcement officer for investigation.

(iii) Any private landowner, or any other individual having his or her permission, may take red wolves found on his or her property in the areas defined in paragraphs (c)(9)(i) and (ii) of this section when the wolves are in the act of killing livestock or pets, Provided that freshly wounded or killed livestock or pets are evident and that all such taking shall be reported within 24 hours to the refuge manager (for the red wolf population defined in paragraph (c)(9)(i) of this section), the Park superintendent (for the red wolf population defined in paragraph (c)(9)(ii) of this section), or the State wildlife enforcement officer for investigation.

(iv) Any private landowner, or any other individual having his or her permission, may harass red wolves found on his or her property in the areas defined in paragraphs (c)(9)(i) and (ii) of this section, Provided that all such harassment is by methods that are not lethal or physically injurious to the red wolf and is reported within 24 hours to the refuge manager (for the red wolf population defined in paragraph (c)(9)(i) of this section), the Park superintendent (for the red wolf population defined in paragraph (c)(9)(ii) of this section), or the State wildlife enforcement officer, as noted in paragraph (c)(6) of this section for investigation.

(v) Any private landowner may take red wolves found on his or her property in the areas defined in paragraphs (c)(9)(i) and (ii) of this section after efforts by project personnel to capture such animals have been abandoned, Provided that the Service project leader or biologist has approved such actions in writing and all such taking shall be reported within 24 hours to the Service project leader or biologist, the refuge manager (for the red wolf population defined in paragraph (c)(9)(i) of this section), the Park superintendent (for the red wolf population defined in paragraph (c)(9)(ii) of this section), or the State wildlife enforcement officer for investigation.

(vi) The provisions of paragraphs (4)(i) through (v) of this section apply to red wolves found in areas outside the areas defined in paragraphs (c)(9)(i)
and (ii) of this section, with the exception that reporting of taking or harassment to the refuge manager, Park superintendent, or State wildlife enforcement officer, while encouraged, is not required.

(5) Any employee or agent of the Service or State conservation agency who is designated for such purposes, when acting in the course of official duties, may take a red wolf if such action is necessary to:

(i) Aid a sick, injured, or orphaned specimen;
(ii) Dispose of a dead specimen, or salvage a dead specimen which may be useful for scientific study;
(iii) Take an animal that constitutes a demonstrable but non-immediate threat to human safety or that is responsible for depredations to lawfully present domestic animals or other personal property, if it has not been possible to otherwise eliminate such depredation or loss of personal property, Provided That such taking must be done in a humane manner, and may involve killing or injuring the animal only if it has not been possible to eliminate such threat by live capturing and releasing the specimen unharmed on the refuge or Park;
(iv) Move an animal for genetic purposes.

(6) Any taking pursuant to paragraphs (c) (3) through (5) of this section must be immediately reported to either the Refuge Manager, Alligator River National Wildlife Refuge, Manteo, North Carolina, telephone 919/473-1131, or the Superintendent, Great Smoky Mountains National Park, Gatlinburg, Tennessee, telephone 615/436-1204. Either of these persons will determine disposition of any live or dead specimens.

(7) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations or the Endangered Species Act.

(8) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (c) (2) through (7) of this section.

(9)(i) The Alligator River reintroduction site is within the historic range of the species in North Carolina, in Dare, Hyde, Tyrrell, and Washington Counties; because of its proximity and potential conservation value, Beaufort County is also included in the experimental population designation.
(ii) The red wolf also historically occurred on lands that now comprise the Great Smoky Mountains National Park. The Park encompasses properties within Haywood and Swain Counties in North Carolina, and Blount, Cocke, and Sevier Counties in Tennessee. Graham, Jackson, and Madison Counties in North Carolina, and Monroe County in Tennessee, are also included in the experimental designation because of the close proximity of these counties to the Park boundary.
(iii) Except for the three island propagation projects and these small reintroduced populations, the red wolf is extirpated from the wild. Therefore, there are no other extant populations with which the refuge or Park experimental populations could come into contact.

(10) The reintroduced populations will be monitored closely for the duration of the project, generally using radio telemetry as appropriate. All animals released or captured will be vaccinated against diseases prevalent in canids prior to release. Any animal that is determined to be in need of special care or that moves onto lands where the landowner requests their removal will be recaptured, if possible, by Service and/or Park Service and/or designated State wildlife agency personnel and will be given appropriate care. Such animals will be released back into the wild as soon as possible, unless physical or behavioral problems make it necessary to return the animals to a captive-breeding facility.

(11) The status of the Alligator River National Wildlife Refuge project will be reevaluated by October 1, 1992, to determine future management status and needs. This review will take into account the reproductive success of the mated pairs, movement patterns of individual animals, food habits, and overall health of the population. The duration of the first phase of the Park project is estimated to be 10 to 12 years.
months. After that period, an assessment of the reintroduction potential of the Park for red wolves will be made. If a second phase of reintroduction is attempted, the duration of that phase will be better defined during the assessment. However, it is presently thought that a second phase would last for 3 years, after which time the red wolf would be treated as a resident species within the Park. Throughout these periods, the experimental and nonessential designation of the animals will remain in effect.

(d) Southern sea otter (*Enhydra lutris nereis*). (1) Definitions. The definitions set out in §17.3 apply to this paragraph (d). For purposes of this paragraph—

(i) The term defense-related agency action means an agency action proposed to be carried out directly by a military department, which does not have as its intended purpose the taking of southern sea otters. For purposes of this definition, the United States Coast Guard is not a military department.

(ii) The term management zone means that area delineated in paragraph (d)(5)(i) of this section which surrounds the translocation zone and separates the translocation zone from the existing range of the parent population and adjacent range where expansion of the parent population is necessary for the recovery of southern sea otters.

(iii) The term member of the experimental population of southern sea otters includes any southern sea otter, alive or dead, found within the translocation zone or the management zone, and any part or product of any such southern sea otter.

(iv) The term parent population means the population of southern sea otters existing along the central California coast north of the management zone.

(v) The term translocation zone means the area delineated in paragraph (d)(4)(i) of this section within which an experimental population of southern sea otters is released and contained.

(vi) The term established experimental population of southern sea otters means a translocated population that meets the following criteria: An estimated combined minimum of 150 healthy male and female sea otters residing within the translocation zone, little or no emigration into the management zone occurring, and a minimum annual recruitment to the experimental population in the translocation zone of 20 sea otters for at least 3 years of the latest 5-year period, or replacement yield sufficient to maintain the experimental population at or near carrying capacity during the post-establishment and growth phase or carrying capacity phase of the experimental population.

(vii) The term stabilized population is a population of sea otters within the translocation zone at the conclusion of the movement of animals from the parent population, except for purposes of genetic enhancement, which (A) is equal to or greater than the number of otters that were released from the holding pens alive and healthy, or 70 otters, whichever is less, and (B) is exhibiting growth. A stabilized population would represent the point at which the experimental population shifts from the transplant stage to the initial growth and reestablishment stage.

(viii) The term carrying capacity means the ecological state in which the numbers of sea otters within the translocation zone remain relatively constant and in balance with the available food supply.

(2) Description of experimental population. The experimental population of southern sea otters shall include all southern sea otters found within the translocation zone or the management zone. The Service will translocate no more than 70 southern sea otters during the first year, supplemented as necessary with up to 70 otters per year in subsequent years from the parent population to the translocation zone. Although a maximum of 250 southern sea otters may be moved from the parent population in order to establish the experimental population in the translocation zone, it is not likely that supplemental translocation after the initial 70 will involve more than small numbers of southern sea otters, although under this plan a maximum of 70 could be moved if needed in each year up to a total of 250. The majority of animals translocated each year will be weaned, immature sea otters with a sex ratio of about 4 to 1, females to males. Of the adult sea otters selected
for translocation, approximately 3 out of every 4 animals will be female.

(3) Translocation process—(i) Capture. Capture locations will be selected primarily from the southern third of the range of the parent population. Sea otters will be captured using diver-held devices, dip nets, surface entangling nets, or other methods which may be proven to be safe and effective in the future. All captured otters will be tagged and examined by a veterinarian experienced in treating marine mammals.

(ii) Transport. All animals to be translocated will be transported directly to the translocation zone or held in specially constructed holding facilities prior to their movement to the translocation zone. Access to and care of animals will be restricted to Federal and State personnel and designated agents directly involved with the translocation. Each captured animal will be placed in a carrying cage and transported by truck to the local airport, from which point they will be flown to the translocation zone. From there they will be trucked to the release site.

(iii) Release. The animals will be released directly into the wild from their transport cages, or held for up to 5 days in secured floating pens at the release site. No more than 10 individuals will be held in any pen, and adult males will be held separately. When held in floating pens the animals will be released passively by opening the floating pens and allowing animals to leave at will.

(iv) Monitoring. Monitoring will be conducted on both the parent population and the experimental population by State and Federal biologists and their designated agents. Monitoring the parent population will be done to determine the effects of removal of otters on the growth and range expansion or recession of the parent population. Monitoring of the parent population will continue at least through the translocation period and into the foreseeable future. Monitoring of the experimental population will begin with the first release of translocated otters and will continue at least until either the new population reaches the carrying capacity of the habitat and establishes an equilibrium density or the translocation is determined to have failed. Monitoring will include intensive studies of changes in key components of the nearshore ecosystem of the translocation zone including benthic organisms, kelp and finfish. Monitoring, using ground and aerial observations, will also include intensive observation and documentation of the movements, distribution, foraging and reproductive behavior, dispersal tendencies, growth and reproductive rates, prey selection, and social interactions of sea otters in the experimental population. Results of monitoring the experimental population and the parent population will also be compared and evaluated.

(v) Protection. At least two law enforcement officers will be specifically assigned, at least for the initial three- to five-year period after the actual translocation of animals, to conduct patrols and prevent illegal taking of southern sea otters in the translocation zone. Cooperative enforcement arrangements will be developed with other agencies having law enforcement activities in the area such as the U.S. Coast Guard, National Marine Fisheries Service, California Department of Fish and Game, U.S. Navy, and National Park Service to assist with protecting the experimental population.

(4) Translocation zone. (i) There is established a translocation zone for southern sea otters comprised of San Nicolas Island, Begg Rock, and the surrounding waters within the following coordinates:

N. Latitude/W. Longitude

33° 27.8'/119° 34.3''
33° 26.5'/119° 15.5''
33° 13.5'/119° 11.8''
33° 06.5'/119° 15.3''
33° 02.8'/119° 26.8''
33° 06.8'/119° 46.3''
33° 17.2'/119° 56.9''
33° 30.9'/119° 54.2''

(ii) A map depicting the translocation zone is set forth below:
(iii) Prohibitions. Except as provided in paragraph (d)(4)(iv), all of the provisions in §17.21 (a) through (f) shall apply to any member of the experimental population of southern sea otters within the translocation zone.

(iv) Exceptions. The prohibitions of paragraph (d)(4)(iii) shall not apply to:

(A) Any act by the Service, the California Department of Fish and Game, or an authorized agent of the Service or the California Department of Fish and Game that is necessary to effect the relocation or management of any southern sea otter under the provisions of this paragraph;

(B) Any act authorized by a permit issued under §17.32.

(C) Any act authorized by a permit issued under §17.32.

(5) Management zone. (i) There is established a management zone for southern sea otters comprised of all waters, islands, islets, and land areas seaward of mean high tide subject to the jurisdiction of the United States located south of Point Conception, California (34°26.9' N. Latitude), except for any area within the translocation zone delineated in paragraph (d)(4)(i) of this section.
(ii) A map depicting the management zone is set forth in paragraph (d)(4)(ii) of this section.

(iii) Prohibitions. Except as provided in paragraph (d)(5)(iv), all of the provisions in §17.21 (a) through (f) shall apply to any member of the experimental population of southern sea otters within the management zone.

(iv) Exceptions. The prohibitions of paragraph (d)(5)(iii) shall not apply to:

(A) Any act by the Service, the California Department of Fish and Game, or an authorized agent of the Service or the California Department of Fish and Game that is necessary to effect the relocation or management of any southern sea otter under the provisions of this paragraph;

(B) Any taking of a member of the experimental population of southern sea otters that is incidental to, and not the purpose of, the carrying out of an otherwise lawful activity within the management zone delineated in paragraph (d)(5)(i) of this section; or

(C) Any act authorized by a permit issued under §17.32.

(6) Containment. The following containment measures, listed in order of preference, will be employed to prevent significant emigration of southern sea otters from San Nicolas Island and occupation of habitat within the management zone:

(i) Capture of animals within the management zone for return to the experimental population or to the range of the parent population using non-lethal means. If verified sightings of one or more sea otters are made at any location within the management zone, field crews will be mobilized as soon as weather and sea conditions permit, to capture and remove the otter(s) from the zone. Capture will be done by experienced State and/or Federal personnel or other designated agents, using one or more of the same techniques used in the translocation effort, such as diver-held devices; surface entangling nets; dip nets; or other effective methods which may be developed for capturing sea otters in the future. Animals either will be flown or moved by air-conditioned van to the release site.

(ii) Artificial reduction of fecundity for some sea otters within the experimental population. [Reserved]

(iii) Selective or random, non-lethal removal of members of the experimental population within the translocation zone. [Reserved]

Containment measures will be administered by the Fish and Wildlife Service's Office of Sea Otter Management and Coordination (OSOMC), in consultation and cooperation with the California Department of Fish and Game. The OSOMC will work closely with State biologists to remove otters from the management zone. Federal funding received through the normal appropriations process will be used for research, protection, and containment of the experimental population. Grants to the State of California under 16 U.S.C. 1535, may be employed to facilitate the measures outlined above. Public donations for management and containment of the experimental population will be accepted with assistance from the National Fish and Wildlife Foundation.

(7) Effects of translocation on recovery and interagency cooperation—(i) Background. The Recovery Plan specifically describes the importance of translocation to the delisting of the southern sea otter under the Endangered Species Act. The Plan states:

Sea otter translocation, if properly designed and implemented, should provide the necessary foundation for ultimately obtaining the Recovery Plan's objective and restoring the southern sea otter to a non-threatened status and maintaining OSP by: (i) Establishing a second colony (or colonies) sufficiently distant from the present population such that a smaller portion of southern sea otters will be jeopardized in the event of a large-scale oil spill, and (ii) establishing a data base for identifying the optimal sustainable population level for the sea otter.

Thus the translocation, and establishment of a population of sea otters has been identified by the Recovery Plan as a critical action necessary for the recovery and delisting of the species. With regard to the relationship of a successful translocation to the initiation of a delisting action under the Endangered Species Act. The Plan states:

Delisting should be considered when the southern sea otter population is stable or increasing at sustainable rates in a large enough area of their original habitat that only a small proportion of the population...
would be decimated by any single natural or man-caused catastrophe. To reach this point: (1) At least one additional population of sea otters must be established outside the current population range, (2) the existing population of sea otters and its habitat must be protected, and (3) the threat from oil spills or other major environmental changes must be minimized.

The successful establishment of the experimental population to be carried out pursuant to this rule should fully satisfy the first criterion specified above from the Recovery Plan, provided that the parent population is showing sustained growth and expanding its range from its present size and distribution. However, if such growth and expansion is not occurring, the establishment of a single new population may not be sufficient to satisfy the broader criterion that the population must be increasing at a sustainable rate in a large enough area of their original habitat that only a small proportion of the population would be decimated by any single natural or man-caused catastrophe.

(ii) Effect on recovery. The translocation will not influence the legal status of the species until such time as the Service determines that the experimental population is established. Once established, other factors such as the status of the parent population and completion of other recovery tasks will be considered. If the experimental population becomes established and the other recovery tasks identified in the recovery plan for the southern sea otter are attained, the southern sea otter will be eligible for consideration for delisting in accordance with the requirements of 50 CFR 424.11(d). If a catastrophic event were to significantly diminish the parent population, the size of the experimental population would be a factor in determining whether or not the southern sea otter should remain listed as "threatened" or reclassified as "endangered," or if relisting should be considered if a delisting action had been completed.

(iii) Effect on interagency cooperation. In determining the likelihood of jeopardy or non-jeopardy opinions for proposed Federal actions that "may affect" southern sea otters, the probability of jeopardy determinations will decrease proportionally for comparable projects with comparable types of impacts as the experimental population grows from the point of being established toward the maximum number that its habitat can support, i.e., carrying capacity. Thus, there is an inverse relationship between the size of the experimental population (after being determined to be established) and the probability of jeopardy determinations associated with section 7 consultations under the Endangered Species Act for projects affecting either the parent or the experimental population. However, the status of the experimental population is not the only factor to be considered in section 7 evaluations. The status of the parent population, as well as the cumulative impacts, baseline level of threats, and effects of the action on either population, will also be taken into account. In addition to considering the size of the experimental population, the contribution that such population could make toward helping restore a damaged parent population will also be a factor that will be considered during section 7 evaluations. For section 7 purposes, once the translocated otters become stabilized and enter into the initial growth and reestablishment stage, but before meeting the criteria for an established population, the experimental population will have an existence value that will be taken into consideration both quantitatively and qualitatively. Its numbers will be added to those of the parent population for purposes of analyzing the impacts of a Federal action on the southern sea otter population. Moreover, during the initial growth and reestablishment stage, as part of the analysis of the impacts on the population as a whole, the impacts of proposed Federal actions will be analyzed to clearly determine the relative risk to each of the two populations (parent population and the experimental population).

(8) Determination of a failed translocation. The translocation would generally be considered to have failed if one or more of the following conditions exists:

(i) If, after the first year following initiation of translocation or any subsequent year, no translocated otters remain within the translocation zone and
the reasons for emigration or mortality cannot be identified and/or remedied;

(ii) If, within three years from the initial transplant, fewer than 25 otters remain in the translocation zone and the reason for emigration or mortality cannot be identified and/or remedied;

(iii) If, after two years following the completion of the transplant phase, the experimental population is declining at a significant rate and the translocated otters are not showing signs of successful reproduction (i.e., no pupping is observed); however, termination of the project under this and the previous criterion may be delayed if reproduction is occurring and the degree of dispersal into the management zone is small enough that the efforts to continue to remove otters from the management zone are acceptable to the Service and California Department of Fish and Game;

(iv) If the Service determines, in consultation with the affected State and Marine Mammal Commission, that otters are dispersing from the translocation zone and becoming established within the management zone in sufficient numbers to demonstrate that containment cannot be successfully accomplished. This standard is not intended to apply to situations in which individuals or small numbers of otters are sighted within the management zone or temporarily manage to elude capture. Instead, it is meant to be applied when it becomes apparent that, over time, otters are relocating from the translocation zone to the management zone in such numbers that: (A) An independent breeding colony is likely to become established within the management zone, or (B) they could cause economic damage to fishery resources within the management zone. It is expected that the Service could make this determination within a year provided sufficient information is available;

(v) If the health and well-being of the experimental population should become threatened to the point that the colony's continued survival is unlikely, despite the protections given to it by the Service, State, and applicable laws and regulations. An example would be if an overriding military action for national security was proposed that would threaten to devastate the colony and removal of the otters was determined to be the only viable way of preventing the loss of the individuals.

(vi) If, based on any one of these criteria, the Service concludes, after consultation with the affected State and Marine Mammal Commission, that the translocation has failed to produce a viable, contained experimental population, this rulemaking will be amended to terminate the experimental population, and all otters remaining within the translocation zone will be captured and all healthy otters will be placed back into the range of the parent population. Efforts to maintain the management zone free of otters will be curtailed after all reasonable efforts have been made to remove all otters that are still within the management zone at the time of the decision to terminate the translocated population. A joint State-Service consultation will determine when all reasonable efforts have been made and additional efforts would be futile.

(vii) Prior to declaring the translocation a failure, a full evaluation will be conducted into the probable causes of the failure. If the causes could be determined, and legal and reasonable remedial measures identified and implemented, consideration will be given to continuing to maintain the translocated population. If such reasonable measures cannot be identified and implemented, the results of the evaluation will be published in the Federal Register with a proposed rulemaking to terminate the experimental population.

(e) Yellowfin madtom (Noturus flavipinnis). (1) The yellowfin madtom population identified in paragraph (4) of this subsection is a nonessential experimental population.

(2) All prohibitions and exceptions listed in §§17.31 and 17.32 apply to the population identified in paragraph (e)(4) of this section, except that it may also be incidentally taken in accordance with applicable State laws and regulations.

(3) Any violation of State law regulating the take of this species from the population identified in paragraph...
(e)(4) of this section will also be a violation of the Endangered Species Act.

(4) This experimental population of the yellowfin madtom is found in the North Fork Holston River watershed, Washington, Smyth and Scott Counties, Virginia; South Fork Holston River watershed upstream to Ft. Patrick Henry Dam, Sullivan County, Tennessee; and the Holston River from the confluence of the North and South Forks downstream to the John Sevier Detention Lake Dam, Hawkins County, Tennessee. The reintroduction site is within the historic range of this species but it is totally isolated from existing populations of this species by large Tennessee River tributaries and reservoirs. As the species is not known to inhabit reservoirs, and it is unlikely that they could move 100 river miles through these large reservoirs, the possibility of this population contacting extant wild populations is unlikely.

(f) Guam Rail (Rallus owstoni). (1) The Guam rail population identified in paragraph (f)(7) of this section is a non-essential experimental population.

(2) No person shall take this species, except:

(i) In accordance with a valid permit issued by the Service under §17.32 for educational purposes, scientific purposes, the enhancement of propagation or survival of the species, zoological exhibition, and other conservation purposes consistent with the Act; or

(ii) As authorized by the laws and regulations of the Commonwealth of the Northern Mariana Islands, after the Service has made the determination that the experimental population has become well established and occupies all suitable habitat island-wide.

(3) Any employee of the Service, the Commonwealth of the Northern Mariana Islands Division of Fish and Wildlife, or the Guam Division of Aquatic and Wildlife Resources who is designated for such purposes, may, when acting in the course of official duties, take a Guam rail without a permit if such action is necessary to:

(i) Aid a sick, injured, or orphaned specimen;

(ii) Dispose of a dead specimen;

(iii) Salvage a dead specimen that may be useful for scientific study; or

(iv) Take an animal that is responsible for depredations to personal property if it has not been possible to otherwise eliminate such depredations and/or loss of personal property, provided that such taking must be done in a humane manner and may involve injuring or killing the bird only if it has not been possible to eliminate depredations by live capturing and releasing the specimen unharmed in other suitable habitats.

(4) Any violation of applicable Commonwealth of the Northern Mariana Islands fish and wildlife conservation laws or regulations with respect to the taking of this species (other than taking as described in paragraph (f)(2)(iii) of this section) will also be a violation of the Endangered Species Act.

(5) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any such species taken in violation of these regulations or in violation of applicable Commonwealth of the Northern Mariana Islands fish and wildlife laws or regulations or the Endangered Species Act.

(6) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (f)(2) through (5) of this section.

(7) The sites for introduction of Guam rails on Rota, Commonwealth of the Northern Mariana Islands, are on an island separated from Guam by 50 kilometers of ocean. The last known observation of an individual of this species occurred near the northern tip of Guam, which is closest to the island of Rota. No intermingling of these populations will occur since this species has been extirpated in the wild on Guam. The Rota release sites are of necessity outside the historic range of the Guam rail, as described in this regulation, because its primary range has been unsuitably and irreversibly destroyed by the brown tree snake.

(8) The nonessential experimental population on Rota will be checked periodically by staff of the Commonwealth of the Northern Mariana Islands Division of Fish and Wildlife and cooperating staff from the University of
Tennessee to determine dispersal patterns, mortality, and reproductive success. The overall success of the releases and general health of the population will also be assessed.

(g) Black-footed ferret (*Mustela nigripes*).  (1) The black-footed ferret populations identified in paragraph (g)(9)(i), (g)(9)(ii), and (g)(9)(iii), and (g)(9)(iv) of this section are nonessential experimental populations. We will manage each of these populations in accordance with their respective management plans.

(2) No person may take this species in the wild in the experimental population area, except as provided in paragraphs (g)(3), (4), (5), and (10) of this section.

(3) Any person with a valid permit issued by the U.S. Fish and Wildlife Service (Service) under section 17.32 may take black-footed ferrets in the wild in the experimental population areas.

(4) Any employee or agent of the Service or appropriate State wildlife agency designated for such purposes, acting in the course of official duties, may take a black-footed ferret in the wild in the experimental population areas if such action is necessary:

(i) For scientific purposes;

(ii) To relocate a ferret to avoid conflict with human activities;

(iii) To relocate a ferret that has moved outside the Little Snake Black-footed Ferret Management Area/Coyote Basin Primary Management Zone when removal is necessary to protect the ferret, or is requested by an affected landowner or land manager, or whose removal is requested pursuant to paragraph (g)(12) of this section;

(iv) To relocate ferrets within the experimental population area to improve ferret survival and recovery prospects;

(v) To relocate ferrets from the experimental population areas into other ferret reintroduction areas or captivity;

(vi) To aid a sick, injured, or orphaned animal; or

(vii) To salvage a dead specimen for scientific purposes.

(5) A person may take a ferret in the wild within the experimental population areas, provided such take is incidental to and not the purpose of, the carrying out of an otherwise lawful activity and if such ferret injury or mortality was unavoidable, unintentional, and did not result from negligent conduct. Such conduct is not considered intentional or "knowing take" for the purposes of this regulation, and the Service will not take legal action for such conduct. However, we will refer cases of knowing take to the appropriate authorities for prosecution.

(6) You must report any taking pursuant to paragraphs (g)(3), (4)(vi) and (vii), and (5) of this section to the appropriate Service Field Supervisor, who will determine the disposition of any live or dead specimens.


(v) Report such taking in the northwestern Colorado/northeastern Utah experimental population area to the appropriate Field Supervisor, Ecological Services, U.S. Fish and Wildlife Service, Lakewood, Colorado (telephone: 303/275-2370), or Salt Lake City, Utah (telephone: 801/524-5001).

(7) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any ferret or part thereof from the experimental populations taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations or the Endangered Species Act.

(8) It is unlawful for any person to attempt to commit, solicit another to
§ 17.84

commit, or cause to commit, any offense defined in paragraphs (g)(2) and (7) of this section.

(9) The sites for reintroduction of black-footed ferrets are within the historical range of the species.

(i) We consider the Shirley Basin/Medicine Bow Management Area on the attached map of Wyoming to be the core recovery area for this species in southeastern Wyoming. The boundaries of the nonessential experimental population are that part of Wyoming south and east of the North Platte River within Natrona, Carbon, and Albany Counties (see Wyoming map). All marked ferrets found in the wild within these boundaries prior to the first breeding season following the first year of releases constituted the nonessential experimental population during this period. All ferrets found in the wild within these boundaries during and after the first breeding season following the first year of releases comprise the nonessential experimental population thereafter.

(ii) We consider the Shirley Basin/Medicine Bow Management Area on the attached map for South Dakota to be the core recovery area for this species in southwestern South Dakota. The boundaries of the nonessential experimental population area occur north of State Highway 44 and BIA Highway 2 east of the Cheyenne River and BIA Highway 41, south of I-90, and west of State Highway 73 within Pennington, Shannon, and Jackson Counties, South Dakota. Any black-footed ferret found in the wild within these boundaries is part of the nonessential experimental population after the first breeding season following the first year of releases in the Reintroduction Area. A black-footed ferret occurring outside the experimental population area in South Dakota is considered as endangered and may be captured for genetic testing. We will dispose of the captured animal in one of the following ways if necessary:

(A) We may return an animal genetically related to the experimental population to the reintroduction area or to a captive facility.

(B) Under an existing contingency plan, we will use up to nine black-footed ferrets genetically unrelated to the experimental population in the captive-breeding program. If a landowner outside the experimental population area wishes to retain black-footed ferrets on his property, we will develop a conservation agreement or easement with the landowner.

(iii) We consider the Northcentral Montana Reintroduction Area shown on the attached map for Montana to be the core recovery area for this species in northcentral Montana. The boundaries of the nonessential experimental population are those parts of Phillips and Blaine Counties, Montana, described as the area bounded on the north beginning at the northwest corner of the Fort Belknap Indian Reservation on the Milk River; east following the Milk River to the east Phillips County line; then south along said line to the Missouri River; then west along the Missouri River to the west boundary of Phillips County; then north along said county line to the west boundary of Fort Belknap Indian Reservation; then further north along said boundary to the point of origin at the Milk River. All marked ferrets found in the wild within these boundaries prior to the first breeding season following the first year of releases constituted the nonessential experimental population during this period. All ferrets found in the wild within these boundaries during and after the first breeding season following the first year of releases comprise the nonessential experimental population thereafter. A black-footed ferret occurring outside the experimental area in Montana is initially considered as endangered but may be captured for genetic testing. We will dispose of the captured animal in one of the following ways if necessary:

(A) We may return an animal genetically related to the experimental population to the reintroduction area or to a captive facility.

(B) Under an existing contingency plan, we will use up to nine black-footed ferrets genetically unrelated to the experimental population in the captive-breeding program. If a landowner outside the experimental population area wishes to retain black-footed ferrets on his property, we will develop a
conservation agreement or easement with the landowner.

(iv) We consider the Aubrey Valley Experimental Population Area shown on the attached map for Arizona to be the core recovery area for this species in northwestern Arizona. The boundary of the nonessential experimental population area is those parts of Coconino, Mohave, and Yavapai Counties that include the Aubrey Valley west of the Aubrey Cliffs, starting from Chino Point, north along the crest of the Aubrey cliffs to the Supai Road (State Route 18), southwest along the Supai Road to Township 26 North, then west to Range 11 West, then south to the Hualapai Indian Reservation boundary, then east and northeast along the Hualapai Indian Reservation boundary to U.S. Highway Route 66; then southeast along Route 66 for approximately 6 km (2.3 miles) to a point intercepting the east boundary of section 27, Township 25 North, Range 9 West; then south along a line to where the Atchison-Topeka Railroad enters Yampa Divide Canyon; then southeast along the Atchison-Topeka Railroad alignment to the intersection of the Range 9 West/Range 8 West boundary; then south to the SE corner of section 12, Township 24 North, Range 9 West; then southeast to the half section point on the east boundary line of section 33, Township 24 North, Range 8 West; then northeast to the SE corner of section 27, Township 24 North, Range 8 West; then southeast to the SE corner Section 35, Township 24 North, Range 8 West; then southeast to the SE corner of section 8, Township 23 North, Range 7 West; then southeast to the SE corner of section 16, Township 23 North, Range 7 West; then east to the half section point of the north boundary line of section 14, Township 23 North, Range 7 West; then south to the half section point on the north boundary line of section 26, Township 23 North, Range 7 West; then east along the section line to route 66; then southeast along route 66 to the point of origin at Chino Point. Any black-footed ferrets found in the wild within these boundaries is part of the nonessential experimental population after the first breeding season following the first year of releases of ferrets into the reintroduction area. A black-footed ferret occurring outside the experimental area in Arizona is initially considered as endangered but may be captured for genetic testing. We will dispose of the captured animal in one of the following ways if necessary:

(A) We may return an animal genetically related to the experimental population to the reintroduction area or to a captive facility. If a landowner outside the experimental population area wishes to retain black-footed ferrets on his property, we will develop a conservation agreement or easement with the landowner.

(B) Under an existing contingency plan, we will use up to nine black-footed ferrets genetically unrelated to the experimental population in the captive-breeding program. If a landowner outside the experimental population area wishes to retain black-footed ferrets on his property, we will develop a conservation agreement or easement with the landowner.

(v) We consider the Little Snake Black-footed Ferret Management Area in Colorado and the Coyote Basin Black-footed Ferret Primary Management Zone in Utah as the initial recovery sites for this species within the Northwestern Colorado/Northeastern Utah Experimental Population Area (see Colorado/Utah map). The boundaries of the nonessential Experimental Population Area will be all of Moffat and Rio Blanco Counties in Colorado west of Colorado State Highway 13; all of Uintah and Duchesne Counties in Utah; and in Sweetwater County, Wyoming, the line between Range 96 and 97 West (eastern edge), Range 102 and 103 West (western edge), and Township 14 and 15 North (northern edge). All marked ferrets found in the wild within these boundaries prior to the first breeding season following the first year of release will constitute the nonessential experimental population during this period. All ferrets found in the wild within these boundaries during
and after the first breeding season following the first year of releases of ferrets into the reintroduction area will comprise the nonessential experimental population thereafter. A black-footed ferret occurring outside the Experimental Population Area is initially considered as endangered but may be captured for genetic testing. We will dispose of the captured animal in one of the following ways if necessary:

(A) We may return an animal genetically related to the experimental population to the Reintroduction Area or to a captive facility.

(B) Under an existing contingency plan, we will use up to nine black-footed ferrets genetically unrelated to the experimental population in the captive-breeding program. If a landowner outside the experimental population area wishes to retain black-footed ferrets on his property, we will develop a conservation agreement or easement with the landowner.

(10) Monitoring the reintroduced populations will occur continually during the life of the project, including the use of radio telemetry and other remote sensing devices, as appropriate. Vaccination of all released animals will occur prior to release, as appropriate, to prevent diseases prevalent in mustelids. Any animal that is sick, injured, or otherwise in need of special care may be captured by authorized personnel of the Service or appropriate State wildlife agency or their agents and given appropriate care. Such an animal may be released back to its appropriate reintroduction area or another authorized site as soon as possible, unless physical or behavioral problems make it necessary to return the animal to captivity.

(11) We will reevaluate the status of the experimental population within the first five years after the first year of release of black-footed ferrets to determine future management needs. This review will take into account the reproductive success and movement patterns of the individuals released into the area, as well as the overall health of the experimental population and the prairie dog ecosystem in the above described areas. We will propose reclassification of the black-footed ferret when we meet the appropriate recovery objectives for the species.

(12) We will not include a reevaluation of the “nonessential experimental” designation for these populations during our review of the initial five year reintroduction program. We do not foresee any likely situation justifying alteration of the nonessential experimental status of these populations. Should any such alteration prove necessary and it results in a substantial modification to black-footed ferret management on non-Federal lands, any private landowner who consented to the introduction of black-footed ferrets on their lands may rescind their consent, and at their request, we will relocate the ferrets pursuant to paragraph (g)(4)(iii) of this section.
(h) Whooping crane (Grus americana).  
(1) The whooping crane populations identified in paragraphs (h)(8)(i) and (h)(8)(ii) of this section are non-essential experimental populations.  
(2) No person may take this species in the wild in the experimental population area except when such take is accidental, unavoidable, and not the purpose of the carrying out of an otherwise lawful activity, or as provided in paragraphs (h) (3) and (4) of this section.
§ 17.84

(3) Any person with a valid permit issued by the Fish and Wildlife Service (Service) under §17.32 may take whooping cranes in the wild in the experimental population area for educational purposes, scientific purposes, the enhancement of propagation or survival of the species, and other conservation purposes consistent with the Act and in accordance with applicable State fish and wildlife conservation laws and regulations.

(4) Any employee or agent of the Service or State wildlife agency who is designated for such purposes, when acting in the course of official duties, may take a whooping crane in the wild in the experimental population area if such action is necessary to:
   (i) Relocate a whooping crane to avoid conflict with human activities;
   (ii) Relocate a whooping crane that has moved outside the Kissimmee Prairie or the Rocky Mountain range of the experimental population when removal is necessary or requested;
   (iii) Relocate whooping cranes within the experimental population area to improve survival and recovery prospects;
   (iv) Relocate whooping cranes from the experimental population area into captivity;
   (v) Aid a sick, injured, or orphaned specimen; or
   (vi) Dispose of a dead specimen, or salvage a dead specimen which may be useful for scientific study.

(5) Any taking pursuant to paragraphs (h) (3) and (4) of this section must be immediately reported to the National Whooping Crane Coordinator, U.S. Fish and Wildlife Service, P.O. Box 1306, Albuquerque, New Mexico 87103 (Phone: 505/766-2904), who, in conjunction with his counterpart in the Canadian Wildlife Service, will determine the disposition of any live or dead specimens.

(6) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any such species from the experimental population taken in violation of these regulations or in violation of applicable State fish and wildlife laws or regulations or the Endangered Species Act.

(7) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (h) (2) through (6) of this section.

(8) Geographic areas that nonessential experimental populations inhabit include the following—
   (i) The entire State of Florida. The reintroduction site will be the Kissimmee Prairie portions of Polk, Osceola, Highlands, and Okeechobee counties. Current information indicates that the Kissimmee Prairie is within the historic range of the whooping crane in Florida. There are no other extant populations of whooping cranes that could come into contact with the experimental population. The only two extant populations occur well west of the Mississippi River. The Aransas/Wood Buffalo National Park population nests in the Northwest Territories and adjacent areas of Alberta, Canada, primarily within the boundaries of the Wood Buffalo National Park, and winters along the Central Texas Gulf of Mexico coast at Aransas National Wildlife Refuge. Whooping cranes adhere to ancestral breeding grounds leaving little possibility that individuals from the extant population will stray into Florida or the Rocky Mountain Population.
   (ii) The States of Colorado, Idaho, New Mexico, Utah and the western half of Wyoming. Birds in this area do not come in contact with whooping cranes of the Aransas/Wood Buffalo Population.

(9) The reintroduced population will be closely monitored during the duration of the projects by the use of radio telemetry. Any animal which is determined to be sick, injured, or otherwise in need of special care would be immediately recaptured by Service or State wildlife personnel or their designated agent and given appropriate care. Such animals will be released back to the wild as soon as possible, unless physical or behavioral problems make it necessary to return them to a captive breeding facility.
The status of the experimental population will be reevaluated periodically to determine future management needs. This review will take into account the reproductive success and movement patterns of the individuals released on the area.

(i) Gray wolf (Canis lupus). (1) The gray wolves (wolf) identified in paragraph (i)(7) of this section are nonessential experimental. These wolves will be managed in accordance with the respective provisions of this section.

(2) The Service finds that reintroduction of nonessential experimental gray wolves, as defined in (i)(7) of this section, will further the conservation of the species.

(3) No person may take this species in the wild in an experimental population area except as provided in paragraphs (i)(3), (7), and (8) of this section.

(i) Landowners on their private land and livestock producers (i.e., producers of cattle, sheep, horses, and mules or as defined in State and tribal wolf management plans as approved by the Service) that are legally using public land (Federal land and any other public lands designated in State and tribal wolf management plans as approved by the Service) may harass any wolf in an opportunistic (the wolf cannot be purposely attracted, tracked, waited for, or searched out, then harassed) and noninjurious (no temporary or permanent physical damage may result) manner at any time, Provided that such harassment is non-lethal or is not physically injurious to the gray wolf and is reported within 7 days to the Service project leader for wolf reintroduction or agency representative designated by the Service.

(ii) Any livestock producers on their private land may take (including to kill or injure) a wolf in the act of killing, wounding, or biting livestock (cattle, sheep, horses, and mules or as defined in State and tribal wolf management plans as approved by the Service) Provided that such incidents are to be immediately reported within 24 hours to the Service project leader for wolf reintroduction or agency representative designated by the Service.

(iii) Any livestock producer or permittee with livestock grazing allotments on public land may receive a written permit, valid for up to 45 days, from the Service or other agencies designated by the Service, to take (including to kill or injure) a wolf that is in the act of killing, wounding, or biting livestock (cattle, sheep, horses, and mules or as defined in State and tribal wolf management plans as approved by the Service), Provided that six or more breeding pairs of wolves have been documented in the experimental population area and the Service or other agencies authorized by the Service has confirmed that the livestock losses were caused by wolves and have completed agency efforts to resolve the problem. Such take must be reported immediately within 24 hours to the Service project leader for wolf reintroduction or agency representative designated by the Service. There must be evidence of freshly wounded or killed livestock by wolves. Service or other Service authorized agencies will investigate and determine if the livestock were wounded or killed by wolves. The taking of any wolf without such evidence may be referred to the appropriate authorities for prosecution.

(iv) Potentially affected States and tribes may capture and translocate wolves to other areas within an experimental population area as described in paragraph (i)(7), Provided the level of wolf predation is negatively impacting localized ungulate populations at an unacceptable level. Such translocations cannot inhibit wolf population recovery. The States and tribes will define such unacceptable impacts, how they would be measured, and identify other possible mitigation in their State or tribal wolf management plans. These plans must be approved by the Service before such movement of wolves may be conducted.

(v) The Service, or agencies authorized by the Service, may promptly remove (place in captivity or kill) any wolf the Service or agency authorized...
by the Service determines to present a threat to human life or safety.

(vi) Any person may harass or take (kill or injure) a wolf in self defense or in defense of others, Provided that such take is reported immediately (within 24 hours) to the Service reintroduction project leader or Service designated agent. The taking of a wolf without an immediate and direct threat to human life may be referred to the appropriate authorities for prosecution.

(vii) The Service or agencies designated by the Service may take wolves that are determined to be "problem" wolves. Problem wolves are defined as wolves that in a calendar year attack livestock (cattle, sheep, horses, and mules) or as defined by State and tribal wolf management plans approved by the Service or wolves that twice in a calendar year attack domestic animals (all domestic animals other than livestock). Authorized take includes, but is not limited to non-lethal measures such as: aversive conditioning, nonlethal control, and/or translocating wolves. Such taking may be done when five or fewer breeding pairs are established in a experimental population area. If the take results in a wolf mortality, then evidence that the mortality was nondeliberate, accidental, nonnegligent, and unavoidable must be provided. When six or more breeding pairs are established in the experimental population area, lethal control of problem wolves or permanent placement in captivity will be authorized but only after other methods to resolve livestock depredations have been exhausted. Depredations occurring on Federal lands or other public lands identified in State or tribal wolf management plans and prior to six breeding pairs becoming established in an experimental population area may result in capture and release of the female wolf with pups, and her pups at or near the site of capture prior to October 1. All wolves on private land, two or more times in a calendar year will be relocated. All chronic problem wolves (wolves that depredate on domestic animals after being moved once for previous domestic animal depredations) will be removed from the wild (killed or placed in captivity). The following three criteria will be used in determining the status of problem wolves within the nonessential experimental population area:

(A) There must be evidence of wounded livestock or partial remains of a livestock carcass that clearly shows that the injury or death was caused by wolves. Such evidence is essential since wolves may feed on carrion which they found and did not kill. There must be reason to believe that additional livestock losses would occur if no control action is taken.

(B) There must be no evidence of artificial or intentional feeding of wolves. Improperly disposed of livestock carcasses in the area of depredation will be considered attractants. Livestock carrion or carcasses on public land, not being used as bait under an agency authorized control action, must be removed or otherwise disposed so that it will not attract wolves.

(C) On public lands, animal husbandry practices previously identified in existing approved allotment plans and annual operating plans for allotments must have been followed.

(viii) Any person may take a gray wolf found in an area defined in paragraph (i)(7), Provided that the take is incidental to an otherwise lawful activity, accidental, unavoidable, unintentional, not resulting from negligent conduct lacking reasonable due care, and due care was exercised to avoid taking a gray wolf. Such taking is to be reported within 24 hours to a Service or Service-designated authority. Take that does not conform with such provisions may be referred to the appropriate authorities for prosecution.

(ix) Service or other Federal, State, or tribal personnel may receive written authorization from the Service to take animals under special circumstances. Wolves may be live captured and translocated to resolve demonstrated conflicts with ungulate populations or with other species listed under the Act, or when they are found outside of the designated experimental population area.

278
area. Take procedures in such instances would involve live capture and release to a remote area or placement in a captive facility, if the animal is clearly unfit to remain in the wild. Killing of wolves will be a last resort and is only authorized when live capture attempts have failed or there is clear endangerment to human life.

(x) Any person with a valid permit issued by the Service under §17.32 may take wolves in the wild in the experimental population area, pursuant to terms of the permit.

(xi) Any employee or agent of the Service or appropriate Federal, State, or tribal agency, who is designated in writing for such purposes by the Service, when acting in the course of official duties, may take a wolf from the wild within the experimental population area, if such action is for:

(A) Scientific purposes;

(B) To relocate wolves to avoid conflict with human activities;

(C) To relocate wolves within the experimental population areas to improve wolf survival and recovery prospects;

(D) To relocate wolves that have moved outside the experimental population area back into the experimental population area;

(E) To aid or euthanize sick, injured, or orphaned wolves;

(F) To salvage a dead specimen which may be used for scientific study; or

(G) To aid in law enforcement investigations involving wolves.

(xii) Any taking pursuant to this section must be reported immediately (within 24 hours) to the appropriate Service or Service-designated agency, which will determine the disposition of any live or dead specimens.

(4) Human access to areas with facilities where wolves are confined may be restricted at the discretion of Federal, State, and tribal land management agencies. When five or fewer breeding pairs are in an experimental population area, land-use restrictions may also be employed on an as-needed basis, at the discretion of Federal land management and natural resources agencies to control intrusive human disturbance around active wolf den sites. Such temporary restrictions on human access, when five or fewer breeding pairs are established in an experimental population area, may be required between April 1 and June 30, within 1 mile of active wolf den or rendezvous sites and would only apply to public lands or other such lands designated in State and tribal wolf management plans. When six or more breeding pairs are established in an experimental population area, no land-use restrictions may be employed outside of national parks or national wildlife refuges, unless wolf populations fail to maintain positive growth rates toward population recovery levels for 2 consecutive years. If such a situation arose, State and tribal agencies would identify, recommend, and implement corrective management actions within 1 year, possibly including appropriate land-use restrictions to promote growth of the wolf population.

(5) No person shall possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any wolf or part thereof from the experimental populations taken in violation of the regulations in paragraph (i) of this section or in violation of applicable State or tribal fish and wildlife laws or regulations or the Endangered Species Act.

(6) It is unlawful for any person to attempt to commit, solicit another to commit, or cause to be committed any offense defined in this section.

(7) The site for reintroduction is within the historic range of the species:

(i) The central Idaho area is shown on the following map. The boundaries of the nonessential experimental population area will be those portions of Idaho that are south of Interstate Highway 90 and west of Interstate 15, and those portions of Montana south of Interstate 90, Highway 93 and 12 from Missoula, Montana west of Interstate 15.
§ 17.84

(ii) The Yellowstone Management Area is shown on the following map. The boundaries of the nonessential experimental population area will be that portion of Idaho that is east of Interstate Highway 15; that portion of Montana that is east of Interstate Highway 15 and south of the Missouri River from Great Falls, Montana, to the eastern Montana border; and all of Wyoming.

(iii) All wolves found in the wild within the boundaries of this paragraph (i)(7) after the first releases will be considered nonessential experimental animals. In the conterminous United States, a wolf that is outside an experimental area (as defined in paragraph (i)(7) of this section) would be considered as endangered (or threatened if in Minnesota) unless it is marked or otherwise known to be an experimental animal; such a wolf may be captured for examination and genetic testing by the Service or Service-designated agency. Disposition of the captured animal may take any of the following courses:

(A) If the animal was not involved in conflicts with humans and is determined likely to be an experimental wolf, it will be returned to the reintroduction area.

(B) If the animal is determined likely to be an experimental wolf and was involved in conflicts with humans as identified in the management plan for the closest experimental area, it may be relocated, placed in captivity, or killed.

(C) If the animal is determined not likely to be an experimental animal, it will be managed according to any Service approved plans for that area or will be marked and released near its point of capture.

(D) If the animal is determined not to be a wild gray wolf or if the Service or agencies designated by the Service determine the animal shows physical or behavioral evidence of hybridization with other canids, such as domestic dogs or coyotes, or of being an animal raised in captivity, it will be returned to captivity or killed.

(8) The reintroduced wolves will be monitored during the life of the project, including by the use of radio telemetry and other remote sensing devices as appropriate. All released animals will be vaccinated against diseases and parasites prevalent in canids, as appropriate, prior to release and during subsequent handling. Any animal that is sick, injured, or otherwise in need of special care may be captured by authorized personnel of the Service or Service-designated agencies and given appropriate care. Such an animal will be released back into its respective reintroduction area as soon as possible, unless physical or behavioral problems make it necessary to return the animal to captivity or euthanize it.

(9) The status of the experimental population will be reevaluated within
the first 3 years, after the first year of releases of wolves, to determine future management needs and if further reintroductions are required. This review will take into account the reproductive success and movement patterns of the individuals released in the area, as well as the overall health and fate of the experimental wolves. Once recovery goals are met for downlisting or delisting the species, a rule will be proposed to address downlisting or delisting.

(10) The Service does not intend to reevaluate the “nonessential experimental” designation. The Service does not foresee any likely situation which would result in changing the nonessential experimental status until the gray wolf is recovered and delisted in the northern Rocky Mountains according to provisions outlined in the Act. However, if the wolf population does not demonstrate positive growth toward recovery goals for 2 consecutive years, the affected States and tribes, in cooperation with the Service, would, within 1 year, identify and initiate wolf management strategies, including appropriate public review and comment, to ensure continued wolf population growth toward recovery levels. All reintroduced wolves designated as nonessential experimental will be removed from the wild and the experimental population status and regulations revoked when (i) legal actions or lawsuits change the wolves status to endangered under the Act or (ii) within 90 days of the initial release date, naturally occurring wolves, consisting of two breeding pairs that for 2 consecutive years have each successfully raised two offspring, are discovered in the experimental population area. The naturally occurring wolves would be managed and protected as endangered species under the Act.

(j) California condor (Gymnogyps californianus). (1) The California condor (Gymnogyps californianus) population identified in paragraph (j)(8) of this section is a nonessential experimental population, and the release of such population will further the conservation of the species.

(2) You must not take any California condor in the wild in the experimental population area except as provided by this rule:

(i) Throughout the entire California condor experimental population area, you will not be in violation of the Endangered Species Act (Act) if you unavoidably and unintentionally take (including killing or injuring) a California condor, provided such take is non-negligent and incidental to a lawful activity, such as hunting, driving, or recreational activities, and you report the take as soon as possible as provided under paragraph 5 below.

(ii) [Reserved]
(iv) To aid a sick, injured, or orphaned California condor;
(v) To salvage a dead specimen that may be useful for scientific study; or
(vi) To dispose of a dead specimen.

(5) Any taking pursuant to paragraphs (j)(2), (j)(4)(iv), (j)(4)(v), and (j)(4)(vi), of this section must be reported as soon as possible to the Field Supervisor, U.S. Fish and Wildlife Service, Ecological Services, Arizona Field Office, Phoenix, 2321 W. Royal Palm Road, Suite 103, Arizona (telephone 602/640-2720) who will determine the disposition of any live or dead specimens.

(6) You must not possess, sell, deliver, transport, ship, import, or export by any means whatsoever, any California condor or part thereof from the experimental population area in violation of this paragraph (j) or in violation of applicable State or Tribal laws or regulations or the Act.

(7) It is unlawful for you to attempt to commit, solicit another to commit, or cause to be committed, any offense defined in paragraphs (j)(2) and (j)(6) of this section.

(8) The designated experimental population area of the California condor includes portions of three states—Arizona, Nevada, and Utah. The southern boundary is Interstate Highway 40 in Arizona from its junction with Highway 191 west across Arizona to Kingman; the western boundary starts at Kingman, goes northwest on Highway 93 to Interstate Highway 15, continues northeasterly on Interstate Highway 15 in Nevada and Utah, to Interstate Highway 70 in Utah; where the northern boundary starts and goes south through Utah until Highway 191 meets Interstate Highway 40 in Arizona (See map at end of this paragraph (j)).

(i) All California condors released into the experimental population area, and their offspring, are to be marked and visually identifiable by colored and coded patagial wing markers.

(ii) The Service has designated the experimental population area to accommodate the potential future movements of a wild population of condors. All released condors and their progeny are expected to remain in the experimental area due to the geographic extent of the designation.

(9) The nonessential experimental population area includes the entire highway rights-of-way of the highways in paragraph (j)(8) of this section that constitute the perimeter boundary. All California condors found in the wild within these boundaries will comprise the experimental population.

(i) The experimental population is to be monitored during the reintroduction project. All California condors are to be given physical examinations before being released.

(ii) If there is any evidence that the condor is in poor health or diseased, it will not be released to the wild.

(iii) Any condor that displays signs of illness, is injured, or otherwise needs special care may be captured by authorized personnel of the Service, Bureau of Land Management, or appropriate State wildlife agency or their agents, and given the appropriate care. These condors are to be re-released into the reintroduction area as soon as possible, unless physical or behavioral problems make it necessary to keep them in captivity for an extended period of time, or permanently.

(10) The status of the reintroduction project is to receive an informal review on an annual basis and a formal evaluation within the first 5 years after the initial release, and every 5 years thereafter. This evaluation will include, but not be limited to: a review of management issues; compliance with agreements; assessment of available carrion; dependence of older condors on supplemental food sources; post release behavior; causes and rates of mortality; alternative release sites; project costs; public acceptance; and accomplishment of recovery tasks prescribed in California Condor Recovery Plan. The number of variables that could affect this reintroduction project make it difficult to develop criteria for success or failure after 5 years. However, if after 5 years the project is experiencing a 40 percent or greater mortality rate or released condors are not finding food on their own, serious consideration will be given to terminating the project.

(11) The Service does not intend to pursue a change in the nonessential experimental population designation to
experimental essential, threatened, or endangered, or modify the experimental population area boundaries without consulting with and obtaining the full cooperation of affected parties located within the experimental population area, the reintroduction program cooperators identified in the memorandum of understanding (MOU) for this program, and the cooperators identified in the agreement for this program.

(i) The Service does not intend to change the status of this nonessential population until the California condor is recovered and delisted in accordance with the Act or if the reintroduction is not successful and the rule is revoked. No designation of critical habitat will be made for nonessential populations (16 U.S.C. §1539(j)(2)(C)(ii)).

(ii) Legal actions or other circumstances may compel a change in this nonessential experimental population's legal status to essential, threatened, or endangered, or compel the Service to designate critical habitat for the California condors within the experimental population area defined in this rule. If this happens, all California condors will be removed from the area and this experimental population rule will be revoked, unless the parties to the MOU and agreement existing at that time agree that the birds should remain in the wild. Changes in the legal status and/or removal of this population of California condors will be made in compliance with any applicable Federal rulemaking and other procedures.
§ 17.84

CALIFORNIA CONDOR
Nonessential Experimental Population Area And Release Site

[Map of the California Condor nonessential experimental population area and release site, showing states and major cities such as Las Vegas, Phoenix, Flagstaff, Page, Moab, Grand Junction, and cities within the hatched area indicating the nonessential experimental population area.]
(k) Mexican gray wolf (Canis lupus baileyi). (1) The Mexican gray wolf (Mexican wolf) populations reestablished in the Blue Range Wolf Recovery Area and in the White Sands Wolf Recovery Area, if used, within the Mexican Wolf Experimental Population Area, identified in paragraph (k)(9) of this section, are one nonessential experimental population. This nonessential experimental population will be managed according to the following provisions:

(2) Based on the best available information, the Service finds that reintroduction of an experimental population of Mexican wolves into the subspecies' probable historic range will further the conservation of the Mexican wolf subspecies and of the gray wolf species; that the experimental population is not "essential," under 50 CFR 17.81(c)(2); that the experimental population is wholly separate geographically from any other wild gray wolf population or individual wild gray wolves; that no wild Mexican wolves are known to exist in the experimental population area or anywhere else; and that future migration of wild Mexican wolves into the experimental population area is not possible.

(3) No person, agency, or organization may "take" [see definition in paragraph (k)(15) of this section] any wolf in the wild within the Mexican Wolf Experimental Population Area, except as provided in this rule. The Service may investigate each take of a Mexican wolf and may refer the take of a wolf contrary to this rule to the appropriate authorities for prosecution.

(i) Throughout the Mexican Wolf Experimental Population Area, you will not be in violation of the Act or this rule for "unavoidable and unintentional take" [see definition in paragraph (k)(15) of this section] of a wolf. Such take must be non-negligent and incidental to a legal activity, such as military training and testing, trapping, driving, or recreational activities. You must report the take within 24 hours to the Service's Mexican Wolf Recovery Coordinator or to a designated representative of the Service.

(ii) Throughout the Mexican Wolf Experimental Population Area, you may "harass" [see definition in paragraph (k)(15) of this section] wolves that are within 500 yards of people, buildings, facilities, pets, "livestock" [see definition in paragraph (k)(15) of this section], or other domestic animals in an opportunistic, noninjurious manner [see definition of "opportunistic, noninjurious harassment" in paragraph (k)(15) of this section] at any time—provided that wolves cannot be purposely attracted, tracked, searched out, or chased and then harassed. You must report harassment of wolves within 7 days to the Service's Mexican Wolf Recovery Coordinator or to a designated representative of the Service.

(iii) Throughout the Mexican Wolf Experimental Population Area, excluding areas within the national park system and national wildlife refuge system, no Federal agency or their contractors will be in violation of the Act or this rule for unavoidable or unintentional take of a wolf resulting from any action authorized by that Federal agency or by the Service, including, but not limited to, military training and testing. This provision does not exempt agencies and their contractors from complying with sections 7(a)(1) and 7(a)(4) of the Act, the latter of which requires a conference with the Service if they propose an action that is likely to jeopardize the continued existence of the Mexican wolf.

(iv) In areas within the national park system and national wildlife refuge system, Federal agencies must treat Mexican wolves as a threatened species for purposes of complying with section 7 of the Act.

(v) On private land anywhere within the Mexican Wolf Experimental Population Area, livestock owners or their agents may take (including kill or injure) any wolf actually "engaged in the act of killing, wounding, or biting livestock" [see definition in paragraph (k)(15) of this section]; provided that evidence of livestock freshly wounded or killed by wolves is present; and further provided that the take is reported to the Service's Mexican Wolf Recovery Coordinator or to a designated representative of the Service within 24 hours.

(vi) On tribal reservation land anywhere within the Mexican Wolf Experimental Population Area, livestock
owners or their agents may take (including kill or injure) any wolf actually engaged in the act of killing, wounding, or biting livestock; provided that evidence of livestock freshly wounded or killed by wolves is present; and further provided that the take is reported to the Service's Mexican Wolf Recovery Coordinator or a designated representative of the Service within 24 hours.

(vii) On "public lands" [see definition in paragraph (k)(15) of this section] allotted for grazing anywhere within the Mexican Wolf Experimental Population Area, including within the designated "wolf recovery areas" [see definition in paragraph (k)(15) of this section], livestock owners or their agents may be issued a permit under the Act to take wolves actually engaged in the act of killing, wounding, or biting "livestock" [see definition in paragraph (k)(15) of this section]. Before such a permit is issued, the following conditions must be met—livestock must be legally present on the grazing allotment; six or more "breeding pairs" [see definition in paragraph (k)(15) of this section] of Mexican wolves must be present in the Blue Range Wolf Recovery Area; previous loss or injury of livestock on the grazing allotment, caused by wolves, must be documented by the Service or our authorized agent; and agency efforts to resolve the problem must be completed. Permits issued under this provision will be valid for 45 days or less and will specify the maximum number of wolves you are allowed to take. If you take a wolf under this provision, evidence of livestock freshly wounded or killed by wolves must be present. You must report the take to the Service's Mexican Wolf Recovery Coordinator or a designated representative of the Service within 24 hours.

(viii) Throughout the Mexican Wolf Experimental Population Area, take of Mexican wolves by livestock guarding dogs, when used in the traditional manner to protect livestock on public, tribal, and private lands, is permitted. If you become aware that such take by your guard dog has occurred, you must report the take to the Service's Mexican Wolf Recovery Coordinator or a designated representative of the Service within 24 hours.

(ix) Personnel authorized by the Service may take any Mexican wolf in the nonessential experimental population in a manner consistent with a Service-approved management plan, special management measure, or a valid permit issued by the Service under §17.32. This may include, but is not limited to, capture and translocation of wolves that—prey on livestock; attack pets or domestic animals other than livestock on private or tribal land; "impact game populations in ways which may inhibit further wolf recovery" [see definition in paragraph (k)(15) of this section]; prey on members of the desert bighorn sheep herd found on the White Sands Missile Range and San Andres National Wildlife Refuge so long as the State of New Mexico lists it as a species to be protected; are considered "problem wolves" [see definition in paragraph (k)(15) of this section]; are a nuisance; endanger themselves by their presence in a military impact area; need aid or veterinary care; or are necessary for authorized scientific, research, or management purposes. Lethal methods of take may be used when reasonable attempts to capture wolves alive fail and when the Service determines that immediate removal of a particular wolf or wolves from the wild is necessary. Authorized personnel may use leg-hold traps and any other effective device or method for capturing or controlling wolves to carry out any measure that is a part of a Service-approved management plan, notwithstanding any conflicts in State or local law. The disposition of all wolves (live or dead) or their parts taken as part of a Service-authorized management activity must follow provisions in Service-approved management plans or interagency agreements or procedures approved by the Service on a case-by-case basis.

(x) As determined by the Service to be appropriate, the Service or any agent so authorized by the Service may capture, kill, subject to genetic testing, place in captivity, euthanize, or return to the wild (if found to be a pure Mexican wolf) any feral wolf-like animal, feral wolf hybrid, or feral dog found within the Mexican Wolf Experimental Population Area that shows
physical or behavioral evidence of hybridization with other canids, such as domestic dogs or coyotes; being an animal raised in captivity, other than as part of a Service-approved wolf recovery program; or being socialized or habituated to humans.

(xii) The United States Department of Agriculture, Animal and Plant Health Inspection Service, Wildlife Services (WS) division will discontinue use of M-44's and choking-type snares in “occupied Mexican wolf range” [see definition in paragraph (k)(15) of this section]. The WS division may restrict or modify other predator control activities pursuant to a cooperative management agreement or a conference between the Service and the WS division.

(xiii) You may harass or take a Mexican wolf in self defense or defense of the lives of others, provided that you report the harassment or take within 24 hours to the Service’s Mexican Wolf Recovery Coordinator or a designated representative of the Service. If the Service or an authorized agency determines that a wolf presents a threat to human life or safety, the Service or the authorized agency may kill it, capture and euthanize it, or place it in captivity.

(xiv) Intentional taking of any wolf in the Mexican Wolf Experimental Population Area, except as described above, is prohibited. The Service encourages those authorized to take wolves to use nonlethal means when practicable and appropriate.

(4) You must not possess, sell, deliver, carry, transport, ship, import, or export by any means whatsoever, any wolf or wolf part from the experimental population except as authorized in this rule or by a valid permit issued by the Service under §17.32. If you kill or injure a wolf or find a dead or injured wolf or wolf parts, you must not disturb them (unless instructed to do so by an authorized agent of the Service), you must minimize your disturbance of the area around them, and you must report the incident to the Service’s Mexican Wolf Recovery Coordinator or a designated representative of the Service within 24 hours.

(5) You must not attempt to commit, solicit another to commit, or cause to be committed, any offense defined in this rule.

(6) No land use restrictions will be imposed on private lands for Mexican wolf recovery without the concurrence of the landowner.

(7) No land use restrictions will be imposed on tribal reservation lands for Mexican wolf recovery without the concurrence of the tribal government.

(8) On public lands, the Service and cooperating agencies may temporarily restrict human access and “disturbance-causing land use activities” [see definition in paragraph (k)(15) of this section] within a 1-mile radius around release pens when wolves are in them, around active dens between March 1 and June 30, and around active wolf “rendezvous sites” [see definition in paragraph 17.84(k)(15) of this section] between June 1 and September 30, as necessary.

(9) The two designated wolf recovery areas and the experimental population area for Mexican wolves classified as a nonessential experimental population by this rule are described in the following subsections. Both designated wolf recovery areas are within the subspecies’ probable historic range and are wholly separate geographically from the current range of any known Mexican wolves or other gray wolves.

(i) The Blue Range Wolf Recovery Area includes all of the Apache National Forest and all of the Gila National Forest in east-central Arizona and west-central New Mexico (Figure 1). Initial releases of captive-raised Mexican wolves will take place, generally as described in our Preferred Alternative in the FEIS on Mexican wolf reintroduction, within the Blue Range Wolf Recovery Area “primary recovery zone” [see definition in paragraph (k)(15) of this section]. This is the area within the Apache National Forest bounded on the north by the Apache-Greenlee County line; on the east by the Arizona-New Mexico state line; on the south by the San Francisco River (eastern half) and the southern boundary of the Apache National Forest (western half); and on the west by the Greenlee-Graham County line (San Carlos Apache Reservation boundary). The Service will allow the wolf population to expand into the Blue Range.
Wolf Recovery Area "secondary recovery zone" [see definition in paragraph (k)(15) of this section], which is the remainder of the Blue Range Wolf Recovery Area not in the primary recovery zone.
Fig. 1: Blue Range Wolf Recovery Area
(ii) The White Sands Wolf Recovery Area in south-central New Mexico includes all of the White Sands Missile Range; the White Sands National Monument; the San Andres National Wildlife Refuge; and the area adjacent and to the west of the Missile Range bounded on the south by the southerly boundary of the USDA Jornada Experimental Range and the northern boundary of the New Mexico State University Animal Science Ranch, on the west by the New Mexico Principal Meridian, on the north by the Pedro Armendaris Grant boundary and the Sierra-Socorro County line, and on the east by the western boundary of the Missile Range (Figure 2). This is the back-up reintroduction area, to be used only if later determined to be both necessary and feasible in accordance with the Preferred Alternative as set forth in the FEIS on Mexican wolf reintro
duction. If this area is used, initial releases of captive-raised wolves would take place within the White Sands Wolf Recovery Area primary recovery zone. This is the area within the White Sands Missile Range bounded on the north by the road from the former Cain Ranch Headquarters to Range Road 16, Range Road 16 to its intersection with Range Road 13, Range Road 13 to its intersection with Range Road 7; on the east by Range Road 7; on the south by Highway 70; and on the west by the Missile Range boundary. The Service would allow the wolf population to expand into the White Sands Wolf Recovery Area secondary recovery zone, which is the remainder of the White Sands Wolf Recovery Area not in the primary recovery zone.
Fig. 2: White Sands Wolf Recovery Area
(iii) The boundaries of the Mexican Wolf Experimental Population Area are the portion of Arizona lying north of Interstate Highway 10 and south of Interstate Highway 40; the portion of New Mexico lying north of Interstate Highway 10 in the west, north of the New Mexico-Texas boundary in the east, and south of Interstate Highway 40; and the portion of Texas lying north of United States Highway 62/180 and south of the Texas-New Mexico boundary (Figure 3). The Service is not proposing wolf reestablishment throughout this area, but only within the Blue Range Wolf Recovery Area, and possibly later in the White Sands Wolf Recovery Area, respectively described in paragraphs (k)(9) (i) and (ii) of this section. If a member of the nonessential experimental population is captured inside the Mexican Wolf Experimental Population Area, but outside the designated wolf recovery areas, it will be re-released within the recovery area, put into the captive population, or otherwise managed according to provisions of a Service-approved management plan or action. If a wolf is found in the United States outside the boundaries of the Mexican Wolf Experimental Population Area (and not within any other wolf experimental population area) the Service will presume it to be of wild origin with full endangered status (or threatened in Minnesota) under the Act, unless evidence, such as a radio collar, identification mark, or physical or behavioral traits (see paragraph (k)(3)(x) of this section), establishes otherwise. If such evidence exists, the Service or an authorized agency will attempt to promptly capture the wolf and re-release it within the recovery area, put it into the captive population, or carry out any other management measure authorized by this rule or a Service-approved management plan. Such a wolf is otherwise not subject to this rule outside the designated Mexican Wolf Experimental Population Area.
Fig. 3: Mexican Wolf Geographic Boundaries

- PRIMARY RECOVERY ZONES
- SECONDARY RECOVERY ZONES
§ 17.84

(10) If Mexican wolves of the experimental population occur on public lands outside the designated wolf recovery area(s), but within the Mexican Wolf Experimental Population Area, the Service or an authorized agency will attempt to capture any radio-collared lone wolf and any lone wolf or member of an established pack causing livestock “depredations” [see definition in paragraph (k)(15) of this section]. The agencies will not routinely capture and return pack members that make occasional forays onto public land outside the designated wolf recovery area(s) and uncollared lone wolves on public land. However, the Service will capture and return to a recovery area or to captivity packs from the nonessential experimental population that establish territories on public land wholly outside the designated wolf recovery area(s).

(11) If any wolves move onto private land outside the designated recovery area(s), but within the Mexican Wolf Experimental Population Area, the Service or an authorized agency will develop management actions in cooperation with the landowner including capture and removal of the wolf or wolves if requested by the landowner.

(12) If any wolves move onto tribal reservation land outside the designated recovery area(s), but within the Mexican Wolf Experimental Population Area, the Service or an authorized agency will develop management actions in cooperation with the tribal government including capture and removal of the wolf or wolves if requested by the tribal government.

(13) The Service will evaluate Mexican wolf reintroduction progress and prepare periodic progress reports, detailed annual reports, and full evaluations after 3 and 5 years that recommend continuation, modification, or termination of the reintroduction effort.

(14) The Service does not intend to change the “nonessential experimental” designation to “essential experimental,” “threatened,” or “endangered” and foresees no likely situation which would result in such changes. Critical habitat cannot be designated under the nonessential experimental classification, 16 U.S.C. 1539(j)(2)(C)(i). (15) Definitions. Key terms used in this rule have the following definitions. Breeding pair means an adult male and an adult female wolf that have produced at least two pups during the previous breeding season that survived until December 31 of the year of their birth.

Depredation means the confirmed killing or wounding of lawfully present domestic livestock by one or more wolves. The Service, WS, or other Service-authorized agencies will confirm cases of wolf depredation on domestic livestock.

Disturbance-causing land use activity means any land use activity that the Service determines could adversely affect reproductive success, natural behavior, or survival of Mexican wolves. These activities may be temporarily restricted within a 1-mile radius of release pens, active dens, and rendezvous sites. Such activities may include, but are not limited to—timber or wood harvesting, management-ignited fire, mining or mine development, camping outside designated campgrounds, livestock drives, off-road vehicle use, hunting, and any other use or activity with the potential to disturb wolves. The following activities are specifically excluded from this definition—

(1) Legally permitted livestock grazing and use of water sources by livestock;

(2) Livestock drives if no reasonable alternative route or timing exists;

(3) Vehicle access over established roads to private property and to areas on public land where legally permitted activities are ongoing if no reasonable alternative route exists;

(4) Use of lands within the national park or national wildlife refuge systems as safety buffer zones for military activities;

(5) Prescribed natural fire except in the vicinity of release pens; and

(6) Any authorized, specific land use that was active and ongoing at the time wolves chose to locate a den or rendezvous site nearby.

Engaged in the act of killing, wounding, or biting livestock means to be engaged in the pursuit and grasping, biting, attacking, wounding, or feeding upon livestock that are alive. If wolves
are observed feeding on a livestock carcass, you cannot assume that wolves killed the livestock because livestock can die from many causes and wolves will feed on carrion.

Harass means "intentional or negligent act or omission which creates the likelihood of injury to the wildlife by annoying it to such an extent as to significantly disrupt normal behavioral patterns which include, but are not limited to, breeding, feeding, or sheltering" (50 CFR 17.3). This experimental population rule permits only "opportunistic, noninjurious harassment" (see definition below).

Impact on game populations in ways which may inhibit further wolf recovery. The Service encourages states and tribes to define unacceptable impacts from wolf predation on game populations in Service-approved management plans. Until such time the term will mean the following—2 consecutive years with a cumulative 35 percent decrease in population or hunter harvest estimates for a particular species of ungulate in a game management unit or distinct herd segment compared to the pre-wolf 5-year average (unit or herd must contain average of greater than 100 animals). If wolf predation is shown to be a primary cause of ungulate population declines (greater than 50 percent of documented adult or young mortality), then wolves may be moved to reduce ungulate mortality rates and assist in herd recovery, but only in conjunction with application of other common, professionally acceptable, wildlife management techniques.

Livestock means cattle, sheep, horses, mules, and burros or other domestic animals defined as livestock in State and Tribal wolf management plans approved by the Service.

Occupied Mexican wolf range means an area of confirmed presence of resident breeding packs or pairs of wolves or area consistently used by at least one resident wolf over a period of at least one month. The Service must confirm or corroborate wolf presence. Exact delineation of the area will be described by:

1. 5-mile (8 km) radius around all locations of wolves and wolf sign confirmed as described above (nonradio-monitored);
2. 5-mile (8 km) radius around radio locations of resident wolves when fewer than 20 radio locations are available (for radio-monitored wolves only); or
3. 3-mile (4.8 km) radius around the convex polygon developed from more than 20 radio locations of a pack, pair, or single wolf acquired over a period of at least 6 months (for radio-monitored wolves).

This definition applies only within the Mexican Wolf Experimental Population Area.

Opportunistic, noninjurious harassment (see "harass") means as the wolf presents itself (for example, the wolf travels onto and is observed on private land or near livestock). This is the only type of harassment permitted by this rule. You cannot track, attract, search out, or chase a wolf and then harass it. Any harassment must not cause bodily injury or death to the wolf. The basic intent of harassment permitted by this rule is to scare wolves away from the immediate area. It is limited to approaching wolves and discharging fire-arms or other projectile launching devices in proximity to but not in the direction of wolves; throwing objects in the general direction of but not at wolves; or making any loud noise in proximity to wolves.

Primary recovery zone means an area where the Service—
1. Will release captive-raised Mexican wolves,
2. May return and re-release previously released Mexican wolves,
3. May release translocated wild-born Mexican wolves, and
4. Will actively support recovery of the reintroduced population.

Problem wolves means wolves that—
1. Have depredated lawfully present domestic livestock,
2. Are members of a group or pack (including adults, yearlings, and young-of-the-year) that were directly involved in livestock depredations,
3. Were fed by or are dependent upon adults involved with livestock depredations (because young animals will likely acquire the pack's livestock depredation habits),
4. Have depredated domestic animals other than livestock on private or tribal lands, two times in an area within one year, or
§ 17.85 Special rules—plants. [Reserved]

§ 17.86 Special rules—plants. [Reserved]

Subpart I—Interagency Cooperation

§ 17.94 Critical habitats.

(a) The areas listed in §17.95 (fish and wildlife) and §17.96 (plants) and referred to in the lists at §§17.11 and 17.12 have been determined by the Director to be Critical Habitat. All Federal agencies must insure that any action authorized, funded, or carried out by them is not likely to result in the destruction or adverse modification of the constituent elements essential to the conservation of the listed species within these defined Critical Habitats. (See part 402 for rules concerning this prohibition; see also part 424 for rules concerning the determination of Critical Habitat).

(b) The map provided by the Director does not, unless otherwise indicated, constitute the definition of the boundaries of a Critical Habitat. Such maps are provided for reference purposes to guide Federal agencies and other interested parties in locating the general boundaries of the Critical Habitat. Critical Habitats are described by reference to surveyable landmarks found on standard topographic maps of the area and to the States and county(ies) within which all or part of the Critical

tal, or unintentional take. Shooters have the responsibility to be sure of their targets.

Wolf recovery area means a designated area where managers will actively support reestablishment of Mexican wolf populations.

(5) Are habituated to humans, human residences, or other facilities.

Public land means land under administration of Federal agencies including, but not limited to the National Park Service, Bureau of Land Management, Fish and Wildlife Service, Forest Service, Department of Energy, and Department of Defense; and State-owned lands within the boundary of a designated wolf recovery area. All State-owned lands within the boundary of the experimental population area, but outside designated wolf recovery areas, will be subject to the provisions of this rule that apply to private lands.

Rendezvous site means a gathering and activity area regularly used by a litter of young wolf pups after they have emerged from the den. Typically, the site is used for a period ranging from about one week to one month in the summer. Several sites may be used in succession.

Secondary recovery zone means an area adjacent to a primary recovery zone in which the Service allows released wolves to disperse, where wolves captured in the wild for authorized management purposes may be translocated and released, and where managers will actively support recovery of the reintroduced population.

Take means “to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct” (16 U.S.C. 1532(19)). Also, see definitions of “harass”, “opportunist, noninjurious harassment”, and “unavoidable and unintentional take.”

Unavoidable and unintentional take means accidental, unintentional take (see definition of “Take”), which occurs despite reasonable care, is incidental to an otherwise lawful activity, and is not done on purpose. Examples would be striking a wolf with an automobile and catching a wolf in a trap outside of known occupied wolf range. Taking a wolf with a trap, snare, or other type of capture device within occupied wolf range (except as authorized in paragraph (k)(3)(ix) and (x) of this section) will not be considered unavoidable, accidental, or unintentional take, unless due care was exercised to avoid taking a wolf. Taking a wolf by shooting will not be considered unavoidable, accidental, or unintentional take. Shooters have the responsibility to be sure of their targets.

Wolf recovery area means a designated area where managers will actively support reestablishment of Mexican wolf populations.

§ 17.95 Critical habitat—fish and wildlife.

(a) Mammals.

**INDIANA BAT (Myotis sodalis)**

Illinois. The Blackball Mine, La Salle County.

Indiana. Big Wyandotte Cave, Crawford County; Ray’s Cave, Greene County.

Kentucky. Bat Cave, Carter County; Coach Cave, Edmonson County.

Missouri. Cave 021, Crawford County; Cave 009, Franklin County; Cave 017, Franklin County; Pilot Knob Mine, Iron County; Bat Cave, Shannon County; Cave 025, Washington County (numbers assigned by Division of Ecological Services, U.S. Fish and Wildlife Service, Region 6).

Tennessee. White Oak Blowhole Cave, Blount county.

West Virginia. Hellhole Cave, Pendleton County.

NOTE: No map.

**VIRGINIA BIG-EARED BAT (Plecotus townsendii virginianus)**

West Virginia. Cave Mountain Cave, Hellhole Cave, Hoffman School Cave, and Sinnit Cave, each in Pendleton County; Cave Hollow Cave, Tucker County.

NOTE: Map follows:

---

**FRESNO KANGAROO RAT (Dipodomys nitratoides exilis)**

California. An area of land, water, and airspace in Fresno County, with the following components (Mt. Diablo Base Meridian): T14S R15E, E 1½ NW¼ and NE¼ Sec. 11, that part of W½ Sec. 12 north of the Southern Pacific Railroad, E½ Sec. 12, T16S R16E, that part of Sec. 7 south of the Southern Pacific Railroad.

Within this area, the major constituent elements that are known to require special management considerations or protection are the hummocks and substrate that provide sites for burrow construction, and the natural alkali sink-open grassland vegetation that provides food and escape cover.

NOTE: Map follows:
MORRO BAY KANGAROO RAT (Dipodomys herdmani morroensis)

California. An area of land, water, and airspace in San Luis Obispo County, with the following components (Mt. Diablo Meridian): T30S R10E 5½ Sec. 14, those portions of Sec. 23-24 west of Pecho Valley Road.

NOTE: Map follows:

FLORIDA MANATEE (Trichechus manatus)

Florida. Crystal River and its headwaters known as King's Bay, Citrus County; the Little Manatee River downstream from the U.S. Highway 301 bridge, Hillsborough County; the Manatee River downstream from the Lake Manatee Dam, Manatee County; the Myakka River downstream from Myakka River State Park, Sarasota and Charlotte Counties; the Peace River downstream from the Florida State Highway 760 bridge, De Soto and Charlotte Counties; Charlotte Harbor north of the Charlotte-Lee County line, Charlotte County; Caloosahatchee River downstream from the Florida State Highway 31 bridge, Lee County; all U.S. territorial waters adjoining the coast and islands of Lee County; all U.S. territorial waters adjoining the coast and islands and all connected bays, estuaries, and rivers from Gordon's Pass, near Naples, Collier County, southward to and including Whitewater Bay, Monroe County; all waters of Card, Barnes, Blackwater, Little Blackwater, Manatee, and Buttonwood Sounds between Key Largo, Monroe County, and the mainland of Dade County; Biscayne Bay, and all adjoining and connected lakes, rivers, canals, and waterways from the southern tip of Key Biscayne northward to and including Maule Lake, Dade County; all of Lake Worth, from its northernmost point immediately south of the intersection of U.S. Highway 1 and Florida State Highway A1A southward to its southernmost point immediately north of the town of Boynton Beach, Palm Beach County; the Loxahatchee River and its headwaters, Martin and West Palm Beach Counties; that section of the intracoastal waterway from the town of Seawalls Point, Martin County to Jupiter Inlet, Palm Beach County; the entire inland section of water known as the Indian River, from its northernmost point immediately south of the intersection of U.S. Highway 1 and Florida State Highway 3, Volusia County, southward to its southernmost point near the town of Seawalls Point, Martin County, and the entire inland section of water known as the Banana River and all waterways between Indian and Banana Rivers, Brevard County; the St. Johns River including Lake George, and including Blue Springs and Silver Glen Springs from their points of origin to their confluences with the St. Johns River; that section of the Intracoastal Waterway from its confluences with the St. Marys River on the Georgia-Florida border to the Florida State Highway A1A bridge south of Coastal City, Nassau and Duval Counties.

NOTE: No map.

ALABAMA BEACH MOUSE (Peromyscus polionotus ammobates)

Alabama. Areas of land, water, and airspace in Baldwin County with the following components (St. Stephens Meridian): (1) That portion of the Fort Morgan Peninsula south of State Road 180 and west of 87°59'35" W, except for that part each of Fort Morgan State Park and more than 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (2) those portions of T95 R3E Sec. 30 and T95 R2E Sec. 25-28 and E15/16 Sec. 29 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (3) that portion of the Gulf Shores unit of the Gulf State Park south of State Road 182 in T95 R3E Sec. 14-15 and Sec. 21-23.

Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

NOTE: Maps follow:
CHOCTAWHATCHEE BEACH MOUSE (Peromyscus polionotus allophrys)

Florida. Areas of land, water, and airspace in Walton and Bay Counties with the following components (Tallahassee Meridian): (1) Those portions of T2S R21W E¾ Sec. 35, Sec. 36, T2S R20W S¼ Sec. 31, and T3S R20W W¾ Sec. 4, N½ Sec. 5, and NE¼ Sec. 6 extending...
§ 17.95

152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (2) those portions of T 3S R 19W W½ Sec. 15 and Sec. 16 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (3) those portions of the mainland part of the St. Andrews State Recreation Area in T 4S R 15W Sec. 21 and Sec. 22 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (4) those portions of Shell Island in T 4S R 15W Sec. 25-27 and Sec. 36, T 4S R 14W Sec. 31, and T 5S R 14W Sec. 4-6 extending 152.5 meters (500 feet) inland from the mean high tide line of Gulf of Mexico.

Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

Note: Maps follow:
PERDIDO KEY BEACH MOUSE (Peromyscus polionotus trissylepis)

Alabama. An area of land, water, and air-space in Baldwin County with the following component (Tallahassee Meridian): That portion of the Perdido Key unit of the Gulf State Park south of State Road 182 in T 9S R 33W Sec. 2-3.

Florida. Areas of land, water, and airspace in Escambia County with the following components (Tallahassee Meridian): (1) That portion of the Perdido Key State Preserve south of State Road 292 in T 3S R 32W Sec. 32-33 and T 4S R 32W Sec. 5; (2) those portions of Perdido Key in T 3S R 31W Sec. 25-26 and Sec. 28-34, and in T 3S R 32W E 1/2 Sec. 36, and W 1/2 Sec. 36 south of the entrance road, parking lot, and Johnson Beach recreational facilities at the Gulf Islands National Seashore.

Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

NOTE: Maps follow:
Silver Rice Rat (Oryzomys palustris natator (=O. argentatus)).

Monroe County, Florida: Little Pine Key, Water Keys, Big Torch Key, Middle Torch Key, Summerland Key north of U.S. Highway 1, Cudjoe Key north of U.S. Highway 1, Johnston Key, Raccoon Key, and Lower Saddlebunch Keys, south of U.S. Highway 1 but not including lands in T. 67 S., R. 27 E., Section 8 and north ¾ of Section 17. Included are all lands and waters above mean low tide.

Within these areas the major constituent elements that are known to require special management considerations or protection are mangrove swamps containing red (Rhizophora mangle), black (Avicennia germinans), and white (Laguncularia racemosa) mangroves, and buttonwood (Conocarpus erectus); salt marshes, swales, and adjacent transitional wetlands containing saltwort (Batis maritima), perennial glasswort (Salicornia virginica), saltgrass (Distichlis spicata), sea ox-eye (Berrichia frutescens), keygrass (Monanthochloa littoralis), and coastal dropseed (Sporobolus virginicus); and fresh water marshes containing cattails (Typha domingensis), saw-grass (Cladium jamaicense), and cordgrass (Spartina spp.).

NOTE: Map follows:

Mount Graham Red Squirrel (Tamiasciurus hudsonicus grahamensis)

Arizona. Areas of land, water, and airspace in the Coronado National Forest, T. 8 S., R. 24 E., and T. 9 S., R. 24 E. (Gila and Salt River Meridian), Graham County, with the following components:

1. Hawk Peak-Mount Graham Area. The area above the 10,000-foot (3,048-meter) contour surrounding Hawk Peak and Plain View Peak, plus the area above the 9,800-foot (2,987-meter) contour that is south of lines extending from the highest point of Plain View Peak eastward at 90° (from true north) and southwestward at 225° (from true north).

2. Heliograph Peak Area. The area on the north-facing slope of Heliograph Peak that is above the 9,200-foot (2,804-meter) contour.
surrounding Heliograph Peak and that is between a line extending at 15° (from true north) from a point 160 feet (49 meters) due south of the horizontal control station on Heliograph Peak and a line extending northwestward at 300° (from true north) from that same point.

3. Webb Peak Area. The area on the east-facing slope of Webb Peak that is above the 9,700-foot (2,957-meter) contour surrounding Webb Peak and that is east of a line extending due north and south through a point 160 feet (49 meters) due west of the horizontal control station on Webb Peak.

The major constituent element is dense stands of mature spruce-fir forest.

NOTE: Map follows:

AMARGOSA VOLE (*Microtus californicus scirpensis*)

California. Marshes and associated land and water in the following areas of Inyo County (San Bernardino Meridian): T20N R7E Sec. 4, 5, N½ and SE¾ Sec. 9, NW¼ Sec. 10, SW¼SW¼ Sec. 15, E½ Sec. 16, NW¼ Sec. 22; T21N R7E S½ Sec. 28, S½ and NW¼ Sec. 29, Sec. 32, 33.

Within these areas, the major constituent elements that are known to require special management considerations or protection are marsh vegetation (primarily bulrushes of the genus *Scirpus*), springs, and some open water along the Amargosa River, which provide escape cover and an adequate food supply.

NOTE: Map follows:
GRAY WOLF (Canis lupus)


Minnesota. Areas of land, water, and airspace in Beltrami, Cook, Itasca, Koochiching, Lake, Lake of the Woods, Roseau, and St. Louis Counties, with boundaries (4th and 5th Principal meridians) identical to those of zones 1, 2, and 3, as delineated in 50 CFR 17.40(d)(1). NOTE: See map in §17.40(d)(1).

(b) Birds.

YELLOW-SHOULDERED BLACKBIRD (Agelaius xanthomus)

Puerto Rico. Areas of land, water, and airspace with the following components: (1) All of Mona Island; (2) that portion of the main island of Puerto Rico within the following boundary: Beginning at a point where the Quebrada Boqueron joins the Bahia de Boqueron, thence proceeding southwesterly along coast to Cabo Rojo, thence eastward along the coast, including offshore cays, to the point where Highway 332 meets the Bahia de Guanica, thence northward on Highway 332 to its junction with Highway 116, thence westward on Highway 116 to its junction with Highway 305, thence westward on Highway 305 to its junction with Highway 303, thence northward on Highway 303 to its junction with Highway 101, thence westward on Highway 101 to the point where it crosses Quebrada Boqueron, thence along the Quebrada Boqueron to the point where it joins the Bahia de Boqueron; (3) a circular portion of the main island of Puerto Rico with a one mile radius, the center being the junction of Highways 360 and 102 in the town of San German; (4) Roosevelt Roads Naval Station, southeast of Ceiba. NOTE: No map.

CALIFORNIA CONDOR (Gymnogyps californianus)

California. Sespe-Piru Condor Area: an area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain, in Ventura and Los Angeles Counties, with the following components (San Bernardino Meridian): Sespe Condor Sanctuary, as delineated by Public Land Order Nr 695 (January 1961); T4N R20W Sec. 2, 5-10, N½ Sec. 11; T4N R21W Sec. 1-3, 10-12, N¼ Sec. 13, N½ Sec. 14, N¼ Sec. 15; T5N R18W Sec. 4-9, 18, 19, 30, 31, N¾ Sec. 3, N½ Sec. 17; T5N R21W Sec. 1-4, 9-16, 21-28, 33-36; T6N R18W Sec. 7-11, 14-23, 26-35; T6N R19W Sec. 1-36; T6N R20W Sec. 13-26; T6N R21W Sec. 1-9, 12-24, N½ Sec. 23; T7N R22W Sec. 31; T7N R23W Sec. 34-36.

Matilija Condor Area: An area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain, in Ventura and Santa Barbara Counties, with the following components (San Bernardino Meridian): T5N R24W W½ Sec. 3, 4-11, 14, 15, N½ Sec. 16, N¼ Sec. 17; T5N R25W E½ Sec. 1, N½ Sec. 12; T5N R24W Sec. 31-34; T6N R24W S½ Sec. 32, S½ Sec. 33, S½ Sec. 34.

Sisquoc-San Rafael Condor Area: An area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain,
Santa Barbara County, with the following components (San Bernardino Meridian): T6N R26W Sec. 5, 6; T6N R27W Sec. 1, 2; T7N R26W Sec. 5-8, 17-20, 29-32; T7N R27W Sec. 1-14, 23-26, 35, 36; T7N R28W Sec. 1, 2, 11, 12; T8N R26W Sec. 19-22, 27-34; T8N R27W Sec. 19-36.

Hi Mountain-Beartrap Condor Areas: Areas of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain in San Luis Obispo County, with the following components (Mt. Diablo Meridian): T30S R16E Sec. 13, 14, 23-26, SE ¼ Sec. 11, 5/5 Sec. 12; T30S R17E Sec. 17-20, 29, 30; T32S R1½E Sec. 1, 2, 11, 12; E½ Sec. 3, E½ Sec. 10, N½ Sec. 14, N½ Sec. 13; T31S R1½E W½ Sec. 6, W¼ Sec. 7, NW¼ Sec. 18.

Mt. Pinos Condor Area: An area of land, water, and airspace in Ventura and Kern Counties, with the following components (San Bernardino Meridian): T8N R21W W½ Sec. 5, W½ Sec. 6 N½ Sec. 7, NW½ Sec. 8; T8N R22W Sec. 1, 2, E½ Sec. 3, NE¼ Sec. 10, N½ Sec. 11, N½ Sec. 12; T9N R21W Sec. 31, 32, W½ Sec. 33; T9N R22W E½ Sec. 35, Sec. 36.

Blue Ridge Condor Area: An area of land, water, and airspace in Tulare County, with the following components (Mt. Diablo Meridian): T19S R29E Sec. 5-9, 15-22, 27-30.

Tejon Ranch: An area of land, water, and airspace in Kern County, with the following components (San Bernardino Meridian): R16W, T10N; R17W T10N; R18W T9N, R18W T10N.

Kern County rangelands: An area of land, water, and airspace in Kern County between California State Highway 65 and the western boundary of Sequoia National Forest, with the following components (Mt. Diablo Meridian): R24E T25S, R24E T26S, R30E T25S, R30E T26S.

Tulare County rangelands: An area of land, water, and airspace in Tulare County between California State Highway 65, State Highway 198, and the western boundary of Sequoia National Forest, with the following components (Mt. Diablo Meridian): R28E T18S (all sections); R28E T19S (all sections); R28E T20S (all sections); R28E T21S Sec. 1-18; R29E T20S (all sections); R29E T21S Sec. 1-18.

NOTE: No map.

Mississippi Sandhill Crane (Grus canadensis pulla).

Mississippi. Areas of land, water, and airspace in Jackson County, with the following components (St. Stephens Base Meridian): T6S R6W Sec. 31; T6S R7W E½ of E½ Sec. 34, Sec. 35-36, S½ Sec. 38; T6S R8W Sec. 27, those portions of Sec. 28-31 south of Seaman Road, Sec. 32-34; T7S R6W N½ of N½ Sec. 3, Sec. 6; T7S R7W Sec. 2-11, Sec. 13-16, Sec. 20-22, W½ Sec. 23, W½ of E½ Sec. 23, NE¼ of NE¼ Sec. 23, N½ of N½ Sec. 24, that portion of the SW¼ of SW¼ Sec. 30 south of the Louisville and Nashville Railroad, W½ of W½ Sec. 31, W½ Sec. 37, that portion of the E½ Sec. 37 north of U.S. Interstate Highway 10; T7S R8W Sec. 1-3, that portion of Sec. 4 north of U.S. Interstate Highway 10; Sec. 5-6, those portions of Sec. 7-8 north of U.S. Interstate Highway 10, Sec. 10-12, W½ of W½ Sec. 14, those portions of Sec. 25 south of the Louisville and Nashville Railroad, that portion of the SE¼ of Sec. 36 south of the Louisville and Nashville Railroad and southeast of Davis Bayou, N½ of NE¼ Sec. 35, Sec. 36.

NOTE: No map.

Whooping Crane (Grus americana)

Kansas. Areas of land, water, and airspace with the following components: (1) Quivira National Wildlife Refuge in Stafford, Reno, and Rice Counties; and (2) Cheyenne Bottoms State Waterfowl Management Area in Barton County.

NOTE: Map follows:

Nebraska. An area of land, water, and airspace in Dawson, Buffalo, Hall, Phelps, Kearney, and Adams Counties with the following boundaries: Platte River bottoms—a strip of river bottom with a north-south width of 3 miles, a south boundary paralleling Interstate 80, beginning at the junction of U.S. Highway 283 and Interstate 80 near Lexington, and extending eastward along Interstate 80 to the interchange for Shelton and Dehman, Nebr. near the Buffalo-Hall County line.

NOTE: Map follows:

MAPS: KANSAS

MAPS: MISSISSIPPI SANDHILL CRANE (Grus canadensis pulla)
Oklahoma. An area of land, water, and airspace in Alfalfa County with the following component: Salt Plains National Wildlife Refuge. 

NOTE: Map follows:

Texas. An area of land, water, and airspace in Aransas, Calhoun, and Refugio Counties with the following boundaries: Beginning at the point where the north boundary of the Aransas National Wildlife Refuge intersects the shore of San Antonio Bay at Webb Point; thence, from this point along a straight line across San Antonio Bay through the westernmost tip of Mosquito Point and inland to a point of intersection with metal surfaced road; thence eastward along a straight line across Espiritu Santo Bay to the intersection of the bay shore and a road at the east end of Pringle Lake on Matagorda Island; thence south along this road to the intersection with the main Matagorda Island road; southwestward along this main road to Cedar Bayou at latitude 28°04'10" N.; thence due west across Cedar Bayou, Vinson Slough, and Isla San Jose to Gulf Intracoastal Waterway platform channel marker No. 25; thence north to the southwest corner of the proclamation boundary, just south of Blackjack Point; thence north along the proclamation boundary into St. Charles Bay to a line drawn as an eastward extension of Twelfth Street on Lamar Peninsula; thence westward along this line to intersection with Palmetto Avenue; thence northward along a straight line to the southwest corner of the Aransas National Wildlife Refuge at Texas State Highway 35 and the north shore of Cavasso Creek; thence northeast on a straight line to the corner of the Aransas National Wildlife Refuge north boundary adjacent to triangulation station "Twin"; thence along the north boundary of said refuge to the starting point at Webb Point. 

NOTE: Map follows:
AMERICAN PEREGRINE FALCON (Falco peregrinus anatum)

California: Dry Creek Zone: Areas of land, water, and airspace in Sonoma County, with the following components (Mt. Diablo Base Meridian): (1) T10N R11W W½ of SW¼ Sec. 6; W½ of NW¼ Sec. 6; NW¼ of NW¼ Sec. 7; T10N R12W Sec. 1; E½ of NE¼ Sec. 2; SW¼ of NE¼ Sec. 2; SE¼ of NW¼ Sec. 2; E½ of SW¼ Sec. 2; SE¼ of NW¼ Sec. 2; N½ of NE¼ Sec. 11; NE¼ of NW¼ Sec. 11; N½ of NE¼ Sec. 12; N½ of NW¼ Sec. 12; T11N R11W SW¼ of SE¼ Sec. 31; S½ of SW¼ Sec. 31; T11N R12W SE½ of SE¼ Sec. 36; SE¼ of SW¼ Sec. 36; (2) T10N R11W NW¼ of SW¼ Sec. 1; W½ of NW¼ Sec. 1; N½ Sec. 2; N¼ of SE¼ Sec. 2; N½ of SW¼ Sec. 2; N½ Sec. 3; N½ of SE¼ Sec. 3; N½ of SW¼ Sec. 4; N½ of SE¼ Sec. 4; N¼ of SE¼ Sec. 4; NE½ of SW¼ Sec. 4; E½ of NW¼ Sec. 4; T11N R11W E½ of SE¼ Sec. 33; S½ Sec. 34; S½ Sec. 35; W½ of SW¼ Sec. 36; SE¼ Sec. 36; SW¼ Sec. 36; (3) T11N R12W S½ Sec. 19; Sec. 20; T11N R13W SE¼ Sec. 24; E½ of SW¼ Sec. 24; E½ Sec. 25; E½ of SW¼ Sec. 25; E½ of NW¼ Sec. 25.

Palisades-Table Rock Zone: An area of land, water, and airspace in Napa County, with the following components (Mt. Diablo Base Meridian): T9N R6W S½ Sec. 5; S½ Sec. 6; Sec. 7; Sec. 8; Sec. 9; Sec. 16; Sec. 17; Sec. 18; Sec. 19; Sec. 20; T9N R7W E½ Sec. 12; E½ Sec. 13; NE¼ Sec. 24; E½ of SE¼ Sec. 24.

Mount St. Helena Zone: An area of land, water, and airspace in Lake, Napa, and Sonoma counties, with the following components (Mt. Diablo Base Meridian): T9N R7W W½ of NE¼ Sec. 3; W½ of SE¼ Sec. 3; W½ Sec. 3; Sec. 4; E½ Sec. 5; E½ of SW¼ Sec. 5; E½ of NW¼ Sec. 5; T10N R7W that portion of Sec. 20 east of Ida Clayton Road, Sec. 21; W½ of NE¼ Sec. 22; W½ of SE¼ Sec. 22; W½ Sec. 22; W½ of NE¼ Sec. 27; W½ of SE¼ Sec. 27; W½ Sec. 27; Sec. 28; that portion of Sec. 29 east of Ida Clayton Road, that portion of the NE¼ Sec. 32 east and south of Ida Clayton Road, SE¼ Sec. 32; E½ of SW¼ Sec. 32; that portion of the SE¼ of NW¼ Sec. 32 south of the Ida Clayton Road, Sec. 33; W½ of NE¼ Sec. 34; W½ of SE¼ Sec. 34; W½ Sec. 34.

NOTE: Map follows:

SOUTHWESTERN WILLOW FLYCATCHER
(Empidonax traillii extimus)

California: Areas of land and water as follows:

1. Santa Ana River, Riverside and San Bernardino Counties: from Rio Road (T2S, R5W, no surveyed section but at 34°59'00" North, 117°25'15" West) downstream to Prado Flood Control Basin Dam (T3S, R7W, Section 29). Approximately 25 km (16 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
2. Santa Margarita River, San Diego County: from the unnamed trail at T8S, R3W, Section 34 downstream to northbound Interstate 5 (T11S, R5W, Section 19). Approximately 33 km (20 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

3. San Luis Rey River, San Diego County: from Mission Road (T9S, R2W, Section 27) downstream to northbound Interstate 5 (T11S, R5W, Section 22). Approximately 39 km (24 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

4. San Diegito River, San Diego County: from southbound Interstate 15 (T13S, R2W, no section surveyed, but at 33° 3' 45" North, 117° 4' 00" West) downstream to northbound Interstate 5 (T14S, R4W, Section 12). Approximately 24 km (15 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
5. San Diego River, San Diego County: from Carlton Hills Boulevard (T15S, R1W, no section surveyed, but at 32° 50' 45" North, 117° 59' 30" West) downstream to the Second San Diego Aqueduct T15S, R2W, no section surveyed, but at 32° 49' 30" North, 117° 3' 45" West). Approximately 8 km (5.5 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

6. Tijuana River, San Diego County: from Larsen Field (T19S, R2W, Section 1) downstream to the windmill at T19S, R2W, Section 4. Approximately 5.5 km (3.3 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
7. South Fork of the Kern River, Kern County: from the confluence of Canebrake Creek (T25S, R36E, Section 30) downstream to a line running north-south between Lyme Dyke and Lime Point encompassing the South Fork Wildlife Area at the eastern end of Lake Isabella (T26S, R34E, Sections 13 and 14). Approximately 26 km (16 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
Arizona: Areas of land and water as follows:

1. San Pedro River, Cochise County: from the Hereford Bridge (T23S, R22E, Section 9), downstream to eastbound Interstate 10 bridge at Benson (T17S R20E, Section 11). Approximately 87 km (54 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

2. San Pedro River, Cochise, Pima and Pinal Counties: from the Gaging Station near Aguaia Canyon (T12S, R18E, Section 19), downstream to the confluence with the Gila River (T5S, R15E, Section 23). Approximately 106 km (66 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
3. Verde River, Yavapai and Gila Counties: from Sob Canyon (T17N, R3E, Section 29) to its inflow into Horseshoe Reservoir (T8N, R6E, Section 15), including Tavasci Marsh and Ister Flat. Approximately 145 km (90 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

4. Wet Beaver Creek, Yavapai County: from the gauging station upstream of the Beaver Creek Ranger Station (T15N, R6E, Section 24), downstream to the confluence of Beaver Creek and the Verde River (T14N, R5E, Section 30). Approximately 32 km (20 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

5. West Clear Creek, Yavapai County: from the section line dividing sections 18 and 17 in T13N, R6E downstream to the confluence with the Verde River (T13N, R5E, Section 17). Approximately 14 km (9 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

6. Colorado River, Coconino County: from river mile 39 (T35N, R5E, Section 16) downstream to river mile 71.5 (T31N, R5E Section 8). (River mile 0 = Lee's Ferry). Approximately 52 km (32 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
§ 17.95

New Mexico: Areas of land and water as follows:

1. Gila River and the East and West Forks of the Gila River, Catron and Grant Counties; from El Rincon on the Gila River (T13S, R14W, S36) upstream to Hell's Hole Canyon on the West Fork of the Gila River (T12S, R15W, S4), and upstream to the confluence of Taylor Creek and Beaver Creek on the East Fork of the Gila River (T11S, R12W, S17). Approximately 63 km (39 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

7. Little Colorado River, and the West, East, and South Forks of the Little Colorado River, Apache County: from the diversion ditch at T8N, R28E, Section 16, upstream to Forest Road 113 on the West Fork (T7N, R27E, Section 33), upstream to Forest Road 113 on the East Fork (T6N, R27E, Section 10), and upstream to Joe Baca Draw on the South Fork (T8N, R28E, Section 34). Approximately 48 km (30 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
2. Gila River, Grant and Hidalgo Counties: from the confluence of Hidden Pasture Canyon (T14S, R16W, Section 14) downstream to the confluence of Steeple Rock Canyon (T18S, R21W, Section 33). Approximately 90 km (56 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

3. San Francisco River, Catron County: from the confluence of Trail Canyon (T6S, R20W, Section 4) downstream to San Francisco Hot Springs, near the confluence with Box Canyon (T12S, R20W, Section 23). Approximately 105 km (65 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

4. Tularosa River and Apache Creek, Catron County: from the confluence of the Tularosa and San Francisco Rivers (T7S, R19W, Section 33), and upstream on Apache Creek to the confluence with Whiskey Creek (T4S, R18W, Section 25). Approximately 60 km (37 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.
EVERGLADE SNAIL KITE (Rostrhamus sociabilis plumbeus)

Florida. Areas of land (predominantly marsh), water, and airspace, with the following components (Tallahassee Meridian): (1) St. Johns Reservoir, Indian River County; T33S R37E SW 1/4 Sec. 6, W 1/2 Sec. 7, Sec. 18, Sec. 19; (2) Cloud Lake Reservoir, St. Lucie County; T34S R38E 5/4 Sec. 16, N 1/2 Sec. 21; (3) Strazzulla Reservoir, St. Lucie County; T34S R38E SW 1/4 Sec. 21; (4) western parts of Lake Okeechobee, Glades and Hendry Counties, extending along the western shore to the east of the levee system and the undiked high ground at Fishcating Creek, and from the Hurricane Gate at Clewiston northward to the mouth of the Kissimmee River, including all the Eleocharis flats of Moonshine Bay, Monkey Box, and Observation Shoal, but excluding the open water north and west of the northern tip of Observation Shoal, north of Monkey Box, and east of Fishcating Bay; (5) Loxahatchee National Wildlife Refuge (Central and Southern Florida Flood Control District Water Conservation Area 1), Palm Beach County, including Refuge Management Compartments A, B, C, and D, and all of the main portion of the Refuge as bounded by Levees L–7, L–39, and L–40; (6) Central and Southern Florida Flood Control District Water Conservation Area 2A, Palm Beach and Broward Counties, as bounded by Levees L–6, L–35B, L–36, L–39, and L–33; (7) Central and Southern Florida Flood Control District Water Conservation Area 2B, Broward County, as bounded by Levees L–35, L–35B, L–36, and L–38; (8) Central and Southern Florida Flood Control District Water Conservation Area 3A, Broward and Dade Counties, as bounded by Florida Highway 94, Levees L–68A, L–67A (north of Miami Canal), L–67C (south of Miami Canal), L–29, and L–28, and a line along the undiked northerwestern portion of the Area; (9) that portion of Everglades National Park, Dade County, within the following boundary: Beginning at the point where the Park boundary meets Florida Highway 94 in T4S R3E Sec. 20, thence eastward and southwest along the Park boundary to the southwest corner of Sec. 31 in T7S R3E; thence southwestward along a straight line to the southwest corner of Sec. 2 in T8S R3E, thence westward along the south sides of Sec. 3, 4, 5, and 6 in T8S R3E to the Dade-Monroe county line, thence northward along the Dade-Monroe county line to the Park boundary, thence eastward and northward along the Park boundary to the point of beginning.

NOTE: Map follows.
1. Critical habitat units are depicted for the States of Washington, Oregon, and California on the maps below.

2. The primary constituent elements: individual trees with potential nest platforms and forest lands of at least one half site-potential tree height regardless of contiguity within 0.8 kilometers (0.5 miles) of individual trees with potential nesting platforms and that are used or potentially used by the marbled murrelet for nesting or roosting.

3. A description of the critical habitat units follows. Where a critical habitat unit includes Federal lands within the boundaries of a Late Successional Reserve established by the Northwest Forest Plan, those boundaries include any minor adjustments. Critical habitat units do not include non-federal lands covered by a legally operative incidental take permit for marbled murrelets issued under section 10(a) of the Act.
General configuration of final critical habitat in Oregon
§ 17.95

50 CFR Ch. I (10–1–98 Edition)

Map and description of WA-01-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Forks, and Port Angeles, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:
T.28N., R.10W. Willamette Meridian: W½ NW¼ Section 1; Sections 2-8; NW¼, N½ SW¼, N½ SE¼, SW¼ NE¼ Section 9; N½ NW¼, NE¼ Section 10; W½ NW¼, NE¼ NW¼, N½ SE¼ Section 11; NW¼ NW¼ Section 12.

T.28N., R.11W. Willamette Meridian: Sections 1-3; S½ SW¼, SE¼, S½ NE¼, NE¼ Section 4; Sections 7-12; N½ NW¼ Section 13; N½ Section 14; N½ N½ Section 15; N½ Section 16; N½, N½ SW¼ Section 17; N½ N½ Section 18.

T.28N., R.12W. Willamette Meridian: SW¼ SW¼ Section 1; SW¼, S½ SE¼ Section 2; S½ SW¼, SE¼ Section 3; N½, N½ Section 10; N½ Section 11; Section 12 except SW¼ SW¼, N½ NE¼ Section 13.

T.29N., R.10W. Willamette Meridian: SW¼ NW¼, W½ SW¼, SE¼ SW¼ Section 1; Section 2 except N½ NE¼ Section 3 except N½ NE¼; Sections 4-5; SE¼ NW¼, SW¼ SW¼, E½ Section 6; Sections 7-24; Section 25 except SE¼ SE¼ Sections 26-33; NW¼, N½ SW¼, SW¼ NW¼, W½ NE¼ Section 36.

T.29N., R.11W. Willamette Meridian: SE¼ SW¼, SE¼, SE¼ NE¼ Section 12; Sections 13; N½, N½ SW¼, SE¼ Section 14; E½ SE¼ Section 22; S½, NE¼ Section 23; Sections 24-27; S½, S½ NE¼ Section 28; SE¼ Section 29; SE¼ SE¼ Section 31; S½ SW¼, NE¼ SW¼, SE¼, S½ NE¼, NE¼ NE¼ Section 32; Sections 33-36.

T.30N., R.09W. Willamette Meridian: S½ SW¼ Section 18; N½ NW¼ Section 19.

T.30N., R.10W. Willamette Meridian: E½ NW¼, E½ SW¼, SW¼ SW¼, SE¼, SW¼ NE¼ Section 1; S½ SW¼, SW¼ SE¼ Section 2; Section 4 except NE¼ Section 4; E½ NW¼, S½ SW¼, NE¼ SW¼, E½ Section 5; S½ Section 6; Sections 7-12; Section 13 except SW¼ SW¼; NW¼ NW¼, NE¼ Section 14; Section 15; N½, S½ NE¼ Section 16; N½ Section 17; Section 18 except S½ SE¼; NW¼ NW¼ Section 19; SW¼ SW¼ Section 35.

T.30N., R.11W. Willamette Meridian: Sections 1-2; Section 3 except S½ SW¼, SW¼ SE¼ Section 4 except S½ SW¼, SW¼ SE¼; NE¼ NE¼ Section 10; N½ NW¼, SE¼, W½ NE¼, NE¼ NE¼ Section 11; NW¼ NW¼, 5½, E½ NE¼ Section 12; Sections 13-14; S½, S½ NE¼ Section 15; S½ Section 17; SE¼ Section 18; N½ NW¼, SE¼ NW¼, NE¼ Section 14; Section 20; N½, N½ SE¼ Section 21; N½, N½ SE¼ Section 22; N½, N½ SW¼ Section 23; NW¼, W½ NE¼, NE¼ NE¼ Section 24.

T.30N., R.12W. Willamette Meridian: NW¼ NW¼ Section 2; W½, N½ NE¼ Section 3; Section 4; Section 6 except NW¼ NW¼, NW¼, N½ SE¼, NE¼ Section 7; Section 8 except SW¼ SW¼; N½, N½, SE¼ SE¼ Section 9; S½ Section 10; S½ SW¼, SW¼ SE¼ Section 11; W½ NW¼ Section 13; N½, NW¼ SW¼ Section 14; N½, NE¼ SE¼ Section 15; Section 17 except NW¼ NW¼, SE¼ SE¼.

T.31N., R.12W. Willamette Meridian: Section 30 except NE¼; Section 31; Section 32 except NE¼; S½ SW¼ Section 33.

Critical Habitat includes only State or County lands described in the following areas:

T.30N., R.12W. Willamette Meridian: N½ Section 16.
§ 17.95

NE ¼ SE ¼ Section 13; SE ¼ SW ¼, SE ¼, SE ¼ NE ¼ Section 14; SW ¼ NW ¼, NE ¼ NW ¼, NW ¼ SW ¼, SE ¼ SE ¼ Section 15; SW ¼, SE ¼ NE ¼ Section 16; SW ¼ NW ¼, SE ¼ NW ¼, SE ¼ SW ¼, SE ¼ NE ¼ Section 17; NW ¼ NW ¼, S ¼, E ½ NE ¼ Section 18; W ½ NW ¼, SE ¼ NW ¼, N ½ SE ¼ Section 19; SW ¼, SW ¼ SE ¼, E ½ SW ¼ Section 20; NW ¼, SW ¼ SW ¼, NW ¼ SE ¼ Section 21; SE ¼ SW ¼, E ½ E ½ Section 22; N ½ NW ¼, NE ¼ NW ¼, SE ¼ SE ¼, W ½ NE ¼, NE ¼ NE ¼ Section 23; N ½, NW ¼ SW ¼, N ½ SE ¼, SE ¼ SE ¼ Section 24; S ¼ NW ¼, NE ¼ Section 25; N ½, NW ¼ SE ¼ Section 26.

T.30N., R.08W. Willamette Meridian: S ½ SW ¼ Section 4; Section 5 except E ½ NE ¼; Section 6 except NW ¼ NW ¼; Section 7 except S ½ SW ¼; Section 8 except NW ¼ NE ¼; Section 9 except NW ¼ SW ¼, SW ¼ Section 10; W ½ SW ¼, SE ¼ SW ¼, SE ¼, SE ¼ NE ¼ Section 11; SW ¼ NW ¼, N ½ S ½, SE ¼ SE ¼, S ½ NE ¼ Section 12; NW ¼ NW ¼, W ½ SW ¼, SE ¼ SW ¼, SE ¼ SE ¼, NE ¼ NE ¼ Section 13; Section 14; Section 15 except N ½ SE ¼, S ½ NE ¼ Section 16 except SW ¼ SE ¼; E ½ NW ¼, NW ¼ NW ¼, NE ¼ Section 17; NE ¼ NW ¼, N ½ NE ¼, SW ¼ NE ¼ Section 20; N ½ NW ¼, SE ¼ NW ¼, SW ¼ SE ¼, E ½ SW ¼, NE ¼ Section 22; W ½, N ½ SE ¼, SW ¼ NE ¼ Section 23; SW ¼ NW ¼, NE ¼ NW ¼, N ½ S ½, N ½ NE ¼ Section 24.

T.31N., R.08W. Willamette Meridian: S ½ SW ¼ Section 31; W ½ SW ¼, SE ¼ SW ¼, SE ¼ SE ¼ Section 32.

Map and description of WA-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery and Forks, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.28N., R.14W. Willamette Meridian: E ½ Section 36.

T.29N., R.14W. Willamette Meridian: E ½ Section 36.

Map and description of WA-02-b taken from United States Fish and Wildlife Service 1:100,000 map; Forks and Mt Olympus, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25N., R.10W. Willamette Meridian: Sections 29-30; Section 31 except SE ¼ SE ¼; N ½ NW ¼, SW ¼ NW ¼ Section 32.

Critical Habitat includes only State or County lands described within the following areas:

T.24N., R.11W. Willamette Meridian: N ½ N ½ Section 1; N ½, N ½ SW ¼ Section 2; Sections 3-8; Section 9 except SE ¼; N ½ NW ¼ Section 10; NW ¼ Section 16; NW ¼ NW ¼
U.S. Fish and Wildlife Serv., Interior § 17.95

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T. 23N., R. 9W. Willamette Meridian: NW4, NW14, NW4 SW4, NW14 NE4 Section 6.

T. 23N., R. 10W. Willamette Meridian: N4, N12 SW4, SW4 NW4, N12 NE4 Section 3; E12 Section 4; Sections 4-11; W12 NW4, NE12 NW4 Section 12; NW4, N12 SW4, N4 NE4, NE4 NE4 Section 14; Section 15 except SE4 SW4, S12 SE4; Sections 16-20; N12 Section 21.

T. 23N., R. 11W. Willamette Meridian: Section 1 except N12 NE4, SE4 NW4, SE4 SW4, SW12 SE4 Section 1; Section 2 except NW4 NE4, NE12 NW4 Section 2; Section 3 except SW12 SW4, SW4 NW4, N12 NE4, NE4 NE4 Section 15; SE12 NW4, NE4 SW4, SW4 NE4, NE4 NE4 Section 16; NW4 NE4 Section 22.


T. 24N., R. 9W. Willamette Meridian: S12 Section 3; Sections 4-10; Section 15 except SE4 SE4, NE4 NE4 Section 1; Sections 16-21; Sections 28-33.

T. 24N., R. 10W. Willamette Meridian: Sections 1-3; S12, NE4 Section 4; Sections 4-5; Sections 7-30; N12, N12 S12, SE4 SW4 Section 31; Sections 32-36.

T. 24N., R. 101W. Willamette Meridian: S12 SE4 Section 1; Section 12 except W12 W4; Section 13; Section 14 except NW4 NW4; Sections 23-28; NW4, N12 SW4, N12 NE4, SW4 NE4 Section 35; N12 NW4, NE4 NE4 Section 36.

T. 25N., R. 09W. Willamette Meridian: S12, NE4 NW4, S12 NE4 Section 31; NW4 SW4, S12 SW4 Section 32.


Critical Habitat includes only State or County lands described within the following areas:
§ 17.95

T. 24N., R. 11W. Willamette Meridian: S1/2 SW1/4, NE 1/4 SW1/4, SE 1/4 Section 12; Sections 13-14; SE 1/4 SE 1/4 Section 15; S1/2 S1/2 Section 20; S1/2 Section 21; E1/2 NE 1/4, S1/2 Section 22; Sections 23-29; Sections 32-36.

Map and description of WA-02-d taken from United States Fish and Wildlife Service 1:100,000 map; Forks, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.27N., R.11W. Willamette Meridian: N1/2 NW1/4, SE 1/4 SW1/4, SW1/4 Section 27; S1/2 NW1/4, N1/4 SW1/4, SW1/4 SW1/4, SE 1/4 Section 28; NE 1/4 SE 1/4, SE 1/4 NE 1/4 Section 29; SW1/4 NE 1/4 Section 30.

Critical Habitat includes only State or County lands described within the following areas:


T. 27N., R. 11W. Willamette Meridian: S1/2 Section 14; S1/2 Section 15; S1/2 Section 16; S1/2 Section 17; Sections 18-24; S1/2 SW1/4 Section 27; N1/2 NW1/4, NE 1/4 SW1/4, NW1/4 SE 1/4 Section 28; N1/2 N1/2 Section 29; NE 1/4 NE 1/4 Section 30.

T. 27N., R. 12W. Willamette Meridian: S1/2 Section 10; SW1/4 Section 11; Sections 13-15; Section 22; Section 23 except SE 1/4 SE 1/4 Section 24; NE 1/4 NW1/4, N1/2 NE 1/4 Section 25; N1/2 NW1/4 Section 26; Section 27 except E1/2 SE 1/4.

Map and description of WA-03-a taken from United States Fish and Wildlife Service 1:100,000 map; Mt. Olympus and Shelton, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T. 21N., R. 07W. Willamette Meridian: N1/2 NW1/4, SE 1/4 NW1/4, NE 1/4 SW1/4, W1/4 SE 1/4 Section 3.

T. 21N., R. 08W. Willamette Meridian: Sections 4-9; N1/2, SW1/4, NW1/4 SE 1/4 Section 10; Sections 11-17; NW1/4 NW1/4 Section 21.

T. 22N., R. 07W. Willamette Meridian: Section 1; Section 2 except NW1/4 NW1/4 Section 3 except SE 1/4, S1/2 NE 1/4, NE 1/4 NE 1/4 Section 4; E1/2 Section 5; N1/2 Section 6.

T. 22N., R. 07W. Willamette Meridian: Section 1; NE 1/4 NW1/4, E1/2 SE 1/4, NW1/4 SE 1/4 Section 2; W1/2 Section 3; Sections 4-9; SE 1/4 NW1/4, S1/2 SW1/4, NE 1/4 SW1/4, E1/2 Section 6; NW1/4, N1/2 NE 1/4 Section 7; SE 1/4 NW1/4, NE 1/4 SW1/4, S1/2 SE 1/4 Section 8; Section 9; W1/2, W1/2, SE 1/4, SE 1/4 SE 1/4 Section 10; NE 1/4 SE 1/4, NE 1/4 Section 11; NW1/4 NW1/4, S1/2 NW1/4, SW1/4, W1/2 Section 12; NW1/4, NW1/4, S1/2 SW1/4, W1/2 SE 1/4, NE 1/4 SE 1/4, W1/2 NE 1/4 Section 13; SW1/4 NW1/4, SW1/4, SW1/4 SE 1/4 Section 14; Section 15 except SE 1/4 NW1/4, NE 1/4 SW1/4, SW1/4 NE 1/4; Section 16; Section 17 except W1/2 NW1/4, NE 1/4 NW1/4, SW1/4, E1/2 SE 1/4, NE 1/4 NE 1/4 Section 18; Section 19; Section 20 except W1/2 Section 21 except SE 1/4 SE 1/4; N1/2 Section 22; N1/2, E1/2 SW1/4, W1/2 SE 1/4, NE 1/4 SE 1/4 Section 23; NW1/4, NW1/4, NE 1/4 NW1/4 Section 24; NW1/4 Section 25; S1/2 NW1/4, SW1/4, N1/2 SE 1/4, NE 1/4 Section 27; N1/2 NW1/4 Section 28; NW1/4, N1/2 NE 1/4 Section 29; SW1/4 SW1/4 Section 30; W1/2, N1/2 SE 1/4, W1/2 NE 1/4 Section 31; W1/2 Section 34.

T. 22N., R. 08W. Willamette Meridian: E1/2 SE 1/4 Section 1; N1/2 NW1/4, W1/2 SW1/4, NW1/4 NE 1/4 Section 2; Sections 3-9; W1/2, W1/2, NE 1/4, NE 1/4 NE 1/4 Section 10; SE 1/4 NW1/4, S1/2, S1/2
NE ¼ Section 11; W ¼ SW ¼, NE ¼ NE ¼ Section 12; NW ¼ NW ¼, SW ¼ SE ¼ Section 13; NE ¼ NW ¼, N ¼ NE ¼ Section 14; Section 15 except E ¼ SE ¼, NE ¼ Sections 16-21; Section 22 except E ¼ SE ¼, NE ¼; E ¼ SE ¼, NW ¼ SE ¼, NE ¼ Section 24; Section 25; Section 27 except E ¼ E ¼; Sections 28-33; N ¼ NW ¼, SW ¼ NW ¼, SE ¼ SW ¼, E ¼ SE ¼, SW ¼ SE ¼, W ¼ NE ¼ Section 34; Section 35 except NW ¼ NW ¼; SE ¼ SW ¼, S ¼ SE ¼, NE ¼ NE ¼ Section 36.

T.22N., R.09N. Willamette Meridian: Sections 1-5; E ¼ W ¼ Section 6; E ¼, E ¼ W ¼ Section 7, Sections 8-26 except SW ¼; Sections 27-33; Section 34 except S ¼ SE ¼; Section 35 except N ¼ NW ¼, W ¼ SW ¼.

T.22N., R.10W. Willamette Meridian: SE ¼ Section 13; SE ¼ NW ¼, SW ¼ SW ¼, E ¼ SW ¼, SE ¼, E ¼ NE ¼ Section 24; SE ¼ NW ¼, SW ¼, E ¼ Section 25; W ¼ SW ¼, SE ¼ SE ¼ Section 27; S ¼ SE ¼, NE ¼ SE ¼ Section 31; SW ¼ NW ¼, E ¼ NW ¼, S ¼, S ¼ NE ¼ Section 32; NW ¼ NW ¼, S ¼ SW ¼, SW ¼ SE ¼, NE ¼ SE ¼ Section 33, W ¼ NW ¼, NW ¼ SE ¼, NW ¼ SE ¼, SE ¼ SE ¼, NE ¼ NE ¼ Section 34; Section 35 except SW ¼ SW ¼ Section 36.

T.22N., R.07W. Willamette Meridian: Sections 1-3; S ¼, S ¼ SW ¼, NE ¼ NE ¼ Section 4; SW ¼ Section 7; SE ¼ SW ¼, SE ¼, SE ¼ NE ¼ Section 8 & Sections 9-17; Section 18 except N ¼ NE ¼ Sections 19-30; N ¼ N ¼ SW ¼, SE ¼ Section 31; Section 32-33; Section 34 except S ¼ SE ¼ Sections 35-36.

T.22N., R.08W. Willamette Meridian: SE ¼ SW ¼, SE ¼ SW ¼, SE ¼, S ¼ NE ¼ Section 11; Section 12 except N ¼ N ¼; Sections 13-14; S ¼, NE ¼ Section 15; S ¼ SE ¼, NE ¼ SE ¼ Section 16; SE ¼ SE ¼ Section 20, S ¼, NE ¼ Section 21; Sections 22-29; W ¼ NW ¼, SE ¼ NW ¼, S ¼, SE ¼ NE ¼ Section 30; Sections 31-34; Section 35 except E ¼ SE ¼.

T.22N., R.09W. Willamette Meridian: E ¼ NW ¼, SW ¼, SW ¼ SE ¼, W ¼ NE ¼ Section 15; S ¼ SE ¼, NE ¼ SE ¼ Section 16; SE ¼ SE ¼ Section 19; S ¼, S ¼ NE ¼, NE ¼ NE ¼ Section 20; Sections 21-22; W ¼ NW ¼, SW ¼, W ¼ SE ¼, SE ¼ SE ¼ Section 23; SW ¼ SW ¼ Section 24; Sections 25-29; SW ¼, SW ¼, E ¼ SW ¼, SE ¼, S ¼ NE ¼ NE ¼ NE ¼ Section 30; E ¼ W ¼, E ¼ Section 31; Sections 32-36.

Map and description of WA-03-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Olympus and Shelton, Washington, 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.06W. Willamette Meridian: W ¼, NW ¼ NE ¼ Section 3; Sections 4-8; E ¼, NE ¼ Section 9; N ¼ NW ¼ Section 10.

T.22N., R.06W. Willamette Meridian: Sections 1-4; S ¼, SW ¼ NW ¼, E ¼ NW ¼, NE ¼ Section 5; Sections 6-10; Section 11 except SE ¼, SE ¼; W ¼ Section 14; N ¼ NW ¼, W ¼ SW ¼ Section 15; Sections 16-18; N ¼, W ¼ SW ¼, N ¼ SE ¼ SE ¼ Section 19; Sections 20-22; Section 26 except SW ¼ SW ¼; N ¼ NW ¼, NE ¼ SE ¼, N ¼ NE ¼, SE ¼ NE ¼ Section 29; NW ¼ NW ¼, S ¼ SW ¼, NE ¼ SW ¼, W ¼ SE ¼, NE ¼ SE ¼, S ¼ NE ¼ Section 30; N ¼ NW ¼, SE ¼ NW ¼, N ¼ SE ¼, SE ¼ SE ¼, NE ¼ Section 31; W ¼, SE ¼, S ¼ NE ¼ Section 32; W ¼ SW ¼, SE ¼ SW ¼ Section 33; NE ¼ SE ¼ Section 34; W ¼ W ¼, NE ¼ SW ¼ Section 36.

T.22N., R.07W. Willamette Meridian: S ¼ NW ¼, SW ¼, SW ¼ NE ¼, W ¼ SE ¼ Section 1; NW ¼, N ¼ NE ¼, SE ¼ NE ¼ Section 2; N ¼ NE ¼ Section 3; NW ¼, W ¼ SW ¼, NE ¼ SW ¼, NW ¼ SE ¼, W ¼ NE ¼, NE ¼ NE ¼ Section 5; Section 6 except S ¼ SE ¼, N ¼ NW ¼, S ¼ SE ¼, NE ¼ SE ¼ Section 8; S ¼ Section 9; S ¼ NW ¼, NE ¼ NW ¼, S ¼, W ¼ NE ¼, SE ¼ NE ¼ Section 10; SW ¼, SW ¼ SE ¼ Section 11; NE ¼ SE ¼, S ¼ SE ¼ Section 12; Section 13; NW ¼, N ¼ SW ¼ Section 14; Sections 15-16; E ¼ Section 17; N ¼ SE ¼, SE ¼ SE ¼, S ¼ NE ¼, NW ¼ NE ¼ Section 19; Sections 20-21; W ¼ NW ¼, NE ¼ NW ¼, W ¼ SW ¼.
§ 17.95

E ½ SE ¼ Section 22; S ½, SW ¼ NE ¼ Section 23; NE ¼ NW ¼, W½ SW ¼, E½ SE ¼, N½ SE ¼, SE ¼ NE ¼ Section 24; S½ N½, NW¼ NW¼, N½ S½, SE ¼ SE ¼, NE ¼ NE ¼ Section 25; N½, SW ¼ SW ¼, NE ¼ SE ¼ Section 26; Sections 27 except NW ¼ NE ¼; Sections 28-29; E½ Section 30; Section 31 except W½ NW ¼; Sections 32-34; NW ¼ Section 35.

T.23N., R.05W. Willamette Meridian: W½ W½ Section 4; S½ N½, S½ Section 5; S½ N½, S½ Section 6; Sections 7-9; W½ SW ¼ Section 10; S½ SW ¼, SW ¼ SE ¼ Section 14; NW ¼, NW ¼ SW ¼, S½ SW ¼, S½ SE ¼ Section 15; Sections 16-22; Section 23 except SE ¼ NE ¼, N½ NE ¼, NW ¼ SW ¼, S½ SW ¼ Section 24; W½ Section 25; Sections 26-30; Section 31 except NE ¼.

T.23N., R.06W. Willamette Meridian: SE ¼ NW ¼, S½, S½ NE ¼ Section 1; E½ SE ¼ Section 2; SW ¼ NW ¼, SW ¼, W½ SE ¼, SE ¼ SE ¼ Section 4; Sections 5-9; NW ¼ NW ¼, S½ N½, S½ Section 10; Sections 11-12; Section 33 except SE ¼ SE ¼; Section 34 except S½; Sections 35-36.

MAP AND DESCRIPTION OF WA-04-A TAKEN FROM UNITED STATES FISH AND WILDLIFE SERVICE 1:100,000 MAP; CHEHALIS RIVER, WASHINGTON; 1995.

CRITICAL HABITAT INCLUDES ONLY STATE OR COUNTY LANDS DESCRIBED WITHIN THE FOLLOWING AREAS:

T.16N., R.05W. WILLAMETTE MERIDIAN: S½ SW ¼, SE ¼ Section 1; S½ SE ¼, NE ¼ SE ¼ Section 2; N½, SW ¼, NW ¼ SE ¼ Section 11; N½ Section 12; Section 13 except N½ NW ¼, NW ¼ NE ¼.

T.17N., R.03W. WILLAMETTE MERIDIAN: Section 19; Sections 30-32; Section 33 except SE ¼ SE ¼.

T.17N., R.04W. WILLAMETTE MERIDIAN: Sections 14-36.

T.17N., R.05W. WILLAMETTE MERIDIAN: Section 13; E½ Section 14; S½, NE ¼ Section 23; Sections 24-25; SW ¼ NW ¼, S½, S½ Section 26; S½ SE ¼, NE ¼ SE ¼, SE ¼ NE ¼ Section 27; Sections 28-36.

T.12N., R.08W. WILLAMETTE MERIDIAN: Section 2 except NE ¼ NE ¼; Sections 3-5; Section 9; Section 10 except NW ¼ NW ¼; W½, N½ NE ¼, SW ¼ NE ¼ Section 11; W½, W½ NE ¼ Section 14; Sections 15-16.

T.12N., R.09W. WILLAMETTE MERIDIAN: N½, N½ SE ¼, SE ¼ SE ¼ Section 1.

T.13N., R.08W. WILLAMETTE MERIDIAN: SW ¼ SW ¼ Section 4; Section 5 except N½ NW ¼, NW ¼ NE ¼, SE ¼ NW ¼, S½ SE ¼, NE ¼ SE ¼ Section 8; NW ¼ NW ¼; NW ¼ NW ¼ Section 16; W½, NE ¼ Section 17; Section 18; Section 19 except S½ SE ¼.

T.13N., R.09W. WILLAMETTE MERIDIAN: Sections 1-17; Section 18 except SW ¼; NE ¼ Section 19; Section 20 except W½ SW ¼; Sections 21-23; N½ NW ¼ Section 26; Section 27 except E½ SE ¼, N½ NW ¼, S½ SE ¼, NE ¼ SE ¼, NE ¼ Section 28; N½ NW ¼, W½ NE ¼ Section 33.
T.14N., R.09W. Willamette Meridian: Section 36 except NE ¼ NE ¼.
T.14N., R.10W. Willamette Meridian: S½, S½ NE ¼ Section 25; S½ Section 26; SE ¼ Section 27; Section 34 except NW ¼ NW ¼; Section 35 except NW ¼ NE ¼; SE ¼ NE ¼ Section 36.

T.11N., R.09W. Willamette Meridian: Sections 4-10; W½ Section 14; Sections 15-18; Section 19 except SW ¼ SW ¼; Sections 20-22; Sections 27-29; NW ¼, E½ Section 33; Section 34 except SW ¼.
T.11N., R.10W. Willamette Meridian: Sections 1; E½ NW ¼, S½ Section 2; E½ E½ Section 11; Section 12; N½ NW ¼, SE ¼ NW ¼, NW ¼ SE ¼, E½ SE ¼, NE ¼ Section 13; Section 36 except E½ NE ¼.
T.12N., R.10W. Willamette Meridian: NW ¼, E½ NE ¼ Section 34; Section 36.

Critical Habitat includes only State or County lands described within the following areas:
T.10N., R.09W. Willamette Meridian: That portion of the S½ SW ¼ Section 32 south of Bean Creek.

Map and description of WA-05-b taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only Private lands described within the following areas:
T.09N., R.09W. Willamette Meridian: NW ¼, W½ NE ¼ Section 5.
T.11N., R.09W. Willamette Meridian: That portion of the S½ SW ¼ Section 32 south of Bean Creek.

Map and description of WA-05-c taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only Private lands described within the following areas:
T.10N., R.10W. Willamette Meridian: NW ¼ NW ¼, NW ¼ NE ¼, that portion of the SE ¼ SW ¼ west of Ellsworth Creek, NW ¼ SE ¼, SW ¼ NE ¼ Section 35.

Map and description of WA-05-d taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Washington; Astoria, Oregon-Washington; 1995.
Critical Habitat includes only State or County lands described within the following areas:

T. 10N., R. 06W. Willamette Meridian: Sections 2-5; N½ Section 6; S½ SE¼, NE¼ SE¼, N½ NE¼, SE¼ NE¼ Section 7; Sections 8-10; Sections 14-17; E½ Section 18; Section 19; SW¼ NW¼, SW¼, W½ NE¼, NE¼ NE¼ Section 20; Section 21-27; S½ NW¼, S½ Section 28; NE¼ Section 29; NW¼, W½ NE¼ Section 30; N½, N¼ SW¼ Section 33; N½, W½ SE¼ Section 34; N½, SW¼, NW¼ SE¼ Section 35; N½, NW¼ SW¼, S½ SE¼, NE¼ SE¼ Section 36.

T. 10N., R. 08W. Willamette Meridian: N½ NW¼, SW¼ NE¼ Section 1; Section 2; NW¼ Section 10; E½ NW¼, N½ SE¼, NE¼ Section 11; W½ NW¼, SE¼ NW¼, SW¼ NE¼ Section 12.

T. 11N., R. 07W. Willamette Meridian: N½, SW¼, W½ SE¼ Section 8; Section 16 except SE¼ SE¼ Sections 17-20; W½, SW¼ SE¼ Section 21; N½ Section 29; N½, SW¼ Section 30; N½ NW¼ Section 31; Section 36.

T. 11N., R. 08W. Willamette Meridian: S½, S½ SE¼ Section 7; Sections 18-19; Sections 30-31.

T. 09N., R. 07W. Willamette Meridian: Section 3; SE¼ Section 7; Sections 18-19; Sections 30-31.

Critical Habitat includes only Private lands described within the following areas:

T. 10N., R. 07W. Willamette Meridian: N½ NW¼, NW¼ NE¼ Section 2; NE¼ Section 3.

T. 11N., R. 07W. Willamette Meridian: S½ NE¼ Section 2; NW¼ NE¼ Section 2; SW¼ SE¼, E½ SE¼ Section 10; Section 11 except N½ NW¼; Sections 12-14; Section 15 except N½ NW¼, S½ SE¼ Section 16; SE¼, SE¼ NE¼ Section 21; Sections 22-28; SE¼ SE¼ Section 29; W½ NW¼, SW¼, W½ SE¼ SE¼ SE¼, E½ NE¼ Section 33; Section 34 except NW¼; Sections 35-36.

T. 10N., R. 08W. Willamette Meridian: Section 28 except NE¼ NE¼; W½, NE¼ Section 32; Section 34.

Map and description of WA-05-f taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only Private lands described within the following areas:

T. 11N., R. 05W. Willamette Meridian: E½ NW¼, that portion of the NE¼ west of the East Fork Chehalis River Section 15.
U.S. Fish and Wildlife Serv., Interior § 17.95

Critical Habitat includes only Private lands described within the following areas:
T.12N., R.06W. Willamette Meridian: NE ¼ Section 1; N ½, N ½ S ½ Section 3; N ½, N ½ Section 6.
T.12N., R.07W. Willamette Meridian: N ½, N ½ SW¼ Section 1; N ½, N ½ S ½ Section 2; NE ¼ Section 3.
T.12N., R.08W. Willamette Meridian: NE ¼ Section 1.
T.12N., R.09W. Willamette Meridian: S ½ S ½ Section 7; NE ¼ SW¼, S ½ SW¼, SE ¼ Section 8; S ½ SW¼, NE ¼ SW¼ Section 9; S ½ Section 10; Sections 15-21; Section 22 except SE ¼ SW¼, SW¼ SE¼, E¼, E¼; N ½ NW¼, SW¼ NW¼ Section 27; NE ¼ Section 28; Section 29-31; Section 32 except W ½ SW¼.
T.12N., R.10W. Willamette Meridian: NW¼, W¼ SW¼, NE¼ SW¼, W¼ NE¼ Section 5; Sections 6-7; W½ NW¼ Section 8; S½ SE¼ Section 10; S½ SW¼, SE¼ Section 11; S½ Section 12; Sections 13-15; SE¼ Section 16; Sections 18-20; Section 34 except SW¼ SW¼; Section 35; N¼, SW¼ NW¼, SW¼ NW¼, E¼ SE¼ Section 36.

Critical Habitat includes only State or County lands described within the following areas:
T.12N., R.06W. Willamette Meridian: N ½ NW¼, SW¼ NW¼ Section 5; SE¼ NE¼ Section 6.
T.12N., R.07W. Willamette Meridian: SE¼ Section 3 except N¼ NW¼, N¼, W½ SW¼ Section 6; W½, SW¼ SE¼ Section 7; SE¼ NE¼, NE¼ SE¼ Section 9; Section 10 except NE¼; Sections 11-16; W½ SW¼, SE¼ SW¼, S½ SE¼, NE¼ SE¼, NE¼ Section 17; NW¼, E¼ Section 18; S¼ NW¼, S¼, E¼ NE¼ Section 19; N¼, SE¼ Section 20; Sections 21-24; Section 27; Section 29 except W½ NW¼; S½ Section 30; W½ Section 31; NW¼, NW¼ NE¼, Section 32; Section 36.
T.12N., R.08W. Willamette Meridian: S½ Section 1; S½ SE¼ Section 4; N ½ NW¼, SE¼ SW¼, E¼ Section 12.
T.13N., R.06W. Willamette Meridian: SW¼ NW¼, W½ SW¼ Section 31.
T.13N., R.07W. Willamette Meridian: SE¼ SE¼ Section 34; SW¼ SW¼, SE¼ SE¼ Section 35; Section 36.

Map and description of WA-05-g taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Map and description of WA-05-h taken from United States Fish and Wildlife Service 1:100,000 map; Chehalis River, Washington; 1995.

Map and description of WA-05-f taken from United States Fish and Wildlife Service 1:100,000 map; Chehalis River, Washington; 1995.
Critical Habitat includes only Federal lands designated as Late Successional Reserve Seves described within the following areas:

T.28N., R.02W. Willamette Meridian: W½ SW¼, NE ¼ SE ¼, NE ¼ Section 2; Section 3 except E½ NE ¼ NW¼, E½ Section 4; W½, W½ SE ¼, N½ NE ¼ Section 3; Sections 6-7; W½, S½ SE ¼ Section 8; S½ S½, NE ¼ NE ¼ Section 9; Section 10 except SW¼ NW¼; Section 14 except E½ SE ¼; N½ NW¼, S½ SW¼, NE ¼ SE ¼; E½ NE ¼ Section 15; Section 16-21; W½, SW¼ SE ¼ Section 22; Section 27 except NE ¼ NE ¼.

T.28N., R.03W. Willamette Meridian: Sections 1-3, E½, E½ NW¼ Section 10; Sections 11-13, Section 14 except the SW¼ SW¼, S½ NW¼, NE ¼ NW¼, SW¼, SW¼ SE ¼, NE ¼ Section 15; S½ Section 16; SE ¼ SE ¼ Section 17; S½ N½, N½ S½ Section 19; S½ NW¼, NE ¼ NW¼, N½ SW¼, NE ¼ Section 20; NE ¼ Section 21; N½ NW¼, N½ SE ¼, NE ¼ Section 22; Section 23 except SW¼ SW¼, NE ¼ SE ¼; Section 24 except N½ SW¼.

T.28N., R.04W. Willamette Meridian: E½ NW¼, NE ¼ SE ¼, NE ¼ Section 24.

T.27N., R.02W. Willamette Meridian: SW¼ SW¼ Section 5; Section 6 except NE ¼ NE ¼; Section 7; W½, W½ SE ¼ Section 8; W½, W½ SE ¼ Section 17; Sections 18-19; Section 20 except the NE ¼ NE ¼, S½ NW¼, SW¼ Section 28; Sections 29-33; W½, N½ NE ¼ Section 34; N½ NW¼, E½ Section 35.

T.27N., R.03W. Willamette Meridian: Sections 1-2; N½ SE ¼, SE ¼ SE ¼, NE ¼ Section 3; Section 11-13, Section 14 except SW¼ NW¼ Section 15; E½ SE ¼ Section 16; SE ¼ SE ¼ Section 22; Sections 23-26; Section 27 except NW¼ NW¼, S½ Section 28; E½ NW¼, NE ¼ Section 33; N½ NW¼, SE ¼ NW¼, S½ SW¼, NE ¼ SW¼, E½ Section 34; Sections 35-36.

T.28N., R.02W. Willamette Meridian: N½ NW¼, SW¼ NE ¼ Section 5; SW¼ SW¼ Section 7; S½ SW¼ Section 8; N½ NW¼, NW¼ SE ¼, S½ SE ¼ Section 17; NW¼, S½ NE ¼ Section 18; NW¼, S½ SW¼ Section 20; SW¼ Section 28; W½ NE ¼ Section 29; SE ¼ SW¼, S½ SE ¼ Section 30; S½ NW¼, SW¼, W½ SE ¼, N½ NE ¼ Section 31.

T.28N., R.03W. Willamette Meridian: N½, W½ SE ¼, NE ¼ SE ¼ Section 1; W½, SW¼ SE ¼, NE ¼ Section 2; Sections 3-10; W½, NW¼ SE ¼, S½ SE ¼ Section 11; S½ SW¼, NE ¼ SW¼, SE ¼ SE ¼ NE ¼ Section 12; Sections 13-23; N½, NW¼ SW¼, NE ¼ SE ¼ Section 24; N½ SW¼, W½ NW¼ Section 25; Sections 26-30; N½, N½ SW¼, SW¼ SW¼, N½, SE ¼ Section 30; NE ¼ NW¼, E½ Section 32; Section 33 except S½ SW¼, SW¼ SE ¼; Section 34; Section 35 except NE ¼ SE ¼, SE ¼ NE ¼; Section 36.

T.28N., R.04W. Willamette Meridian: NE ¼ NE ¼ Section 1; SE ¼ SE ¼, SE ¼ NE ¼ Section 12; S½ SW¼, NE ¼ SW¼, SE ¼, SW¼ NE ¼, E½ NE ¼ Section 13; E½ SE ¼, SE ¼ NE ¼ Section 23, Sections 24-25; SE ¼ SW¼, S½ SE ¼, NE ¼ SE ¼, E½ NE ¼ Section 26; E½ W½, E½ Section 35; NW¼, N½ SW¼, SW¼ SW¼, N½ NE ¼, SW¼ NE ¼ Section 36.

T.29N., R.02W. Willamette Meridian: W½ NW¼, SE ¼ NW¼, S½, S½ NE ¼ Section 30; SW¼ NW¼, W½ SW¼, NE ¼ SE ¼ Section 31; W½ NW¼, SE ¼ NW¼, SW¼, W½ SE ¼ Section 32.

T.29N., R.03W. Willamette Meridian: Section 19; NW¼, W½ SW¼ Section 20; SE ¼ NW¼ Section 22; SE ¼ NW¼, S½, SW¼ NE ¼, E½ NE ¼ Section 23; Section 24 except NE ¼ SE ¼, SE ¼ NE ¼ Section 25; N½, N½ SW¼, E½ SE ¼ Section 26; S½, SW¼ NE ¼, E½ NE ¼ Section 27; SE ¼ NW¼, SW¼ Section 28; Section 29 except NE ¼ NE ¼; Sections 30-34; S½, SW¼ NW¼, NE ¼ NE ¼ Section 35; Section 36.

T.29N., R.04W. Willamette Meridian: S½, S½ NW¼, NW¼ NW¼, SW¼ NE ¼ Section 19; S½ Section 20; S½ Section 21; E½ W½, SW¼ NW¼, W½ SE ¼, NE ¼ Section 22; E½ SW¼, NW¼ SW¼, E½ NW¼ Section 23; Section 24; Section 25 except NW¼ NW¼; W½ NW¼, NW¼, NE ¼ SW¼, E½ Section 26; N½, N½ SE ¼ Section 27; Sections 28-30; N½ Section 32; N½ NW¼, SW¼ NW¼, NW¼ NE ¼ Section 33; E½ NE ¼, NW¼ NE ¼, NW¼ SW¼ Section 34; W½ NW¼, SE ¼ NW¼, N½ SW¼, NE ¼ SW¼, N½ SE ¼, S½ NE ¼, NE ¼ NE ¼ Section 35; Section 36 except SW¼ SW¼.

Critical Habitat includes only State or County lands described within the following areas:

T.29N., R.03W. Willamette Meridian: W½ SW¼, SE ¼ SW¼, SW¼ SE ¼ Section 4; S½ SW¼, SE ¼ SW¼ NE ¼ Section 5; SW¼ NW¼, W½ SW¼, S½ SE ¼ Section 6; Section 7 except E½ NW¼; Sections 8-9; W½ NW¼, SE ¼ NW¼, SW¼ NW¼, NW¼ SE ¼, NE ¼ Section 10, NW¼, E½ SW¼, SE ¼ NE ¼ Section 11; NW¼, E½ SW¼ Section 13; Section 14 except W½ NW¼, SE ¼ NW¼; N½ NW¼ Section 15; W½, NW¼ NE ¼, NW¼ SE ¼ Section 16; Section 17; NW¼ NW¼, E½ NW¼, NE ¼ SW¼, E½ Section 18; S½ NW¼, NE ¼ SE ¼, NE ¼ Section 21; NE ¼ NE ¼ Section 28.

T.29N., R.04W. Willamette Meridian: E½ SW¼, SW¼ SE ¼ Section 1; E½, SE ¼ SW¼ Section 12; E½ NW¼, NE ¼ SW¼, NE ¼ SW¼ Section 18.
333

U.S. Fish and Wildlife Serv., Interior § 17.95

Map and description of WA-06-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Olympus and Shelton, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.23N., R.04W. Willamette Meridian: NW¼, N½ NW¼ NE¼ Section 3; Section 4 except SE¼ SE¼; Sections 5-6; N½ Section 7; N½ Section 8; NW¼ Section 9.

T.23N., R.05W. Willamette Meridian: E½ SW¼, SE¼ Section 3; NE¼ NW¼, NE¼ SE¼; NE¼ Section 10; N½ N½; N½ S½ Section 11; S½ NW¼, NE¼ NW¼, NE¼ Section 12.

T.24N., R.03W. Willamette Meridian: Sections 5-6; NW¼, NW¼ NE¼ Section 7.

T.24N., R.04W. Willamette Meridian: Sections 1-5; E½ E½ Section 6; Section 7 except NW¼ NW¼, SE¼ SE¼; Sections 8-10; SE¼ SW¼, E½ Section 17; N½ NW¼ Section 18; N½ SE¼, SE¼ SE¼, S½ NE¼, NE¼ NE¼ Section 19; Sections 20-24; Section 25 except SE¼ SE¼; Sections 26-29; SE¼, S½ NE¼, NE¼ NE¼ Section 30; Section 31 except NW¼ NW¼; Sections 32-35; N½ NW¼ Section 36.

T.24N., R.05W. Willamette Meridian: SE¼ SE¼ Section 12; N½ NW¼, NE¼ Section 13.

T.25N., R.03W. Willamette Meridian: Section 1 except E½ SW¼, W½ SE¼; Sections 2-3; E½ E½ Section 4; E½ E½ Section 9; Sections 10-12; N½ NW¼, NW¼ SE¼ Section 13; Sections 14-15; Section 16 except NW¼ NW¼, SE¼ NW¼, S½, S½ NE¼ Section 17; SE¼ SE¼ Section 18; E½ NW¼, S½ SW¼, NE¼ SW¼, E½ Section 19; Sections 20-21; Section 22 except S½ SE¼; SE¼ Section 23; S½ NW¼, S½ Section 24; Section 25; S½ NW¼, SW¼, E½ SE¼, SW¼ NE¼ Section 26; NW¼, N½ S½, S½ NE¼ Section 27; Sections 28-32; Section 33 except E½ E½, SW¼ SE¼; SE¼ NW¼, E½ SW¼; NW¼ SE¼, NE¼ Section 36.

T.25N., R.04W. Willamette Meridian: E½ E½, SW¼ SE¼ Section 25; SW¼ Section 26; S½, S½ NE¼ Section 27; S½, NE¼ Section 33; Sections 34-36.


T.26N., R.03W. Willamette Meridian: Section 25; E½ Section 26; S½ Section 34; Section 35 except W½ NW¼ Section 36.

Map and description of WA-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Bellingham and Mt. Baker, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.37N., R.06E. Willamette Meridian: NE¼ Section 1.

T.37N., R.07E. Willamette Meridian: W½, W½ E½ Section 3; Sections 4-5; N½, N½ SE¼ Section 6; NE¼ NW¼, N½ NE¼ Section 8; NE¼ NW¼, NW¼ NE¼ Section 10.

T.38N., R.06E. Willamette Meridian: Section 1; Sections 12-13; E½, E½ W½ Section 36.

T.38N., R.07E. Willamette Meridian: NW¼, N½ SW¼, SW¼ NW¼ Section 3; Sections 4-8; Section 9 except S½; SE¼, W½ NW¼ Section 10; NW¼ Section 16; Section 17 except E½ SE¼; Sections 18-19; NW¼, W½ NE¼, NW¼ SW¼ Section 20; SW¼, W½ SE¼ Section 21; E½ SE¼ Section 26; SW¼ Section 28; Section 30 except NE¼ SE¼; Sections 31-33; W½ Section 34.

T.39N., R.06E. Willamette Meridian: Section 25 Section 36.

T.39N., R.07E. Willamette Meridian: Sections 1-4; Section 5 except SW¼ SW¼, SE¼ SE¼; E½ Section 8; Sections 9-12; Section 14-15; N½, SE¼ Section 16; NE¼ Section 17; Section 21 except NW¼; W½ Section 22; NE¼ NW¼, N½ NE¼ Section 23; W½, SW¼ NE¼ Section 27; Section 28; W½ SW¼ Section 30; Sections 31-33; W½ Section 34.
§ 17.95

T.39N., R.08E. Willamette Meridian: Sections 1-12; W½ Section 15; Sections 16-17; SE¼ SW¼, SE½ S½ NE¼, NE¼ NE¼ Section 19; Sections 20-21; W½ Section 22.

T.39N., R.08E. Willamette Meridian: N½ NW¼, SW¼ NW¼, NW¼ SW¼, S½ SW¼, N½ NE¼ Section 3; Sections 4-8; Section 9 except SW¼ SE¼ Section 10 except E½ E¼; SW¼ NW¼, NW¼ SW¼ Section 14; NE¼ NW¼, NE¼ SE¼, NE¼ Section 15; W½ Section 16; Section 17; NE¼, N½ SE¼, SE¼ SE¼ Section 18; NE¼ NW¼, NE¼ Section 20; NW¼, N½ SW¼, W½ NE¼ Section 21.

T.40N., R.07E. Willamette Meridian: Sections 1-4; E½, E½ W½ Section 5; E½ NW¼, N½ SE¼, NE¼ Section 8; Section 9 except SW¼ SW¼; Sections 10-15; E½ NW¼, E½ Section 16; SE¼, E½ SW¼ Section 20; SW¼, E½ Section 21; Sections 22-28; E½ W½, E½ Section 29; Sections 32-36.

T.40N., R.08E. Willamette Meridian: Sections 2 except NE¼, NE¼ NW¼, NE¼ SE¼; Sections 3-10; Section 11 except S½ SE¼; NW¼ Section 12; NW¼, NW¼ SW¼, NW¼ SE¼, NE¼ Section 15; Sections 16-20; NW¼, W½ SW¼, NW¼ NE¼ Section 29; Sections 30-31; S½, W½ NW¼, S½ NE¼ Section 32; Section 33 except NW¼ NW¼; Sections 34-36.

T.40N., R.08E. Willamette Meridian: SE¼ SE¼ Section 19; S½ NW¼, SW¼, W½ E½ Section 20; Section 29 except E½ SE¼, SE¼ NE¼; S½ SW¼, NE¼ SW¼, S½ SE¼, NE¼ SE¼; E½ NE¼ Section 30; Sections 31-32; S½ S½, N½ SE¼ Section 33; Section 34 except N½ N½, S½ N½, SW¼, N½ SE¼, SW¼ SE¼ Section 35.

T.41N., R.07E. Willamette Meridian: Sections 3-4, W½ SW¼ Section 35.

Critical Habitat includes only State or County lands described within the following areas:

T.37N., R.06E. Willamette Meridian: SW¼ SW¼ Section 20; NE¼ NE¼ Section 28.

Critical Habitat includes only Private lands described within the following areas:

T.37N., R.06E. Willamette Meridian: N½ SW¼, SE¼ SW¼, SE¼ Section 20; SW¼ Section 21; Section 28 except NE¼; N½ NE¼ Section 29; NE¼ NW¼ Section 33.

Map and description of WA-07-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Baker and Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.35N., R.09E. Willamette Meridian: Sections 1-2; E½ W½, E½ Section 11; Section 12; NE¼ NE¼ Section 13; NE¼ NW¼, N½ NE¼ Section 14.

T.35N., R.10E. Willamette Meridian: W½ NW¼, SE¼ NW¼, SW¼, S½ SE¼ Section 6; Section 7; Section 8 except N½ NE¼; W½ SW¼ Section 9; N½ NW¼ Section 17; N½ NE¼, NW¼ Section 18.

T.36N., R.07E. Willamette Meridian: Section 1; E½ SE¼, NE¼ Section 2; Section 3; E½ E½ Section 4.

T.36N., R.08E. Willamette Meridian: Section 5; W½ W½ Section 6.

T.36N., R.08E. Willamette Meridian: Sections 1-4; E½ Section 5; Section 8 except S½ SE¼; W½ NW¼, NW¼ SW¼, NE¼ NE¼ Section 9; N½ NW¼, N½ SE¼, SE¼ SE¼, NW¼ NE Section 10; Section 11 except S½ NW¼, NE¼ NW¼; Sections 12-15; Sections 21-24; S½ NW¼ Section 26; Section 27 except SW¼ SW¼; Section 28 except SE¼ SE¼ S½, S½ NE¼, SE¼ NW¼ Section 33.

T.36N., R.10E. Willamette Meridian: SW¼ SW¼ Section 5; S½ S½ Section 6; Section 7; W½ W½ Section 8; W½, W½ SE¼ Section 17.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.34N., R.12E. Willamette Meridian: Sections 1-10; N½ NW¼, N½ SE¼ Section 1; W½ SW¼, E½ SW¼ Section 2; E½ SE¼, S½ SE¼ Section 3; E½ SW¼, W½ NW¼ Section 4; N½ SE¼ Section 5; E½ SE¼, S½ SE¼ Section 6; SW¼ NW¼, NE¼ SW¼ Section 7; NE¼ SW¼ Section 8; SE¼ SW¼, NE¼ SW¼ Section 9; W½ SW¼, S½ SE¼ Section 10; S½ SE¼, NE¼ SW¼ Section 11; N½ NE¼ Section 12; E½ SE¼ Section 13; S½ SE¼ Section 14; Sections 15-22; W½ W¼, SE¼ SW¼ Section 23; SW¼ SW¼ Section 24; W½, SE¼ Section 25; Sections 27-29; Section 30 except SW¼ SW¼ Section 31 except NW¼ NW¼, S½ NW¼, SW¼ SW¼ Sections 32-35; W½ Section 36.

T.35N., R.10E. Willamette Meridian: Section 6; N½ NW¼, NW¼ NE¼ Section 7.

T.36N., R.11E. Willamette Meridian: SE¼ SW¼, SE¼ Section 23; SW¼ SW¼ Section 24; W½ Section 25; Section 26; Section 27 except NE¼ Section 28; Sections 33-35; Section 36 except E½ NE¼.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

- **T.32N., R.08E. Willamette Meridian:**
  - N½ Section 1; N½ Section 3; NW¼ NW¼ S½ NW¼, NE¼ Section 4; N½ Section 5; N½ Section 6.

- **T.33N., R.08E. Willamette Meridian:**
  - Sections 1-30; Section 31 except S½ SE¼; Section 32; Section 33 except S½ SE¼; Section 34 except SE¼ SW¼; Section 35; Section 36 except N½ SE¼, SE¼ NE¼.

- **T.33N., R.09E. Willamette Meridian:**
  - W½, W½ E½ Section 2; Section 3 except S½ SW¼; Sections 4-8; Section 9 except E½ SE¼, SE¼ NE¼; E½ E½, NW¼ NE¼ Section 10; W½, NW¼ SE¼, W½ NE¼ Section 11; NW¼ NW¼ Section 14; NE¼ NE¼ Section 15; W½ Section 16; Sections 17-20; Section 21 except NE¼; S½ SW¼ Section 22; N½ NW¼ Section 29; NW¼, W½ SW¼, N½ NE¼ Section 30.

- **T.34N., R.07E. Willamette Meridian:**
  - Sections 1-6; Section 7 except N½ SE¼, SE¼ SE¼; Section 8 except SW¼ SW¼; Sections 9-15; Section 16 except W½ E½; Sections 17-21; Section 22 except SW¼; Sections 23-26; S½ Section 27; Sections 28-29; S½ NW¼, S½, NW¼ NE¼ Section 32; Section 33; Section 34 except SW¼ NE¼.

- **T.34N., R.08E. Willamette Meridian:**
  - Sections 2-11; Section 12 except N½ NW¼; Sections 13-28; Section 29 except S½ NW¼, N½ SW¼; Section 30 except SE¼ NW¼, N½ SW¼, SW¼ NE¼ Sections 31-36.

- **T.34N., R.09E. Willamette Meridian:**
  - Sections 19-22; Sections 27-34.

- **T.35N., R.07E. Willamette Meridian:**
  - S½ SW¼, NE¼ SW¼ Section 27; S½ Section 28; Section 29 except NW¼ NW¼, NE¼ SE¼ SW¼, SE¼ Section 30; Sections 31-34; S½ Section 35.

Map and description of WA-08-b taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995. Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

- **T.33N., R.10E. Willamette Meridian:**
  - Section 1.

- **T.33N., R.11E. Willamette Meridian:**
  - Section 5 except E½ SE¼; Section 6.

- **T.34N., R.10E. Willamette Meridian:**
  - SE¼ NW¼, NE¼ SW¼, E½ Section 10; Sections 11-14; NW¼ NE¼, E½ E½ Section 15; E½ SE¼ Section 21; Section 22 except NW¼, NW¼ NE¼; Sections 23-27; NW¼ NE¼, E½ E½ Section 28; NE¼ SE¼, E½ NE¼ Section 33; Sections 34-36.

- **T.34N., R.11E. Willamette Meridian:**
  - Section 5 except N½ NE¼, NE¼ NW¼; Sections 6-8; W½ SW¼ Section 9; S½ SE¼, SE¼ SW¼ Section 10; SW¼ SW¼ Section 11; W½ W½ Section 14; Section 15 except NW¼ NW¼; Section 16 except N½ NE¼; Sections 17-22; W½ W½ Section 23; W½ W½ Sections 26-27 except W½ SW¼; N½ Section 29; W½, N½ NE¼, SE¼ NE¼, W½ SE¼ Section 29; Sections 30-31; Section 32 except NE¼ NE¼; NE¼ NW¼, N½ NE¼ Section 34; NW¼ NW¼ Section 35.

Map and description of WA-09-a taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995. Critical Habitat includes only Federal lands described within the following areas:

- **T.33N., R.07E. Willamette Meridian:**
  - W½, W½ NE¼ Section 5; E½ E½ Section 6; SE¼, S½ NE¼, NE¼ NE¼ Section 7; W½ Section 8; W½ Section 17; E½ E½ Section 18.

- **T.32N., R.07E. Willamette Meridian:**
  - SW¼, SW¼ SE¼ Section 32.
Map and description of WA-09-b taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995. Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.09E. Willamette Meridian: Sections 1-6; 1/2 Section 2; Sections 8-9; Section 10.

T.29N., R.10E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.

T.29N., R.11E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.

T.30N., R.08E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.

T.30N., R.09E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.

T.30N., R.10E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.

T.30N., R.11E. Willamette Meridian: Sections 1-6; 1/2 Section 7; Sections 11-12.
Map and description of WA-09-c taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River and Skykomish River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.28N., R.09E. Willamette Meridian: E 1/2 NW 1/4, NE 1/4 Section 1.

T.28N., R.10E. Willamette Meridian: S 1/2 Section 19; Section 20 except NW 1/4 NW 1/4; SW 1/4 NW 1/4, W 1/2 SW 1/4 Section 21; SE 1/4 SE 1/4 Section 23; S 1/2 SW 1/4 Section 24; NW 1/4, N 1/2 SW 1/4, W 1/2 NW 1/4 Section 25; S 1/2 NW 1/4, SW 1/4 SE 1/4, NE 1/4 NE 1/4 Section 26; S 1/2 Section 27; NW 1/4, NW 1/4 NE 1/4 Section 29; N 1/2, SW 1/4 Section 30; Section 31 except SW 1/4 NW 1/4 Section 32 except E 1/2 E 1/2.

T.28N., R.09E. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 22; NE 1/4 SE 1/4 Section 25; NW 1/4, N 1/2 NE 1/4 Section 27; E 1/2 NE 1/4 Section 28.

T.28N., R.10E. Willamette Meridian: Section 30 except N 1/2 N 1/2.

Critical Habitat includes only State or County lands described within the following areas:

T.27N., R.09E. Willamette Meridian: Section 7; 5/4 Section 8; Section 9 except N 1/2 NW 1/4, N 1/2 SW 1/4, SW 1/4 Section 10, N 1/2 NW 1/4 Section 16; N 1/2, NW 1/4 SW 1/4 Section 17; Section 18 except W 1/2 SW 1/4, SE 1/4 SE 1/4.

T.28N., R.09E. Willamette Meridian: Sections 1-2; Section 3 except N 1/2 NW 1/4 Sections 4-5; W 1/2 SW 1/4, SE 1/4 SW 1/4 Section 6; Section 7, E 1/2 SE 1/4, NE 1/4 Section 8; SE 1/4 SW 1/4, E 1/2 E 1/2, SW 1/4 SE 1/4, NW 1/4 NE 1/4 Section 9; Sections 10-12; N 1/2 N 1/2, NW 1/4 SE 1/4, S 1/2 NE 1/4 Section 13; N 1/2 Section 14; Section 15; S 1/2 S 1/2, E 1/2 NE 1/4, NE 1/4 Section 16; Section 17 except NW 1/4 SW 1/4, NW 1/4 Section 18 except SW 1/4 W 1/2 Section 20; N 1/2 NW 1/4 Section 21; NE 1/4 NW 1/4, NE 1/4 Section 36.

T.28N., R.10E. Willamette Meridian: Sections 1-4; 5/4 Section 5; N 1/2, SW 1/4 Section 6; W 1/2, W 1/2 E 1/2 Section 7; NE 1/4 Section 8; Sections 9-11; Section 12 except S 1/2 SE 1/4, S 1/2 S 1/2, NE 1/4 SE 1/4 Section 13; Sections 14-16; N 1/2 NW 1/4, SE 1/4 NW 1/4, E 1/2 Section 17; SW 1/4, W 1/2 SE 1/4, SE 1/4 SE 1/4 Section 20; Section 21; Section 27; Section 28 except E 1/2 SW 1/4 Section 29 except NW 1/4; N 1/2 NW 1/4, S 1/2 NE 1/4 Section 31; N 1/2 N 1/2, S 1/2 NW 1/4 Section 32; N 1/2 NW 1/4, S 1/2 NE 1/4 Section 33; Section 34 except NE 1/4 SE 1/4; SW 1/4 Section 35.
Map and description of WA±09±d taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.12E. Willamette Meridian: SW¼ Section 3; Section 4 except N½ NE¼ Section 5; Sections 8-10; SW¼, SW¼ SE¼ Section 11; Section 13 except E½, SE¼ SW¼; Sections 14-17; NE¼ SE¼ Section 18; NE¼ Section 20; N½, N½ N½ Section 21; N½, N½ SW¼ Section 22; N½ Section 23; NW¼ NW¼ Section 24.

T.30N., R.11E. Willamette Meridian: S½ SW¼, SE¼ Section 1; S½ S½ Section 2; Sections 11-12; N½ Section 13; N½ Section 14.

T.30N., R.12E. Willamette Meridian: S½ SW¼, SE¼ Section 1; Sections 2-3; Sections 10-14; N½ N½, SE¼ NE¼ Section 15; Sections 22-25; N½, SE¼ Section 26; N½ NE¼ Section 27.

T.31N., R.11E. Willamette Meridian: N½ SW¼, SW¼ NE¼ Section 2; Sections 5-8; W½ NW¼, S½ Section 9; Section 10 except NW¼ NW¼; Section 11; W½ NW¼, SE¼ SW¼, S½ SE¼ Section 12; Sections 13-14; N½, NE¼ SW¼, SE¼ Section 15; Section 16.

T.31N., R.12E. Willamette Meridian: N½ NE¼ Section 4; NW¼, W½ NE¼ Section 5; N½, N½ NE¼ Section 6.

T.32N., R.10E. Willamette Meridian: Sections 1-3; Sections 10-14; N½ N½, SE¼ NE¼ Section 15; Sections 22-25; N½, SE¼ Section 26; N½ NE¼ Section 27.

T.32N., R.11E. Willamette Meridian: NW¼ NW¼ Section 1; Section 2; E½ W½, E½ Section 3; Sections 5-8; W½ NW¼, S½ Section 9; Section 10 except NW¼ NW¼; Section 11; W½ NW¼, SE¼ SW¼, S½ SE¼ Section 12; Sections 13-14; N½, NE¼ SW¼, SE¼ Section 15; Section 16.

T.32N., R.12E. Willamette Meridian: S½ SW¼, SW¼ SE¼ Section 7; S½, S½ NE¼ Section 8; Section 9 except N½ N½; SW¼, S½ SE¼, NW¼ SE¼ Section 10; S½ SW¼ Section 11; W½, S½ SE¼ Section 12; Sections 15-16; Section 17 except SE¼ SW¼; Sections 18-19; Section 20 except NE¼ NE¼; Sections 21-22; Section 24 except NE¼ NE¼; Sections 23-24; NW¼ SW¼, NW¼ NE¼ Section 25; Sections 26-33; N½, W½ SW¼, NE¼ SW¼ Section 34; N½ SW¼, SW¼ NW¼ Section 35.

T.33N., R.11E. Willamette Meridian: S½ SW¼, SW¼ SE¼ Section 15; E½ SW¼, SE¼ Section 16; Sections 21-22; S½ NW¼, SW¼, NW¼ SE¼, SW¼ NE¼ Section 23; W½, W½, E½ Section 25; Section 26 except NE¼ NE¼;
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.27N., R.11E. Willamette Meridian: Sections 1–20; W½ NW¼, N½ SW¼, SE¼ Section 21; Sections 22–31.

T.27N., R.12E. Willamette Meridian: SW¼ NW¼ Section 2; Sections 3–9 except N½ NE¼; Sections 10–11; N½ N½ Section 13; N½, W½ SW¼, NE¼ SW¼, NW¼ SE¼ Section 16; Sections 17–19; W½ Section 20; W½ Section 29; Sections 30—31; NW¼, N½ SW¼, SW¼ NW¼ Section 32.

T.28N., R.10E. Willamette Meridian: SW¼ SE¼; Section 33; E½ SE¼ Section 34; T.28N., R.11E. Willamette Meridian: Sections 1–3; W½ NW¼, SW¼ SE¼ Section 4; Section 5; Sections 6–9 except N½ NE¼; Sections 10–13; N½ NE¼ Section 16; E½ SE¼ Section 17; SE¼ NW¼, S½ NE¼ Section 18; E½ SE¼ Section 19; SE¼ NW¼, SW¼ SE¼ Section 20; Sections 21–29; SE¼ NW¼ Section 30; Section 31 except NW¼; Sections 32–36.

T.28N., R.12E. Willamette Meridian: SW¼ NE¼, NW¼ SW¼ Section 1; SW¼ SE¼; Section 3; SW¼ SE¼ Section 4; Section 5; Sections 6–9 except N½ NE¼; Sections 10–11; N½, W½ SW¼, SW¼ SE¼ Section 16; Sections 17–19; W½ SW¼, SW¼ SE¼ Section 20; SE¼ NW¼, S½ NE¼ Section 21; E½ SE¼ Section 22; SE¼ NW¼, SW¼ SE¼ Section 23; W½ SW¼, SE¼ SW¼ Section 24; Sections 25–31; W½ Section 32; Section 33 except NW¼; Sections 34–36.

T.29N., R.10E. Willamette Meridian: Sections 1–3; SW¼ NW¼, SE¼ NE¼ Section 4; Sections 5–6; W½, W½ SE¼ Section 9; Sections 10–11; S½ SE¼ Section 16; Sections 17–19; N½, N½ SE¼ Section 18; SE¼ NE¼; Section 19; SW¼ NW¼, W½ SW¼ Section 20; NW¼ NW¼ Section 21; N½ NW¼ Section 30.

T.29N., R.11E. Willamette Meridian: Sections 1–3; SW¼ NW¼, SE¼ NE¼ Section 4; Sections 5–6; W½, W½ SE¼ Section 9; Sections 10–11; S½ SE¼ Section 16; Sections 17–19; N½, N½ SE¼ Section 18; SE¼ NE¼; Section 19; SW¼ NW¼, W½ SW¼ Section 20; NW¼ NW¼ Section 21; N½ NW¼ Section 30.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.12E. Willamette Meridian: SW¼ NE¼, NW¼ SW¼ Section 1; SW¼ SE¼; Section 3; SW¼ SE¼ Section 4; Section 5; Sections 6–9 except N½ NE¼; Sections 10–11; N½, W½ SW¼, SW¼ SE¼ Section 16; Sections 17–19; W½ SW¼, SW¼ SE¼ Section 20; SE¼ NW¼, SW¼ SE¼ Section 23; W½ SW¼, SE¼ SW¼ Section 24; Sections 25–31; W½ Section 32; Section 33 except NW¼; Sections 34–36.

T.28N., R.10E. Willamette Meridian: Sections 1–3; SW¼ NW¼, SE¼ NE¼ Section 4; Sections 5–6; W½, W½ SE¼ Section 9; Sections 10–11; S½ SE¼ Section 16; Sections 17–19; N½, N½ SE¼ Section 18; SE¼ NE¼; Section 19; SW¼ NW¼, W½ SW¼ Section 20; NW¼ NW¼ Section 21; N½ NW¼ Section 30.

T.28N., R.11E. Willamette Meridian: Sections 1–3; SW¼ NW¼, SE¼ NE¼ Section 4; Sections 5–6; W½, W½ SE¼ Section 9; Sections 10–11; S½ SE¼ Section 16; Sections 17–19; N½, N½ SE¼ Section 18; SE¼ NE¼; Section 19; SW¼ NW¼, W½ SW¼ Section 20; NW¼ NW¼ Section 21; N½ NW¼ Section 30.
Map and description of WA-10-c taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Skykomish River and Snoqualmie Pass, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

- T.20N., R.10E. Willamette Meridian: S 1/2 Section 2; NW1/4, SE1/4 Section 1; Sections 3-7; NE1/4, NW1/4 Section 8; Sections 9-10; S 1/2 NE1/4, SE1/4 Section 11; NE1/4, NW1/4 Section 12; Sections 13-14; NE1/4 Section 15; Sections 16-17; SW1/4, SE1/4 Section 18; NE1/4 Section 19; S 1/2 NE1/4, NW1/4 Section 20; NE1/4, NW1/4 Section 21; S 1/2 NE1/4, NW1/4 Section 22; NE1/4, NW1/4 Section 23; SE1/4 Section 24; NE1/4 Section 25; S 1/2 NE1/4 Section 26; S 1/2 NE1/4 Section 27; S 1/2 NE1/4 Section 28; NE1/4 Section 29; S 1/2 NE1/4 Section 30; NE1/4 Section 31; S 1/2 Section 32; NE1/4 Section 33; Sections 34-35; NE1/4 Section 36.  

- T.21N., R.10E. Willamette Meridian: NE1/4 NW1/4, S 1/2 NE1/4 Section 8; Sections 9-10; N 1/2 Section 11; SW1/4 Section 12; NE1/4 Section 13; Sections 14-15; NE1/4, NW1/4 Section 16; W1/4 Section 17; SW1/4, NE1/4 Section 18; SW1/4 Section 19; NE1/4 Section 20; SW1/4 Section 21; SE1/4 Section 22; Sections 23-24; NE1/4 Section 25; NE1/4 Section 26; SE1/4 Section 27; NE1/4 Section 28; NE1/4 Section 29; NE1/4 Section 30; S 1/2 Section 31; S 1/2 Section 32; NE1/4 Section 33; S 1/2 Section 34; NE1/4 Section 35; NE1/4 Section 36.  

- T.22N., R.10E. Willamette Meridian: S 1/2 SW1/4, NW1/4, NE1/4 SW1/4 Section 8; Sections 9-10; W1/4, SW1/4 Section 11; Sections 12-13; SW1/4, NE1/4 Section 14; Sections 15-16; SW1/4, NE1/4 Section 17; SW1/4 Section 18; NE1/4 Section 19; SW1/4 Section 20; SE1/4 Section 21; SW1/4 Section 22; NE1/4 Section 23; SW1/4 Section 24; NE1/4 Section 25; SW1/4 Section 26; SW1/4 Section 27; SW1/4 Section 28; SE1/4 Section 29; SW1/4 Section 30; NE1/4 Section 31; SW1/4 Section 32; NE1/4 Section 33; SW1/4 Section 34; NE1/4 Section 35; SW1/4 Section 36.  

- T.22N., R.11E. Willamette Meridian: S 1/2 Section 8; S 1/2 Section 9; S 1/2 Section 10; SW1/4 Section 11; W1/4 Section 12; SW1/4, NE1/4 Section 13; SW1/4 Section 14; NE1/4 Section 15; SW1/4 Section 16; NE1/4 Section 17; SW1/4 Section 18; NE1/4 Section 19; SW1/4 Section 20; NE1/4 Section 21; SW1/4 Section 22; NE1/4 Section 23; SW1/4 Section 24; NE1/4 Section 25; SW1/4 Section 26; NE1/4 Section 27; SW1/4 Section 28; NE1/4 Section 29; SW1/4 Section 30; NE1/4 Section 31; SW1/4 Section 32; NE1/4 Section 33; SW1/4 Section 34; NE1/4 Section 35; SW1/4 Section 36.  

- T.23N., R.10E. Willamette Meridian: S 1/2 SW1/4, SW1/4 Section 8; Sections 9-10; W1/4 Section 11; SW1/4 Section 12; NE1/4, NE1/4 Section 13; SW1/4 Section 14; NE1/4 Section 15; SW1/4 Section 16; NE1/4 Section 17; SW1/4 Section 18; NE1/4 Section 19; SW1/4 Section 20; NE1/4 Section 21; SW1/4 Section 22; NE1/4 Section 23; SW1/4 Section 24; NE1/4 Section 25; SW1/4 Section 26; NE1/4 Section 27; SW1/4 Section 28; NE1/4 Section 29; SW1/4 Section 30; NE1/4 Section 31; SW1/4 Section 32; NE1/4 Section 33; SW1/4 Section 34; NE1/4 Section 35; SW1/4 Section 36.
§ 17.95

50 CFR Ch. I (10-1-98 Edition)

T.24N., R.10E. Willamette Meridian: S½ SE¼, NE¼ SE¼, E½ NE¼ Section 8, N½, N½ SW¼, SE¼ Section 10; SW¼, SW¼ NW¼, SW¼ SE¼ Section 11; W½ W½, SE¼ SW¼, SW¼ SE¼, NE¼ NE¼ Section 13; N½, N½ SW¼, SE¼ Section 16; E½ NE¼, NE¼ SE¼ Section 17; SE¼ SW¼, SE¼ Section 21; Section 22 except NE¼ NE¼; SW¼, SW¼ NW¼, S½ SE¼ Section 23; SW¼ SW¼ Section 24; Section 25 except E½ SE¼, NE¼ NE¼ NW¼, S½ NE¼ Section 26, Section 27; Section 28 except NW¼; Section 29 except NW¼ NW¼; Sections 31-36.

T.24N., R.11E. Willamette Meridian: W½ SW¼, SE¼ SW¼, SW¼ SE¼ Section 31.

Map and description of WA-11-a taken from United States Fish and Wildlife Service 1:100,000 map; Snoqualmie Pass and Mt Rainier, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.10E. Willamette Meridian: Sections 1-3; E½ E½ Section 4.

T.17N., R.11E. Willamette Meridian: W½ SW¼, SE¼ SW¼ Section 6; NE¼ NW¼ Section 7.

T.18N., R.08E. Willamette Meridian: Sections 1-2; NW¼, E½ Section 3; N½ Section 4; N½ NE¼, SE¼ NE¼ Section 10; Section 11 except S½ SW¼; Sections 12-13; S½ SW¼, NE¼ SW¼, E½ Section 14; E½ E½ Section 22; Sections 23-25; N½, N½ SE¼ Section 26; E½ NE¼ Section 27; SE¼ SW¼, SE¼ Section 36.

T.18N., R.09E. Willamette Meridian: Sections 1-30; Section 31 except NW¼ NW¼; Sections 32-36.

T.19N., R.10E. Willamette Meridian: Sections 1-12; NW¼, N½ SW¼, SW¼ SE¼, N½ NE¼, NW¼ NE¼ Section 13; Sections 14-23; SW¼ NW¼, NW¼ SW¼, S½ S½ Section 24; Sections 25-30; Section 36 except SE¼ NE¼.

T.18N., R.11E. Willamette Meridian: NW¼ NW¼ Section 2; N½ N½ Section 3; N½ NW¼ Section 4; N½ NE¼, SW¼ NW¼ Section 5; Section 6; NW¼, N½ SW¼, W½ NE¼ Section 7; W½ Section 30; N½ NW¼ Section 31.

T.19N., R.10E. Willamette Meridian: Section 4; Section 6; Section 8; W½, S½ SE¼ Section 10; S½ SW¼, SE¼ Section 12; Section 14; Section 16; Section 18; Section 20; Sections 22-26; Section 28; W½, SE¼ Section 30; Section 32; W½, SE¼ Section 34; Section 36.

T.19N., R.11E. Willamette Meridian: W½, SE¼ Section 18; Section 20; Section 28; Sections 30-32; Section 34 except NW¼ NE¼.

T.20N., R.10E. Willamette Meridian: W½, SE¼ Section 18; Section 20; Section 28; Sections 30-32, Section 34 except NW¼ SE¼, SW¼ NE¼, N½ NE¼ Section 34 except SE¼ SE¼.

T.20N., R.11E. Willamette Meridian: W½, SE¼ Section 18; Section 20; Section 28; Sections 30-32, Section 34 except NW¼ SE¼, SW¼ NE¼, N½ NE¼ Section 34 except SE¼ SE¼.

Map and description of WA-11-b taken from United States Fish and Wildlife Service 1:100,000 map; Snoqualmie Pass and Mt Rainier, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.07E. Willamette Meridian: S½ N½, S½, NE¼ NE¼ Section 4; E½ SE¼ Section 5; Section 8 except W½ NW¼; Section 9; Sections 16-21; Section 28; N½ N½ Section 29; Section 30.

T.18N., R.07E. Willamette Meridian: SW¼, SW¼ SE¼ Section 12; NW¼, W½ NE¼ Section 13; SE¼ NW¼, SW¼, N½ SE¼, NE¼ Section 14; E½ NW¼, NE¼ SW¼, NW¼ SE¼, NE¼ Section 22; NW¼ NW¼ Section 23; Section 36 except W½ NW¼, NE¼ NW¼.

T.18N., R.08E. Willamette Meridian: SW¼ Section 20; S½ SW¼, SE¼ SW¼ Section 28; Section 29 except NE¼; S½ SW¼, NE¼ SW¼, SE¼ Section 30; Sections 31-34; SW¼ NW¼, W½ SW¼, SE¼ SW¼ Section 35.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.13N., R.03E. Willamette Meridian: Section 2; Section 4; Section 8; Section 10; Section 12; Section 14; Section 16; N 1/2 NW1/4, SE1/4 NW1/4, NE 1/4 Section 22; Section 24.

T.13N., R.04E. Willamette Meridian: NE 1/4 Section 2; Sections 4-8; Section 16; Section 18; N 1/2, SE 1/4 Section 20; N 1/2 SE 1/4, SE 1/4 SE 1/4, NE 1/4 Section 28.

T.14N., R.03E. Willamette Meridian: Section 22; Section 24; Section 26; Section 28; Section 30; Section 32; Section 34; Section 36.

T.14N., R.04E. Willamette Meridian: Sections 2-5; SE 1/4 Section 6; Sections 8-10; W 1/2 Section 11; W 1/2 SE 1/4, SE 1/4 SE 1/4 Section 12; Sections 13-23; Section 24 except NW 1/4; Section 25 except SW 1/4; N 1/2 Section 26; Sections 27-32; E 1/2 SW 1/4, E 1/2 Section 36.

T.15N., R.04E. Willamette Meridian: S 1/2 Section 21; S 1/2 Section 22; NW 1/4 NW 1/4, S 1/2 NW 1/4, SW 1/4 Section 26; Sections 27-28; E 1/2 E 1/2 Section 29; E 1/2 Section 30; Sections 33-34; W 1/2 Section 35.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.13N., R.07E. Willamette Meridian: Section 10; Section 12; Section 14; Section 22.

T.13N., R.08E. Willamette Meridian: Sections 1-8; Section 9 except SE 1/4 SE 1/4; N 1/2 N 1/2 Section 10; N 1/2 NW 1/4 NE 1/4 SE 1/4, NE 1/4 Section 11; N 1/2, NW 1/4 SW 1/4 Section 12; W 1/2, NW 1/4 SE 1/4 Section 16; Section 17; Section 18 except S 1/2; N 1/2 NW 1/4, SE 1/4 NW 1/4, N 1/2 SE 1/4, NE 1/4 Section 20; NW 1/4, N 1/2 SW 1/4 Section 21.

T.13N., R.09E. Willamette Meridian: NW 1/4 NW 1/4 Section 3; Section 4 except S 1/2 SE 1/4; Sections 5-6; N 1/2, S 1/2 SW 1/4 Section 7; N 1/2, N 1/2 SW 1/4 Section 8; N 1/2 NW 1/4 Section 9.

T.14N., R.07E. Willamette Meridian: SW 1/4 NW 1/4, S 1/2 Section 1; Section 2 except N 1/2 SE 1/4; Section 3; S 1/2 SW 1/4, SE 1/4 Section 4; E 1/2 SE 1/4 Section 7; N 1/2; S 1/2 N 1/2 Section 8; Sections 9-17; N 1/2 NE 1/4, SE 1/4 NE 1/4 Section 18; Section 20 except SW 1/4, S 1/2 SE 1/4, N 1/2 SW 1/4, SE 1/4 Section 21; Sections 22-24; Section 25 except SW 1/4 SW 1/4; Section 26 except S 1/2 S 1/2; N 1/2, N 1/2 SE 1/4 Section 27; NE 1/4 NE 1/4 Section 28; NE 1/4 SE 1/4, NE 1/4 NE 1/4 Section 36.

T.14N., R.08E. Willamette Meridian: S 1/2 SE 1/4 Section 2; SW 1/4, W 1/2 SE 1/4 Section 3; Section 4; Section 5 except NW 1/4 NW 1/4, SW 1/4 NW 1/4, S 1/2 Section 6; Sections 7-36.

T.14N., R.09E. Willamette Meridian: Section 7; W 1/2 W 1/2 Section 8; W 1/2, SW 1/4 SE 1/4 Section 17; Sections 18-19; Section 20 except NE 1/4 NE 1/4; W 1/2 SW 1/4 Section 21; W 1/2, W 1/2 SE 1/4 Section 28; Section 29-32; Section 33 except NE 1/4 NE 1/4; SW 1/4 SW 1/4 Section 34.

T.15N., R.07E. Willamette Meridian: W 1/2, W 1/2 SE 1/4 Section 5; E 1/2 E 1/2 Section 6; E 1/2 E 1/2 Section 7; W 1/2, W 1/2 E 1/2 Section 8; SW 1/4 SW 1/4 Section 16; N 1/2 NW 1/4, NW 1/4 NE 1/4, E 1/2 SE 1/4 Section 17; S 1/2 NW 1/4, N 1/2 SW 1/4, SE 1/4 SW 1/4.
E½ Section 20; W½ W½, SE¼ SW¼ Section 21; S½ S½ Section 34.

T.10N., R.07E. Willamette Meridian: Section 32.

Map and description of OR-01-a taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Nehalem River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.05N., R.07W. Willamette Meridian: S½ SE¼ Section 3; N¼ NE¼ Section 10.

Critical Habitat includes only State lands described within the following areas:

T.06N., R.06W. Willamette Meridian: W½ SW¼, SW¼ NW¼ Section 17; Section 18 except NE¼ NE¼ Section 19; W½ W½ Section 20; W½ Section 28; E½ Section 29; NW¼, N½ SW¼ Section 30; W½ SW¼, SE¼ SW¼ Section 31; E½ Section 32; W½ Section 33.

T.06N., R.07W. Willamette Meridian: Section 13; E½ Section 14; Section 23 except NW¼ Section 24-26 Section 36.

T.07N., R.06W. Willamette Meridian: N½ SW¼, SE¼ SW¼ Section 2; W½ W½, SE¼ SW¼ Section 3; Section 4; Sections 9-11; Sections 13-14; Section 16; Sections 25-36.

T.07N., R.07W. Willamette Meridian: Sections 30-31; NW¼, S½ SW¼ Section 32.

T.07N., R.08W. Willamette Meridian: Section 22 except N½ N½; Section 23 except N½ NW¼ Section 24 except NE¼ Section 25; Section 26 except S½ SW¼; N½, N½ SW¼, SE¼ SW¼ Section 27; NE¼ Section 28; S½, NE¼ NW¼ Section 35; Section 36.

T.08N., R.06W. Willamette Meridian: Section 1 except N½ NE¼; Sections 2-6; NE¼ NE¼ Section 7; Sections 8-10; S½, NW¼ NW¼ Section 11; W½ SW¼ Section 12; Section 13 except SW¼, NE¼ NE¼ Section 14 except S½ SE¼, NW¼ SE¼ Section 15; Section 16 except SW¼ SE¼ SW¼ Section 17 except N½ NW¼; SE¼ NE¼ Section 18; S½ SE¼, NE¼ SE¼, S½ SW¼ Section 19; E½ NE¼ Section 21; N½ N½ Section 22; N½ NW¼ Section 23; NE¼ NW¼, E½ Section 24; W½ Section 28; SW¼, W½ NW¼, E½ NE¼, SW¼ SE¼ Section 29; Sections 30-32; S½ NW¼, W½ SW¼, SW¼ NE¼ Section 33.

T.08N., R.07W. Willamette Meridian: Sections 1-3; N½ NE¼, NE¼ NW¼ Section 4; NW¼ NW¼ Section 5; N½ NE¼ Section 6; E½ SE¼ Section 9; Sections 10-15; NE¼ NE¼, S½ SW¼ Section 16; S½ S½ Section 17; W½ Section 18; S½, W½ NW¼ Section 19; Sections 20-22; W½ SW¼ Section 24; W½ NW¼, NW¼ SW¼, SE¼ SE¼ Section 25; Sections 26-28; S½, W½ NW¼ Section 29; Section 30; NE¼, N½ NW¼ Section 31; E½ SE¼, N½ Section 32; Section 33; NE¼, S½ SW¼, SE¼ SE¼ Section 34; N½ NE¼, SW¼ NE¼, E½ SW¼, SW¼ SW¼ Section 35; E½, SW¼ SW¼, E½ SW¼ Section 36.

T.09N., R.08W. Willamette Meridian: E½ NW¼, NW¼ NW¼, NE¼; N½ SE¼ Section 1; N½ NW¼ Section 3; NE¼ NE¼ Section 4.

Map and description of OR-01-b taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T.03N., R.08W. Willamette Meridian: Sections 6-7; Sections 16-17; Section 18 south of Foss River; Sections 19-21; Sections 27-28.

T.03N., R.09W. Willamette Meridian: Section 1 except W½ NW¼, SE¼ SW¼, SE¼ Section 2; NW¼, W½ SW¼ Section 3; E½, S½ SW¼, NE¼ NW¼ Section 4; Section 5 except W½ NW¼ Section 8 except SW¼ NW¼, NW¼
Critical Habitat includes only Federal lands designated as Late Successional Reserve described within the following areas:

- T.01N., R.00W. Willamette Meridian: W½ SW¼, SE½ SW¼, SW¼ NW¼ Section 25; SE¼, SE½ SW¼, SE¼ NE¼ Section 26; E½ SE¼, SE¼ NE¼ Section 34; Section 35 except NW¼.
- T.01S., R.00E. Willamette Meridian: Section 7 except E½ NE¼, SE¼; S½ Section 17; S½, SE¼ NE¼ Section 18; SW¼ NE¼, SE¼ NW¼, SE¼ SE¼ Section 19; N½, NE¼ SW¼, SW¼ SW¼ Section 20; Section 21 except N½ NE¼, S½ SW¼; W½ Section 22; S½ SW¼, NW¼ SE¼ NE¼ Section 23; Section 24 except NE¼; W½ SW¼, E½ NE¼ NW¼ Section 25; Section 26 except SE¼; SE¼ NW¼, NE¼ SW¼ Section 27; N½ NW¼, N½ SE¼ Section 28; S½ NE¼, N½ SE¼, S½ SW¼, NE¼ SW¼ Section 29; NE¼, N½ NW¼, SE¼, SE¼ Section 30; N½ NE¼ Section 31.
- Critical Habitat includes only State lands described within the following areas:

Map and description of OR-01-c taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River and Yamhill River, Oregon; 1995.
§ 17.95

50 CFR Ch. I (10-1-98 Edition)

S ½ S ½, N ½ N ½, NE ½ SW ½; S ½ SW ½, Section 21; N ½ N ½, SW ½ NE ½ Section 28.

T. 05N., R. 09W. Willamette Meridian: E ½ E ½ Section 1; Section 3 except N ½ SW ½; SE ½ SE ½ Section 4; S ½ SE ½, NE ¼ SE ¼, SE ½ SW ½ Section 7; E ½ SE ¼ Section 8; SW ½ SW ½, SE ½ SE ½ Section 9; Section 13 except N ½ NW ¼, SW ¼ NE ¼; SW ½ NE ¼, SE ½ SW ½ Section 14; N ½ NE ¼, NW ½ Section 16; N ½ N ½ SE ¼ Section 17; NE ¼, E ½ NW ¼ Section 18; NW ½, W ½ NE ¼ Section 23; S ½ SW ¼, NE ¼ SE ¼, SH SE ¼ Section 24; Section 25; NE ¼, E ½ NW ¼, N ½ SE ¼ Section 28.

Critical Habitat includes only State owned and State managed lands described within the following areas:

NE ¼, N ½ SE ¼, NW ½ SE ¼, N ½ NW ¼ Section 13.

Critical Habitat includes only County lands described within the following areas:

T. 01S., R. 09W. Willamette Meridian: SW ½ Section 16; N ½, SE ¼, NE ¼ SW ½ Section 21; E ½ Section 28; NE ¼ Section 33.

Map and description of OR-01-d taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River, Oregon; 1996.

Critical Habitat includes only State lands described within the following areas:

T. 05N., R. 09W. Willamette Meridian: W ½ NW ¼, NE ¼ NW ¼, NE ½ NE ¼ Section 4; Section 5 except SW ¼ Section 3 except NE ¼, N ½ NW ¼, SW ¼ NW ¼, NW ½ NE ¼ Section 31.

Critical Habitat includes only State lands described within the following areas:

T. 01N., R. 09W. Willamette Meridian: SW ½, S ½ NW ¼ Section 1; Section 2 except NE ¼, SW ¼ NW ¼; N ½ NW ¼, SE ¼ NE ¼, S ½ NE ¼ Section 3; SE ¼, S ½ NE ¼, NW ½ SW ¼ Section 9; N ½ N ½, S ½ SW ¼, SE ½ NE ¼, SE ¼ SE ¼ Section 30; Section 11 except N ½ NE ¼, SE ¼ NE ¼, SW ¼ SE ¼, NW ¼ SW ¼; Section 13 except NW ¼ NE ¼, SE ¼ SE ¼; Section 14 except NW ¼ NE ¼; Section 15; Section 16 except E ½ NE ¼, NE ¼ SE ¼ Sections 21-22; Section 23 except S ½ SE ¼; Section 24 except E ½ NE ¼, SW ¼ SW ¼; NE ¼, E ½ NW ¼, E ½ SE ¼ Section 25.

T. 05N., R. 08W. Willamette Meridian: Section 1 except NE ¼; Sections 2-3; SE ¼, S ½ SW ¼, S ½ NE ¼ Section 7; Sections 8-18; Section 19 except E ½ NE ¼; Section 20 except N ½ NW ¼; Sections 21-22; Section 23 except SE ¼ SE ¼ Section 24; E ½ NE ¼, NW ¼ NE ¼ Section 25; Sections 27-30; Section 31 except W ½ W ½; Sections 32-33; Section 34 except SE ¼.

T. 05N., R. 07W. Willamette Meridian: E ½, E ½, SW ¼ SE ¼, SE ¼ SW ¼ Section 13; Section 22 except S ½ S ½; N ½ SW ¼ Section 23; Section 24 except NE ¼, NW ½ NW ¼ Sections 25-26; E ½ SE ¼, SE ¼ NE ¼ Section 27; SE ¼ Section 33; E ½ Section 34; Section 35 except N ½ NE ¼, NE ¼ NW ¼; N ½ Section 36.

T. 05N., R. 06W. Willamette Meridian: S ½ NW ¼ Section 25; SE ¼ NE ¼ Section 26.

T. 06N., R. 08W. Willamette Meridian: S ½ SW ¼, SW ¼ SE ¼ Section 23; Section 26 except NE ¼; Section 35 except SW ¼ NE ¼; Section 36 except N ½ NW ¼, SE ¼ NW ¼.

Map and description of OR-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T. 05N., R. 09W. Willamette Meridian: Section 22 except SW ¼, S ½ NW ¼, S ½ NE ¼, SW ¼ SE ¼ Sections 23-25; N ½ Section 26; E ½ NE ¼, SW ¼ NE ¼ Section 27.

T. 02S., R. 08W. Willamette Meridian: SW ¼ Section 19; N ½ SW ¼, NW ¼ Section 29; Section 30.
Map and description of OR-02-b taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only Federal lands described as Late Successional Reserves within the following areas:

T.03S., R.09W. Willamette Meridian: SW1/4, W1/2 SE1/4, SW1/4 NW1/4 Section 3; 5-1/2, SW1/4 NW1/4, SE1/4 NE1/4; W1/2 NE1/4 Section 4; E1/2 SE1/4 Section 8; Section 9; Section 10 except N1/2 SE1/4; NW1/4 Section 15; N1/2 Section 16; S1/2 NW1/4; N1/2 SW1/4 Section 19; S1/2 SW1/4 Section 32.

T.03S., R.10W. Willamette Meridian: SE1/4, E1/2 SW1/4, S1/2 NE1/4 Section 22; Section 23 except N1/2 NW1/4; S1/2 NE1/4, SW1/4 NW1/4 Section 24; W1/2 NW1/4 Section 25; Section 26; Section 27 except SW1/4 NE1/4; E1/2, E1/2 W1/2 Section 28; Section 32 except N1/2 N1/2, W1/2 SW1/4 Section 33; N1/2 NE1/4; W1/2 NW1/4 Section 34; Section 35 except S1/2 S1/2; NW1/4 SW1/4.

T.04S., R.09W. Willamette Meridian: SW1/4 Section 4; W1/2 W1/2, SE1/2 SW1/4 Section 3; Section 4; W1/2 E1/2, SE1/2 Section 5; Section 6 except W1/2 W1/2; Section 7 except W1/2 NW1/4; Sections 8-9; SW1/4, SW1/4 SE1/4, S1/2 NW1/4 Section 10; NW1/4, W1/2 NE1/4 Section 13; N1/2, SE1/4 Section 16; N1/2 Section 17; N1/2 Section 18.

T.04S., R.10W. Willamette Meridian: SW1/4, S1/2 NW1/4, NW1/4 NW1/4, W1/2 E1/2 Section 3; E1/2, NW1/4; SE1/4 NW1/4, SE1/4 Section 4; NE1/2; SW1/4, W1/2 SE1/4 Section 5; E1/2 SW1/4, E1/2 Section 6; N1/2 NE1/4, NE1/4 NW1/4 Section 7; NE1/4 Section 9.

T.05S., R.09W. Willamette Meridian: SW1/4 Section 8; SE1/4, SW1/4 NE1/4, E1/2 SW1/4 Section 6; Section 7; W1/2, S1/2 SE1/4, NW1/4 SE1/4 Section 8; NW1/4, SE1/4 SW1/4, W1/2 NE1/4; N1/2 SW1/4 Section 17; Section 18; N1/2 Section 19; NW1/4 NW1/4 Section 20.

T.05S., R.10W. Willamette Meridian: Section 1; Section 2 except S1/2 S1/2; NE1/4 NE1/4; NE1/4, E1/2 NW1/4, SE1/4 SW1/4, SW1/4 NW1/4 Section 24; N1/2 N1/2 Section 26; S1/2 Section 32; S1/2 S1/2, NE1/4 SE1/4, NW1/4 SW1/4, SW1/4 NW1/4, SE1/4 SW1/4 Section 33; W1/2 SE1/4 Section 34.

T.06S., R.10W. Willamette Meridian: Section 1; Section 2 except N1/2 S1/2, NE1/4 NE1/4; E1/2 SE1/4 Section 10; E1/2 SE1/4; SE1/4 NE1/4 Section 11.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.06S., R.10W. Willamette Meridian: SE ¼ Section 32.
T.07S., R.09W. Willamette Meridian: SW ¼, W ½ NW ¼, SE ¼ NW ¼, SW ¼ SE ¼ Section 3; SE ¼, E ½ NE ¼, SW ¼ NE ¼, NE ¼ SW ¼ Section 4; W ½ NW ¼ Section 5; Section 8 except S ½ SW ¼ SW ¼ SE ¼; Section 9 except N ½ NE ¼, SE ¼ NE ¼, NE ¼ NW ¼, SW ¼ SE ¼, SE ¼ SW ¼ Section 16 except E ½ E ¼, NE ¼ NW ¼, S ½, E ½ NE ¼ Section 17; Section 18 except NE ¼ NE ¼ SW ¼, S ½ NW ¼ Section 19; NE ¼, NW ¼ SE ¼ Section 20; W ½ NW ¼, NE ¼ NW ¼, S ½ SW ¼ Section 21; N ½ NW ¼, SW ¼ NW ¼ Section 28; SE ¼ NE ¼ Section 29; N ½ NW ¼ Section 30.

T.07S., R.10W. Willamette Meridian: SW ¼, NW ¼ SE ¼ Section 3; Section 4 except E ½ NE ¼ Section 5; Sections 7-9; Section 10 except E ½ NW ¼, NE ¼; N ½ S ½, E ½ NE ¼; SW ¼ SE ¼, SE ¼ NE ¼ Section 11; Section 12 except S ½ NW ¼, N ½ SW ¼, E ½ NE ¼; Section 13; Section 14 except N ½ NW ¼, SW ¼ NW ¼, W ½ SW ¼, NE ¼ NE ¼ Section 15 except S ½ S ½; Section 16 except SE ¼ SE ¼ Section 17; N ½ Section 18; S ½ S ½ Section 20; NE ¼, SW ¼ Section 21; Sections 22-23; Section 24 except NW ¼ SE ¼, SW ¼ NE ¼, NE ¼ SW ¼, Section 25 except NW ¼, Section 26 except NW ¼ Sections 27-29; Section 31 except N ½ NW ¼, NW ¼ NE ¼ Sections 32-35.

T.08S., R.10W. Willamette Meridian: Sections 1-5; Section 6 except NW ¼ SW ¼, SW ¼ NW ¼ Section 7 except NW ¼ SW ¼, S ½ SW ¼, S ½ SE ¼ S ½ NE ¼; Section 8 except S ½ S ½; Sections 9-14; Section 15 except SE ¼ SE ¼; E ½ E ½, NW ¼ NE ¼, SW ¼ SE ¼ Section 16; SW ¼ SE ¼ Section 22; Sections 23 except SW ¼ NW ¼, NW ¼ SW ¼ Section 24 except SE ¼ SE ¼; NE ¼ NW ¼, NW ¼ NE ¼ Section 25; Section 26 except SE ¼, E ½ NE ¼; W ½ NE ¼ Section 28.

Map and description of OR-02-d taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07S., R.08W. Willamette Meridian: SW ¼ Section 3; Section 4; Section 5 except N ½ NE ¼ NW ¼; Section 6 except NE ¼, N ½ NW ¼, NW ¼ SE ¼; Section 7; S ½ S ½, NE ¼ SW ¼, N ½ SE ¼, SE ¼ NE ¼ Section 9; Section 17 except NW ¼, NW ¼ NE ¼ NW ¼.

T.07S., R.07W. Willamette Meridian: Section 1 except N ½ NE ¼; Sections 2-3; Section 4 except N ½ NW ¼, NW ¼ NE ¼ Section 5; Section 7; N ½ Section 8; Section 9; Section 11 except SE ¼ SW ¼, SW ¼ SE ¼ Section 13 except NE ¼ SE ¼ Section 15; Section 17; N ½ Section 18; Section 19; Section 21; Sections 22-23; Section 24 except NW ¼ SE ¼, SW ¼ NE ¼, NE ¼ SW ¼, Section 25 except NW ¼, Section 26 except NW ¼ Sections 27-29; Section 31 except N ½ NW ¼, NW ¼ NE ¼ Sections 32-35.

T.07S., R.06W. Willamette Meridian: Section 1 except N ½ NE ¼; Sections 2-3; Section 4 except N ½ NW ¼, NW ¼ NE ¼ Section 5; Section 7; N ½ Section 8; Section 9; Section 11 except SE ¼ SW ¼, SW ¼ SE ¼ Section 13 except NE ¼ SE ¼ Section 15; Section 17; N ½ Section 18; Section 19; Section 21; Sections 22-23; Section 24 except NW ¼ SE ¼, SW ¼ NE ¼, NE ¼ SW ¼, Section 25 except NW ¼, Section 26 except NW ¼, E ½ SE ¼; Section 32 except NE ¼, N ½ NW ¼, SW ¼ SE ¼ Section 33; Section 35.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

- T.03S., R.07W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.08W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.07W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.08W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.07W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.08W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.07W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.08W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.07W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
- T.03S., R.08W. Willamette Meridian: SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 4; E 1/2 NW 1/4 Section 9.
§ 17.95

Sections 17–25; Section 26 except W 1/4 SW 1/4; Section 27 except E 1/2 SE 1/4; Sections 28–35; N 1/2 Section 36.

T.04S., R.09W. Willamette Meridian: SE 1/4 SE 1/4 Section 1; SE 1/4, E 1/2 SW 1/4 Section 11; Section 12 except NW 1/4; Section 13; E 1/4, E 1/4 NW 1/4 Section 14; SE 1/4 SE 1/4 Section 22; Section 23 except N 1/2 NW 1/4, SW 1/4 NW 1/4; Sections 24–26; SE 1/4, E 1/2 NE 1/4, SW 1/4 NE 1/4, SE 1/4 NW 1/4 Section 27; NE 1/4, SE 1/4 SE 1/4 Section 34; N 1/2 N 1/2, S 1/2 S 1/2, SW 1/4 NW 1/4, SE 1/4 NE 1/4 NE 1/4 Section 36.

T.05S., R.09W. Willamette Meridian: Sections 1–2; NE 1/4 NE 1/4, SW 1/4, SE 1/4, SW 1/4 NW 1/4 Section 3; Section 4 except N 1/2 N 1/2, SW 1/4 NW 1/4, W 1/2 SW 1/4, W 1/2, NE 1/4 NW 1/4 Section 9; Section 10–15; Section 16 except W 1/2 W 1/2, NE 1/4 NW 1/4 Section 21 except W 1/2 W 1/2, SE 1/4 SW 1/4 1/4; Section 22; Section 23 except SE 1/4, SW 1/4 NW 1/4; Section 24 except SW 1/4 NE 1/4 NE 1/4 Section 25; Section 26 except E 1/2 E 1/2, Section 27 except E 1/4 NE 1/4, SW 1/4, NW 1/4 NW 1/4 Section 31 except N 1/2 NW 1/4 Section 32; Section 33 except E 1/2 E 1/2; Section 34 except W 1/2; Section 35.

T.06S., R.09W. Willamette Meridian: N 1/2 SW 1/4, NW 1/4 NE 1/4, NW 1/4 Section 9; N 1/2, N 1/2 SW 1/4, SW 1/4 SW 1/4 Section 3; Section 4 except SE 1/4 SE 1/4, SW 1/4 NW 1/4, W 1/2 SW 1/4, N 1/2 Section 5; N 1/2 N 1/2 Section 6; NE 1/4, E 1/2 NW 1/4 Section 9.

Critical Habitat includes only State lands described within the following areas:

T.03S., R.07W. Willamette Meridian: N 1/2 Section 16.

Map and description of OR-02-f taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.09S., R.09W. Willamette Meridian: SE 1/4 SE 1/4 Section 33; SW 1/4 SW 1/4 Section 34.

T.10S., R.10W. Willamette Meridian: NW 1/4 SE 1/4 Section 2.

Critical Habitat includes only State lands described within the following areas:

T.09S., R.09W. Willamette Meridian: E 1/2 SW 1/4, W 1/2 SE 1/4, NE 1/4 SE 1/4 Section 34.

T.10S., R.09W. Willamette Meridian: NW 1/4, W 1/2 NE 1/4 Section 16; N 1/2 NE 1/4, NE 1/4 NW 1/4 Section 17.

Critical Habitat includes only County lands described within the following areas:

T.10S., R.10W. Willamette Meridian: SW 1/4 SE 1/4 Section 2.

Critical Habitat includes only Private lands described within the following areas:

T.09S., R.09W. Willamette Meridian: S 1/2 SE 1/4, NE 1/4 SE 1/4 Section 23; W 1/2 NW 1/4, NW 1/4 SW 1/4 Section 25; NE 1/4 Section 26; W 1/2 SW 1/4 Section 34.

T.10S., R.09W. Willamette Meridian: SW 1/4 Section 15.

Critical Habitat includes only State lands described within the following areas:

T.10S., R.06W. Willamette Meridian: W½ SW¼ Section 30.

T.10S., R.07W. Willamette Meridian: S½ Section 25; N½ Section 36.

T.11S., R.07W. Willamette Meridian: S½ N½, SE¼ Section 16; N½ Section 21; S½, NW¼ Section 20; Section 31; Section 32 except E¼ SE¼, NE¼ SE¼.

T.11S., R.08W. Willamette Meridian: W½ SW¼ Section 14; Section 15 except N½ NE¼; Section 16 except S½ SW¼; SW¼, W½ SE¼ Section 17; S½ SE¼, E¼ SW¼ Section 18; Sections 19-21; W½, S½ SE¼, NE¼ SE¼, NE¼ NE¼ Section 22; SW¼, NW¼ NW¼ Section 23; SW¼, NW¼ SE¼, S½ N½ Section 26; Section 27 except SW¼, NE¼ NE¼ N½ NW¼ Section 28; Sections 29-31; Section 32 except SE¼ N½ NW¼ Section 33.

T.11S., R.09W. Willamette Meridian: S½ Section 7; NW¼ NW¼ Section 17; SE¼, S½ NE¼, NE¼ NE¼, SE¼ NW¼ Section 18; Section 23 except NW¼, S½, NW¼ NW¼ Section 24; Section 25; Section 26 except S½ NW¼, N½ SW¼, NE¼ Section 27; E½ SE¼, SE¼ NE¼ NE¼ Section 34; Section 35.

T.12S., R.07W. Willamette Meridian: Section 5 except S½, SW¼ NW¼.

T.12S., R.08W. Willamette Meridian: NW¼ Section 5; E¼ E¼, SW¼ NE¼ Section 6.

T.12S., R.09W. Willamette Meridian: S½ SW¼, N½ NW¼, SE¼ NW¼, NW¼ NE¼ Section 1; E¼, E¼ NW¼ Section 2.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.08S., R.06W. Willamette Meridian: SE¼ NE¼, NE¼ NE¼, SW¼ NE¼, S½ NW¼, NW¼ SW¼, S½ SE¼, SW¼ Section 31; W½ NW¼ Section 33.

T.08S., R.07W. Willamette Meridian: Section 31 except S½ SE¼.

T.09S., R.06W. Willamette Meridian: N½ NE¼, NW¼ Section 5; NE¼, NW¼, N½ SE¼ Section 7.

T.09S., R.07W. Willamette Meridian: Section 1 except NW¼ NW¼; Section 2 except NE¼; Section 9 except SE¼ SE¼; Section 11; Section 12; W½, W½ NE¼, NW¼ SE¼ Section 15; SE¼, E½ SW¼ Section 17; NW¼, NW¼ SW¼ Section 21; E½ NE¼, NE¼ SE¼ Section 22; Section 29 except SE¼ Section 31; S½, SE¼ NW¼ Section 33; W½ W½, NE¼ NW¼ Section 35.

T.09S., R.08W. Willamette Meridian: N½ NW¼, SW¼ NW¼, W½ SW¼ Section 11; Section 27 except N½ NE¼ Section 35.

T.10S., R.05W. Willamette Meridian: SW¼ NE¼, W½ SE¼, SW¼, SE¼ NW¼ Section 29.

T.10S., R.07W. Willamette Meridian: N½ Section 1; W½ NW¼ Section 4; N½ Section 5.

Critical Habitat includes only State lands described within the following areas:

T.08S., R.07W. Willamette Meridian: SE¼ Section 11; SE¼ SE¼ Section 12; N½, N½ SE¼ Section 13; E¼, SW¼ Section 14.

T.09S., R.08W. Willamette Meridian: Section 28 except N½ N½; S½, NW¼, S½ NE¼ Section 29; SE¼ Section 32; NE¼ Section 33; Section 34 except NW¼ Section 36 except N½ N½.

T.10S., R.07W. Willamette Meridian: Section 6; N½ N½ Section 7; NW¼, SW¼, SE¼
Critical Habitat includes only Private lands described within the following areas:

T.00S., R.08W. Willamette Meridian: S½ SW¼ Section 29.

Map and description of OR-04-a taken from United States Fish and Wildlife Service 1:200,000 map; Corvallis, Waldport and Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserve described within the following areas:

T.11S., R.10W. Willamette Meridian: SE¼ NW¼ NE¼ Section 35.

§ 17.95

SE¼, NW¼ NE¼ Section 18, Section 19 except W½ SW¼.

T.10S., R.08W. Willamette Meridian: Section 1 except SE¼; Section 2; NE¼, NW¼, NW¼ SW¼, SW¼ NW¼, NE¼ SE¼, NW¼ SE¼ Section 3; Section 4 except SW¼ SE¼, SE¼ SW¼; Section 5; E½ Section 6; NE¼ Section 7; NE¼, E½ NW¼, NW¼ NW¼ Section 8; NW¼, NE¼ NE¼ Section 9; NW¼, NE¼ Section 10; N½ N½ Section 11; Section 12; Section 13 except S½ SW¼, SW¼ SE¼ Section 14; Section 15; E½ NE¼; N¼ Section 16.

Critical Habitat includes only Federal lands described within the following areas:

T.00S., R.08W. Willamette Meridian: S½ SW¼ Section 29.
Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14S., R.09W. Willamette Meridian: E½ NW¼, W½ NE¼ Section 1; Sections 2-5; Section 6 except S½ SW¼, S½ SE¼, E½ NE¼, S½ NE¼, SW¼, W½ SE¼, W½ NW¼ Section 7; Section 8 except W½ NW¼, E½ SE¼, SW¼ NE¼, S½ SW¼, W½ NW¼ Section 9; Section 10 except E½ NW¼, N½ NE¼, S½ SW¼, SW¼ SE¼, NE¼, S½ SW¼ Section 11; N½, NW¼, NE¼ Section 12; W½, W½ SW¼, NE¼ Section 13; Section 14 except NE¼ SE¼, Section 15; E½ SW¼, SW¼ SE¼, NE¼ Section 16; E½ NE¼, NE¼ NW¼ Section 17; Section 18 except SW¼ Section 19; SE¼, NW¼, N½ NW¼ Section 20; E½, E½ NE¼ Section 21; S½ SW¼, SW¼ SE¼, SE¼ NW¼ Section 22; E½, E½ SW¼, SW¼ NW¼ Section 23; S½ NW¼, NW¼ NW¼ Section 24; SE¼, NE¼ Section 25.

T.14S., R.10W. Willamette Meridian: SE¼, N½ NW¼, NW¼ NE¼ Section 13; Sections 14 except NW¼ NE¼, SE¼ NW¼, N½ SW¼, SE¼ SW¼ Sections 1-16; S½ NE¼, N½ SW¼, SE¼ NW¼, SW¼ SW¼ Section 18; N½ NW¼, NE¼, SW¼ NW¼, NE¼ SE¼, SE¼ SW¼ Section 19; S½ NW¼, NW¼ SW¼ Section 20; N½ NE¼, NE¼ NW¼ Section 21; NW¼ NW¼ Section 22; E½, E½ NW¼ Section 23; W½ W½ Section 24; W½, W½ E½ Section 25; E½ Section 26; S½ NW¼, NW¼ NW¼ Section 27; Section 28; E½, E½ NW¼, SE¼ SW¼ Section 29.

T.14S., R.11W. Willamette Meridian: Sections 1-2; SE¼ NW¼, SW¼ SE¼ Section 3; N½ NE¼, NE¼ NW¼, W½ NW¼ Section 4; S½ NW¼, NW¼ NW¼, SW¼ SE¼, NE¼, S½ SW¼ Section 5; NE¼, SE¼ NW¼ Section 6; Section 7; Section 8 except NE¼ NE¼; S½ SE¼, NE¼ SE¼, SW¼ NW¼, W½ SW¼ Section 9; Section 10 except W½ W½, NE¼ NW¼, NE¼ SW¼, NE¼ NE¼ Section 11; W½, NW¼, NE¼ Section 12; W½, W½ NE¼, NE¼ NW¼ Section 13; Section 14; Section 15 except NE¼ SE¼; Section 16 except NW¼ NW¼ Section 17 except SE¼ NE¼ Sections 18-21; Section 22 except S½ N½, N½ SW¼, N½ NE¼, Section 23; Section 24 except NE¼; Section 25 except W½ NW¼ Section 26 except NE¼ NE¼, SE¼ NE¼, SE¼ SW¼ Sections 27-30; N½, NE¼ SW¼ Section 31; NW¼, N½ NE¼, N½ SW¼ Section 32; N½ Section 33; N½ NW¼, SW¼ NW¼ Section 34; N½ NW¼ Section 35.

T.14S., R.12W. Willamette Meridian: N½ SE¼, SE¼ SW¼ Section 1; Section 12 except W½ W½; Section 13 except NW¼ NW¼; E½ SE¼, SE¼ NE¼ Section 14; SE¼, E½ NE¼, W½ SW¼ Section 23; Sections 24-25.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14S., R.09W. Willamette Meridian: E½ NW¼, W½ NE¼ Section 8.

Map and description of OR-04-b taken from United States Fish and Wildlife Service 1:100,000 map; Waldport, Eugene, Oregon; 1995.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17., R.09W. Willamette Meridian: S1/2 NE 1/4, NE 1/4 SE 1/4 Section 18; NE 1/4 NW 1/4 SE 1/4 Section 19.

T.17., R.09W. Willamette Meridian: N1/2 SW 1/4, SW 1/4 NE 1/4; N1/2 NW 1/4 Section 25; S1/2 SE 1/4 NE 1/4; N1/2 SE 1/4 Section 26; Section 32 except N1/2 S1/2, E1/2 NE 1/4, SW 1/4 NW 1/4; S1/2 NW 1/4, NE 1/4 NW 1/4, NW 1/4 NE 1/4, NE 1/4 SW 1/4, N1/2 SW 1/4 Section 33.

T.18S., R.09W. Willamette Meridian: W1/2 SW 1/4 Section 4; SE 1/4, S1/2 NE 1/4, N1/2 NW 1/4 Section 5; N1/2 SE 1/4, SE 1/4 NE 1/4 Section 9.

Critical Habitat includes only State lands described within the following areas:

U.S. Fish and Wildlife Serv., Interior § 17.95
§ 17.95

50 CFR Ch. I (10-1-98 Edition)

Map and description of OR-04-d taken from United States Fish and Wildlife Service 1:100,000 map; Reedsport and Cottage Grove, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.19S., R.10W. Willamette Meridian: 5½ Section 1; N½ N½, W½ SW½, NW½ NW¼ Section 2; Section 3 except NE½ SW½, NW¼ SW¼ Section 4; Section 5 except NE½ SW½; Section 6 except N½ NW½, E½ SE½, S½ SW½; Section 7 except N½ NE½, SE½ NE½, W½ SW½, SE½ SW½ Sections 8-9; E½ Section 10; E½ NW½, NE¼ Section 11; Section 12; Section 13 except 5½; Sections 14-23; Section 24 except N½ NE½, NE½ NE¼, SW¼ NW½, W½ SW½, S½ SE¼ Section 25; Sections 26-27, 30-31; E½ SE¼ Section 32 except 5½ SE¼, SE¼ SW¼ Section 33-36.

T.19S., R.11W. Willamette Meridian: Section 1; Section 2 except W½ SE¼, SE¼ NE¼ Section 3; Section 4 except 5½ SE¼; Sections 5-8; Section 9 except E½ NE¼ Section 10 except N½ NE¼, SW¼ NW¼, SE¼ NE¼ Section 11 except N½, N½, SW¼ NW¼; Section 12 except E½ SE¼; Section 13 except 5½ SE¼, NE¼ SE¼; Sections 14-23; Section 24 except N½ NE¼, NE¼ NE¼, NW¼, SE¼ SW¼ Sections 25-26; Section 27 except SE¼ SE¼; Section 28; Section 29 except W½ SW¼; N½ Section 30; E½ SE¼ Section 31; Section 32 except 5½ SE¼, SE¼ SW¼ Section 33-36.

T.19S., R.12W. Willamette Meridian: Section 1; N½ N½, W½ SW½, SW¼ NW¼ Section 2; Section 3 except SW½ SW¼ Section 4; Section 9 except E½ NE¼, S½ SW¼, NW¼ SW¼, SE¼, SE¼ SE¼ Section 10 except 5½, W½ NW¼; Section 12 except N½ SW¼, SW¼ SW¼ Section 13; E½ SE¼, SW¼ SE¼ Section 14; SW¼ Section 15; SE¼ SE¼ Section 16; Section 21 except N½ NW½; Section 22 except E½ NE¼; Section 23 except S½ SW¼, Section 24; NE¼, NW¼ NW¼ Section 25; N½, SW¼ SW¼ Section 26; N½, W½ SW¼ Section 27; Section 28 except NE½ SW¼; N½ NE¼, SE¼ NW¼, SW¼ NE¼, NW¼, SE¼ NE¼ Section 33.

T.20S., R.12W. Willamette Meridian: Section 1 except SE¼ SW¼; Section 2 except SW¼ SW¼ Section 3 except S½ SE¼; Sections 4-6; Section 7 except W½ W½; Section 8; Section 9 except SE¼ SE¼; SE¼, S½ NW¼ Section 10; Section 11 except NW¼ NW¼; Section 12 except NE¼ NW¼, NW¼ SW¼; N½ NW¼, NW¼ NE¼ Section 13; NE¼ NW¼, N½ NE¼ Section 14.

T.20S., R.10W. Willamette Meridian: Section 1; N½ NW¼ Section 5; Section 6 except NW¼ NW¼; W½, N½ NE¼, NW¼ SE¼, S½ SE¼ Section 7; Section 8 except SE¼ SW¼, E½ SE¼; SW¼, NW¼ SE¼, W½ NW¼, SE¼ NW¼, SW¼ NE¼ Section 19; W½ Section 30.

T.20S., R.11W. Willamette Meridian: Section 10 except SE¼ SW¼, NW¼ SW¼, Sections 11-14; E½ Section 15; NE¼ Section 22; Section 23 except SW¼; Section 24-25; NE¼, E½ SE¼ Section 26; N½ SE¼, S½ NE¼ Section 35; NW¼, N½ NW¼, N½ NE¼ Section 36.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

**T.22S., R.10W. Willamette Meridian:** Sections 1-5; E½ Section 6; Section 8 except W½ W1⁄2; Sections 9-12; N½ Section 13; N½ N1⁄2, SE1⁄4 NE1⁄4, SW1⁄4 NW1⁄4, NE1⁄4 SE1⁄4 Section 14; NW1⁄4, W1⁄2 NE1⁄4, NW1⁄4 SW1⁄4 Section 15; NE1⁄4 Section 17.

**T.22S., R.11W. Willamette Meridian:** NE1⁄4 Section 1.

**T.22S., R.10W. Willamette Meridian:** Sections 17; T.22S., R.11W. Willamette Meridian: NE1⁄4 Section 1.

**T.23S., R.08W. Willamette Meridian:** Section 3 except NW1⁄4 NW1⁄4; Section 5; S½, SE1⁄4 NE1⁄4, SW1⁄4 NW1⁄4 Section 6; Section 7; Section 9; NW1⁄4, S½ S1⁄2, NW1⁄4 SW1⁄4 Section 11; Section 13 except N½ NE1⁄4; Section 14 except N½ NE1⁄4, NE1⁄4 NW1⁄4, W½ SW1⁄4, SE1⁄4 SW1⁄4, S½ SE1⁄4; Section 15; Section 17-19; Section 20 except N½ NE1⁄4, SE1⁄4 NE1⁄4, NE1⁄4 SE1⁄4; Section 21; Section 23 except S½ NE1⁄4, SW1⁄4 NW1⁄4; Section 27; Section 28 except N½ NE1⁄4, SE1⁄4 NE1⁄4, NE1⁄4 NW1⁄4; Sections 29-33; Section 35 except E½ NE1⁄4.

**T.23S., R.09W. Willamette Meridian:** Sections 1-3; E½ Section 4; Section 5; NE1⁄4 NE1⁄4 Section 6; Section 7; Section 9; Section 10; Section 11; N½ NE1⁄4 Section 12; SW1⁄4 SW1⁄4, NE1⁄4 NW1⁄4, NE1⁄4 NW1⁄4 Section 14, N½ N1⁄2, SW1⁄4, SW1⁄4 NW1⁄4, SE1⁄4 SE1⁄4 Section 15; Section 20; Section 22; Section 24 except SE1⁄4, W½ NW1⁄4; Section 25; Section 30 except SW1⁄4, W½ NW1⁄4; Section 32 except SE1⁄4.

**T.23S., R.07W. Willamette Meridian:** Section 1; Sections 3-4; E½ E½ Section 5; Section 8 except W½; Section 9; N½ NE1⁄4, NE1⁄4 NW1⁄4, NW1⁄4 SW1⁄4 Section 10; Section 11; NE1⁄4 NE1⁄4 Section 12; Section 13; W1⁄2 SW1⁄4, NE1⁄4 NE1⁄4, E½ SW1⁄4 Section 29; NW1⁄4 NW1⁄4 Section 30; E½, E½ SW1⁄4 Section 31; W½ Section 32; W½, W½ NE1⁄4, NE1⁄4 NE1⁄4, NW1⁄4 SE1⁄4 Section 33; NW1⁄4 NW1⁄4 Section 34.

**T.25S., R.06W. Willamette Meridian:** Section 1; Sections 3-4; E½ E½ Section 5; Section 8 except W½; Section 9; N½ NE1⁄4, NE1⁄4 NW1⁄4, NW1⁄4 SW1⁄4 Section 10; Section 11; NE1⁄4 NE1⁄4 Section 12; Section 13; W1⁄2 SW1⁄4, NE1⁄4 NE1⁄4, E½ SW1⁄4 Section 29; NW1⁄4 NW1⁄4 Section 30; E½, E½ SW1⁄4 Section 31; W½ Section 32; W½, W½ NE1⁄4, NE1⁄4 NE1⁄4, NW1⁄4 SE1⁄4 Section 33; NW1⁄4 NW1⁄4 Section 34.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.22S., R.06W. Willamette Meridian: S½, S½ NE¼ Section 17; Section 19; Section 21; Section 29; Section 30 except W½ NW¼, SE¼ NW¼, NW¼ SW¼; Section 31; NW¼ NE¼, NE¼ NW¼ Section 32.

T.23S., R.06W. Willamette Meridian: W½ W½ Section 4; Section 5; N½ NE¼, NE¼ NW¼ Section 8; NW¼ NW¼ Section 9; Section 19; Section 31; W½ NW¼, NW¼ SW¼ Section 32.

T.23S., R.07W. Willamette Meridian: N½ NW¼, S½ NE¼, N½ SW¼, SE¼ Section 3; NE¼ NE¼ Section 4; SE¼ SE¼ Section 14; E½ NW¼, S½ NE¼, NE¼ SE¼ Section 15; Section 23 except N½ NW¼, SE¼ NW¼, W½ NE¼, SW¼ SW¼; Section 25; S½ S½ Section 27; S½ S½ Section 33.

T.24S., R.07W. Willamette Meridian: N½ NW¼ Section 2; S½ SW¼, NW¼ SW¼, SW¼ SE¼, SE¼ NE¼ Section 3; Section 11 except NE¼, NE¼ NW¼; N½ N½, W½ SW¼, SW¼ NW¼ Section 13; E½ SE¼, SE¼ NE¼, SW¼ SW¼ Section 21; Section 23; Section 25; Section 27 except SW¼, S½ NW¼; SE¼ SW¼, NW¼ SW¼ Section 28; Section 35.

T.25S., R.07W. Willamette Meridian: Section 1; NE¼ Section 2; Section 3; Section 11 except N½ NW¼; NW¼ SW¼ Section 12.

Map and description of OR-04-g taken from United States Fish and Wildlife Service 1:100,000 map; Cottage Grove, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.22S., R.06W. Willamette Meridian: SE¼ Section 35; SW¼ SW¼ Section 36.

T.22S., R.07W. Willamette Meridian: Section 11; S½, SW¼ NW¼ Section 13; Section 15; NW¼, S½ S½, NW¼ NE¼ Section 19; SE¼ Section 25; Section 29 except E½ W½, W½ NE¼.

T.23S., R.08W. Willamette Meridian: Section 13 except N½ NW¼; Section 17 except SW¼, NE¼ NE¼, NW¼ SW¼; Section 21; S½ SW¼, NW¼ NW¼ Section 22; Section 23; Section 27; NE¼ SW¼ Section 28; E½ E½ Section 33; Section 35.

T.24S., R.08W. Willamette Meridian: Section 5 except SW¼ SW¼; SE¼ Section 11; Section 19; Section 21 except E½ SE¼, SE¼ NE¼; SW¼ SW¼ Section 23; Section 27 except S½
Critical Habitat includes only State lands described within the following areas:

T.19S., R.08W. Willamette Meridian: Section 1 except N ½ NW 4, SW 4 NW 4; Section 3; Section 5; Section 7 except N ½ NE ¼; NW 4 SW 4, NW 4 SE ¼, SE ½ NW 4; Section 9; Section 11 except N ½ NW 4, SW 4 NW 4; Section 13 except N ½ NE ¼; E ½ NW 4, W ½ NW 4; Section 17 except NE ¼; Section 19 except SE ½ NE 4, E ½ SW 4; Section 21 except SE ½ NE 4, SW 4 NW 4; Section 23; Section 25; Section 27; Section 29; Section 31 except SE ¼; Section 33 except SE ½ SW 4.

T.20S., R.07W. Willamette Meridian: Section 1; E ½ E ½ Section 2; Section 3 except NE ¼ NW 4; Section 5; Section 6 except N ½ N ½; N ½ N ½ Section 7; Section 11; Section 12 except E ½ E ½, NW 4 SE ¼, SW 4 NW 4; Section 13; Section 15; Section 21; Section 22 except SE ¼, SW 4 NE ¼; Section 23 except W ½ SW 4, SW 4 NW 4; Section 33 except E ½ NE 4; SW 4 Section 34.

T.20S., R.08W. Willamette Meridian: Section 1; SW 4 Section 2; Section 3; Section 4 except SE ½ SW 4; Section 4; N ½ NE ¼ Section 6; E ½ E ½ Section 8; Section 9; Section 11; W ½ W ½ Section 12.

T.21S., R.08W. Willamette Meridian: Section 1; SW 4 Section 2; Section 3; Section 4 except SW 4; Section 4; N ½ NE ¼ Section 6; Section 8; Section 9; Section 11; N ½ SW 4 Section 22; Section 23; Section 25; Section 27; Section 29; Section 31 except E ½ SW 4, SW 4 NW 4; Section 33 except NE ¼; Section 35 except S ½ SW 4, SW 4 SE ¼.

T.18S., R.08W. Willamette Meridian: Section 1 except N ½ NW 4, SW 4 NW 4; Section 3; Section 5; Section 6 except SW 4; SW 4 SE ¼, SE ½ NW 4; Section 9; Section 11 except E ½ SE ¼, SW 4 SE ¼, E ½ SE ¼, SW 4 SE ¼; Section 13; Section 15; Section 17 except NE ¼; Section 19 except SE ½ NE 4, E ½ NW 4, SW 4 NW 4; Section 21 except SE ½ NE 4, SW 4 NE ¼ Section 23; Section 25; Section 27; SE ¼ Section 28; Section 29 except E ½ NW 4, W ½ SW 4; Section 31 except SW 4, SW 4 NW 4; Section 33 except SE ¼; Section 35 except E ½ SW 4.

T.19S., R.07W. Willamette Meridian: Section 1 except 5 ½ SE 4, SE ¼ SW 4; Section 3 except SW 4; SW 4 NE ¼; SW 4; SW 4 SE ¼; Section 5; Section 7; Section 9 except N ½ NW 4, SW 4 NW 4; Section 11 except N ½ NW 4, SW 4 NW 4; Section 13; Section 15; Section 17 except N ½ SW 4; Section 21 except SW 4; Section 23 except N ½ NE ¼; Section 25 except SE ½ SE 4; Section 27 except SE ¼; Section 29 except SE 4; Section 31; Section 33 except NE ¼ NW 4; Section 35 except NW 4 NE ¼.

T.19S., R.08W. Willamette Meridian: Section 1; Section 3; Section 4; Section 6; Section 7; SW 4; SW 4 NE ¼ Section 8; SW 4; NE ¼; E ½ NW 4, SW 4 NW 4; NE ¼ SE ¼ Section 13; Section 17; N ½ S ½; SE ¼ NE ¼; NW 4 NW 4 Section 18; Section 20; Section 22; Section 23; SE ¼ SE ¼ Section 24; Section 26; Section 27; SE ¼ SE ¼ Section 28; Section 29; Section 31 except SW 4; Section 33; Section 35 except SW 4 NW 4; Section 37.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17S., R.08W. Willamette Meridian: SE ¼ NW 4 Section 28.
Map and description of OR-04-k taken from United States Fish and Wildlife Service 1,100,000 map; Corvallis, Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserve described within the following areas:

T.12S., R.08W. Willamette Meridian: SE 4, S 1/2 SW 4, S 1/2 NE 4 Section 10; Section 11 except N 1/2 N; W 1/2 W 1/2 Section 13; Sections 14-15; Section 16 except NW 1/4 NW 1/4 Section 19 except N 1/2 N; Section 20 except SW 1/4; Sections 21-23; W 1/2, S 1/2 SE 1/4 Section 24; Section 25; N 1/2 Section 26; Section 27 except S 1/2 SE 1/4 SW 1/4; Section 29 except SW 1/4 NW 1/4, S 1/2 SE 1/4 SE 1/4 NE 1/4 Section 30; Section 31 except N 1/2 NW 1/4; Section 32 except SE 1/4; Section 33; S 1/2 Section 34; N 1/2, NW 1/4 SE 1/4 Section 35.

T.17S., R.08W. Willamette Meridian: Section 5; N 1/2 NE 1/4 Section 6.

§ 17.95

NW 1/4, E 1/2 NW 1/4, NE 1/4, E 1/2 SE 1/4 Section 21 except W 1/4 NW 1/4, NE 1/4 NW 1/4; Section 23 except SW 1/4 SE 1/4; S 1/2 SE 1/4, NE 1/4, SE 1/4 NE 1/4 NW 1/4 Section 24; Section 25; N 1/2 Section 26; Section 27 except S 1/2 SE 1/4; Section 29 except NW 1/4 NW 1/4, S 1/2 SE 1/4 SE 1/4 NE 1/4 Section 30; Section 31 except N 1/2 NW 1/4; Section 32 except SE 1/4; Section 33; S 1/2 Section 34; N 1/2, NW 1/4 SE 1/4 Section 35.

T.15S., R.06W. Willamette Meridian: Section 29; Section 31; Section 33 except NE 1/4, E 1/2 SE 1/4, SW 1/4 NW 1/4; Section 34; SW 1/4 SW 1/4 Section 35.

T.15S., R.07W. Willamette Meridian: Section 3 except SW 1/4 SW 1/4; Section 4 except E 1/2 NE 1/4, S 1/2 SE 1/4 Sections 5-6; Section 7 except S 1/2 SW 1/4, N 1/2 SE 1/4; NW 1/4 NE 1/4 Section 8; Sections 18-21; Section 25 except SE 1/4 NE 1/4 Section 27; Section 29 except Section 30 except NE 1/4, SE 1/4 NW 1/4, SE 1/4 NE 1/4, NE 1/2 SE 1/4, SW 1/4 SE 1/4 Section 35.

T.15S., R.08W. Willamette Meridian: Section 1; Sections 8-9; Section 11 except S 1/2 NW 1/4, SW 1/4; Section 12; NW 1/4 NW 1/4 Section 13; NW 1/4 SE 1/4 Section 14; SW 1/4 SW 1/4 Section 15; Sections 17 except SW 1/4 NW 1/4, SE 1/4 NW 1/4, NW 1/4 NW 1/4; Section 18 except SW 1/4, W 1/2 E 1/2, NE 1/4 NE 1/4 SE 1/4 SW 1/4; Section 19 except E 1/2 NW 1/4, S 1/2 NE 1/4, NW 1/4 NE 1/4; Section 20 except W 1/2 SE 1/4, S 1/2 NW 1/4; Sections 21-23; SW 1/4 SW 1/4, SW 1/4 SE 1/4 Section 24; Section 25; N 1/2 Section 26; Section 27 except S 1/2 SE 1/4 SW 1/4; Section 29 except SW 1/4 NW 1/4, S 1/2 SE 1/4 SE 1/4 NE 1/4 Section 30; Section 31 except N 1/2 NW 1/4; Section 32 except SE 1/4; Section 33; S 1/2 Section 34; N 1/2, NW 1/4 SE 1/4 Section 35.
Map and description of OR-06-a taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25S., R.10W. Willamette Meridian: Section 31; Section 33.

T.26S., R.09W. Willamette Meridian: SE 1/4, E 1/2 SW 1/4 Section 9; Section 10 except NE 1/4; Section 17; S 1/2 S 1/2 Section 18; Section 19; SW 1/4 Section 20; Section 21; N 1/2 N 1/2; S 1/2 S 1/2 Section 22; Section 23; N 1/2 N 1/2, N 1/2 S 1/2 Section 24; Section 25; Section 27; NE 1/4 Section 28; Sections 31 except SE 1/4; SW 1/4 SW 1/4; SW 1/4 SE 1/4; NE 1/4 SW 1/4; SE 1/4 SE 1/4 NW 1/4 Section 32; Section 33.

T.26S., R.10W. Willamette Meridian: Sections 3-5; E 1/2; SE 1/4 NW 1/4 Section 6; Section 7; SW 1/4, S 1/2 NE 1/4 Section 8; Section 9; Section 11; Section 13; N 1/2 Section 14; Sections 15-17; Section 19; SE 1/4 Section 20; N 1/2 Section 21; W 1/2 Section 22; Section 23; N 1/2 N 1/2, N 1/2 S 1/2 Section 24; Section 25; Section 27; NE 1/4 Section 28; Sections 29-31; E 1/2 Section 32; Section 33; Section 35 except SE 1/4.

T.27S., R.09W. Willamette Meridian: Sections 4-5; SE 1/4, NE 1/4 NE 1/4; SE 1/4 SW 1/4 Section 6; Section 7; SW 1/4, S 1/2 NE 1/4 Section 8; Section 9; Section 11; Section 13; N 1/2 Section 14; Sections 15-17; Section 19; SE 1/4 Section 20; N 1/2 Section 21; W 1/2 Section 22; Section 23; N 1/2 N 1/2, N 1/2 S 1/2 Section 24; Section 25; Section 27; NE 1/4 Section 28; Sections 29-31; E 1/2 Section 32; Section 33; Section 35 except SE 1/4; SW 1/4 SW 1/4; SW 1/4 SE 1/4; SE 1/4 SE 1/4 NW 1/4 Section 32; Section 33; Section 34; Section 35 except SE 1/4.

T.28S., R.09W. Willamette Meridian: E 1/2, W 1/2 SE 1/4 Section 1; Section 3; W 1/2 SW 1/4, SW 1/4 NW 1/4 Section 4; Section 5; S 1/2 SE 1/4 Section 6; Sections 7-9; NE 1/4 SE 1/4 Section 10; Section 11; S 1/2 NW 1/4; W 1/2 SW 1/4, SE 1/4 SE 1/4 Section 12; Sections 13-15; N 1/2 Section 16; Sections 17-20; Sections 21-23; W 1/2 NW 1/4, NW 1/4 SW 1/4 Section 24; Sections 25-29; NE 1/4, SW 1/4 SW 1/4 Section 30; Section 31; W 1/2 W 1/2, SE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 32; Section 33; SW 1/4 NW 1/4 Section 34; Section 35.

T.28s., R.09W. Willamette Meridian: SE 1/4 SW 1/4 Section 4; Section 5; Section 7; Section 9.
§ 17.95

T.28S., R.10W. Willamette Meridian: Section 1; Section 3 except E ½ SE ¼, N ½ SE ¼ Section 4; Section 5; N ½ NE ¼, NE ¼ NW ¼, SE ¼ SE ¼ Section 6; Section 7 except W ½ NW ¼, NW ¼ SW ¼; S ½ N ½, NE ¼ NW ¼ Section 8; Section 9 except NE ¼, N ½ NE ¼, E ½ NW ¼, E ½ SE ¼ Section 11; NW ¼ NW ¼ Section 12.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29S., R.08W. Willamette Meridian: Section 5.

T.29S., R.09W. Willamette Meridian: Section 1 except SE 1½; Section 3; Section 5; Section 11 except NE ¼ Section 15; Section 17; Section 27; Section 33.

T.28S., R.08W. Willamette Meridian: Section 3; Section 5; NE ¼ Section 8; Section 9; N ½ NW ¼ Section 10; NW ¼ NW ¼ Section 11; N ½ NW ¼, W ½ NE ¼, W ½ SW ¼ Section 15; Section 17; Section 27; Section 33.

T.30S., R.11W. Willamette Meridian: Section 1 except SE 1½; Section 3; Section 5; Section 11 except NE ¼ Section 15; Section 17; Section 27; Section 33; Section 35.


T.29S., R.08W. Willamette Meridian: Section 5.

T.29S., R.09W. Willamette Meridian: Section 1 except SE 1½; Section 3; Section 5; Section 11 except NE ¼ Section 15; Section 17; Section 27; Section 33; Section 35.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

Map and description of OR-06-c taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg and Canyonville, Oregon; 1996.

Map and description of OR-06-d taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg, Oregon; 1995.

Map and description of OR-06-c taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg and Canyonville, Oregon; 1996.
§ 17.95

except NE ¼ SE ¼ NW ¼ SW ¼, E ½ NE ¼ SW ¼ NE ¼ Section 8; W ½ NW ¼ Section 9; NE ¼ Section 18; N ½ NW ¼ SW ¼ NW ¼ SW ¼ SE ¼ Section 19; NE ¼, E ½ NW ¼ Section 20; W ½ SW ¼, SW ¼ NW ¼ Section 31.

T.34S., R.11W. Willamette Meridian: Sections 1-3; Section 4 except W ½ SW ¼; Section 5 except S ½ S ½; Section 6 except N ½ NE ¼; Section 7 except E ½ NE ¼, SE ¼ SE ¼ Section 8; Sections 9-36.

T.34S., R.12W. Willamette Meridian: Sections 1-2; NE ¼, N ½ SE ¼, E ½ NW ¼ Section 3; Sections 11-14; E ½ Section 15; SW ¼, W ½ SE ¼ Section 17; Section 20 except NW ¼ SW ¼, S ½ SW ¼; Section 21 except NW ¼ NW ¼ Section 22 except NW ¼ NE ¼; Section 23 except NW ¼ NW ¼ Sections 24-26; N ½, NE ¼ SE ¼ Section 27.

T.35S., R.11W. Willamette Meridian: SW ¼, W ½ NW ¼ Section 6; NW ¼ Section 7; S ½ SW ¼ Section 18; N ½ NW ¼ NE ¼ SW ¼ Section 19; Section 31; W ½ Section 32.

T.35S., R.12W. Willamette Meridian: Sections 1-4; Section 5 except SW ¼ SW ¼, NE ¼ SW ¼ Section 6 except SE ¼ SE ¼, SW ¼ SW ¼, SE ¼ SW ¼, E ½ Section 7; Sections 8-9; N ½, NW ¼ SW ¼ Section 10; N ½ N ½, SW ¼ NW ¼, SW ¼ SE ¼ Section 11; NE ¼ NE ¼ Section 12; Section 13 except SE ¼ NE ¼ NE ¼ SE ¼, N ½ N ½ Section 14; Section 15 except NW ¼ SE ¼ SW ¼, W ½ NE ¼ NW ¼, N ½ SW ¼ Section 16; Sections 17-19; Section 20 except E ½ NE ¼ N ½ SE ¼; Section 21 except NW ¼ NW ¼ NE ¼ NW ¼ SW ¼ Sections 22-28; Section 29 except N ½ NW ¼ SW ¼ NW ¼, W ½ N ½ NE ¼; Section 30 except SE ¼ NE ¼, SE ¼, SE ¼ SW ¼ Section 32 except SW ¼ SW ¼ Sections 33-36.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.32S., R.13W. Willamette Meridian: Sections 18-21; Sections 28-29; N ½, NW ¼ SW ¼ Section 30.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.35S., R.12W. Willamette Meridian: Section 31 except E 1/4, N 1/2, S 1/4, W 1/4

T.35S., R.13W. Willamette Meridian: NW 1/4, N 1/2, E 1/4, S 1/2, S 1/4, S 1/4, NE 1/4, NW 1/4, SW 1/4, NW 1/4

Section 31; N 1/4, N 1/2, Section 32; N 1/4, Section 33; N 1/2, NE 1/4, NE 1/4, Section 34; Section 35; W 1/2, NW 1/4, NE 1/4, Section 36.

T.36S., R.12W. Willamette Meridian: Sections 1-4; NE 1/4, W 1/4, SE 1/4, SE 1/4, NW 1/4, NW 1/4, SW 1/4, NE 1/4, Section 8; Sections 9-17; S 1/2, NE 1/4, Section 18; NE 1/4, E 1/4, NE 1/4, Section 19; Sections 20-23; Section 24 except SW 1/4, SE 1/4, N 1/4, Section 25; Section 26 except N 1/2, SW 1/4, Sections 27-29; NE 1/4, E 1/4, SE 1/4, NW 1/4, SE 1/4, E 1/4, NW 1/4, Section 30; SE 1/4, E 1/4, SW 1/4, E 1/4, NE 1/4, SW 1/4, SW 1/4, Southwest 1/4, Section 31; Sections 32-35; SW 1/4, W 1/4, SW 1/4, Section 36.

T.36S., R.13W. Willamette Meridian: S 1/2, E 1/4, NE 1/4, NE 1/4, SW 1/4; Section 1; SW 1/4, S 1/4, SE 1/4, NE 1/4, NE 1/4, Section 2; Section 3; NE 1/4, N 1/2, SE 1/4, N 1/2, SW 1/4, Section 4; Section 5; SW 1/4, SE 1/4, NE 1/4, SW 1/4, E 1/4, NE 1/4, SW 1/4, SW 1/4, Section 6; N 1/2, SW 1/4, SW 1/4, NW 1/4, SW 1/4, Section 7; Section 8 except SE 1/4, NE 1/4, NE 1/4, Section 9 except NW 1/4, NE 1/4, NE 1/4, SW 1/4, SW 1/4, SW 1/4, SW 1/4, Sections 10-11; Section 12 except E 1/4, SE 1/4, NE 1/4, NE 1/4, Section 13 except SE 1/4, E 1/4, SW 1/4, Section 14 except SW 1/4, Section 15 except W 1/2, SW 1/4, SW 1/4, NE 1/4, SW 1/4, S 1/2, SE 1/4, Section 16; E 1/2, E 1/4, SW 1/4, SW 1/4, S 1/2, NE 1/4, SW 1/4, S 1/2, SW 1/4, NE 1/4, NW 1/4, Section 17; N 1/4, S 1/2, SW 1/4, SW 1/4, S 1/2, SE 1/4, NE 1/4, SW 1/4, NE 1/4, NW 1/4, Section 18; E 1/2, S 1/2, SE 1/4, NE 1/4, SW 1/4, NW 1/4, Section 19; NW 1/4, SW 1/4
Map and description of OR-07-c taken from United States Fish and Wildlife Service 1:100,000 map; Gold Beach, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.37S., R.13W. Willamette Meridian: SE 1/4, E 1/2 SW 1/4, S 1/2 NE 1/4 Section 24; Section 26 except NE 1/4 NW 1/4, NW 1/4 NE 1/4; E 1/2 E 1/2 Section 27; SE 1/4, E 1/2 NE 1/4, E 1/2 SW 1/4 Section 34; Sections 35-36.

T.37S., R.12 1/2W. Willamette Meridian: Section 24 except NW 1/4; Sections 25-27.

T.37 1/2S., R.11W. Willamette Meridian: NW 1/4, SW 1/4 NW 1/4 Section 31.

T.37 1/2S., R.12W. Willamette Meridian: Section 25 except E 1/2 Section 26 except E 1/2 NW 1/4; Sections 27-32; Section 33 except 1/4 SW 1/4; Sections 34-35; Section 36 except N 1/2 NE 1/4.

T.38S., R.11W. Willamette Meridian: Section 1 except N 1/2 NE 1/4, N 1/2 Section 6; Section 7 except W 1/2 SW 1/4, SE 1/4 NW 1/4 Section 9; Section 10; Section 11 except W 1/2 SE 1/4, S 1/2 SE 1/4, NE 1/4 NE 1/4 Section 14; NW 1/4 NW 1/4 Section 18.

T.38S., R.12W. Willamette Meridian: Sections 1-2; Section 3 except E 1/2 SW 1/4, SE 1/4 SW 1/4; NE 1/4 NE 1/4 Section 4; NW 1/4, W 1/2 NE 1/4 Section 5; Section 6; N 1/2 NW 1/4 Section 7; E 1/2 S 1/2, NE 1/4, NE 1/4, NE 1/4 SW 1/4 Section 9; Sections 10-12; N 1/2 S 1/2, S 1/2 NE 1/4, NW 1/4 SE 1/4 Section 13; N 1/2, S 1/2, N 1/2, SW 1/4 Section 14; Sections 15-16; E 1/2 SE 1/4 Section 17; E 1/2 E 1/2 Section 20; Section 21; W 1/2, NE 1/4 NW 1/4, NW 1/4 NE 1/4 Section 22; W 1/2 Section 27; Section 28; Section 29 except NW 1/4 NW 1/4; S 1/2 SE 1/4 Section 30; N 1/2 NE 1/4 Section 31; Section 32; Sections 33 except S 1/2 SE 1/4, W 1/2 NW 1/4, NW 1/4 SW 1/4 Section 34.

T.38S., R.13W. Willamette Meridian: Sections 1-2, SE 1/4 SE 1/4 Section 3; E 1/2 E 1/2, SW 1/4 SE 1/4 Section 10; Sections 11-13; Section 14 except S 1/2 SW 1/4, SW 1/4 SE 1/4, NE 1/4 Section 15; N 1/2 N 1/2 Section 24.

T.39S., R.12W. Willamette Meridian: N 1/2 NW 1/4, SE 1/4 NW 1/4, NE 1/4 SW 1/4, NE 1/4 NE 1/4 Section 5.

Map and description of OR-07-d taken from United States Fish and Wildlife Service 1:100,000 map; Gold Beach and Grants Pass, Oregon; 1995.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.39S., R.11W. Willamette Meridian: Sections 1-3; NE ½ Section 4; NW ½ Section 5; SW ½ Section 6; E ½, W ½ Section 7; Section 8 except W ½ Section 9; W ½, NW ¼ Section 10; SW ¼ Section 11; Section 12 except NW ½; SW ½ Section 13; NE ½ Section 14; SW ½, S ½ Section 15; W ½ NE ¼, SE ¼ SW ¼, Section 16; E ½ SW ¼ Section 17; Section 18 except E ½ Section 19; Sections 19-20; Section 21 except SE ¼; Section 22; W ½, W ½ SW ¼ Section 23; Section 24; SE ¼, E ½, S ½ Section 25; Section 26; Section 27 except E ½ SE ¼ Sections 28-30; Section 31 except SE ¼; Section 32; W ½ SW ¼, SW ¼ Section 33; SW ½ Section 34; Section 35 except NW ¼; NW ¼ SW ¼ Section 36.

Map and description of OR-07-f taken from United States Fish and Wildlife Service 1:100,000 map; Port Orford, Canyonville, Gold Beach and Grants Pass, Oregon; 1995.
§ 17.95

NW¼ SW¼ SE¼ SE¼ Section 30; Section 31 except W½, W½ SE¼; Sections 32–34.

T.34S., R.10W. Willamette Meridian: Sections 4–5; Section 6 except NW¼ NE¼, N½ NW¼, SW¼ NW¼; Sections 7–8; Section 18.

T.34S., R.10 ½W. Willamette Meridian: S½ Section 7; Section 18 except NW¼ NW¼; Sections 19; Sections 30–31.

T.34S., R.11W. Willamette Meridian: E½ SE¼, SE¼ NE¼ Section 11; Section 12 except E½; Section 13 except NE¼; E½ E½ SW¼ SW¼ Section 14; SE¼ SE¼ Section 15; Section 21 except N½, E½ SE¼, NW¼ SW¼; Section 22 except NW¼, W½ NE¼, NW¼ SE¼, N½ SW¼, SW¼ SW¼; Section 23 except NE¼ NW¼, NE¼ NE¼; Sections 24–28; S½ NE¼, SE¼ Section 31; Section 32 except N½ NW¼; Sections 33–36.

T.35S., R.10 ½W. Willamette Meridian: Section 6; Section 7 except E½ E½, W½ SE¼, NE¼ SW¼; Section 18 except E½, E½ SW¼; NW¼, W½ SW¼, NW¼ NE¼ Section 19; W½ SW¼ Section 30; Section 31.

T.35S., R.11W. Willamette Meridian: Section 5 except SW¼ SW¼; E½ NE¼ Section 6; E½ E½ Section 7; Sections 8–15; Section 17; E½ NE¼, NW¼ NE¼ Section 18; Section 20 except SW¼ NW¼, W½ SW¼; Section 21 except SW¼ NE¼; Sections 22–28; NE¼ NW¼, E½ E½ Section 29; Section 33 except W½ SW¼; Sections 34–36.

T.36S., R.11W. Willamette Meridian: Sections 2–3; N½ N½, SE¼ NE¼, E½ SE¼ Section 4; NE¼ NW¼, N½ NE¼ Section 5; E½ E½ Section 9; Sections 10–11; Section 15; E½ E½ Section 16.

Map and description of OR–07–g taken from United States Fish and Wildlife Service 1:100,000 map; Canyonville, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31S., R.09W. Willamette Meridian: Section 19 except NW¼ NW¼, SW¼ SW¼, SW¼ SE¼; Section 20; Section 31; Section 33 except NE¼ NE¼.

Map and description of OR–07–g taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; Crescent City and Happy Camp, California; 1996.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.01E. Humboldt Meridian: NW¼ NW¼ Section 1; W½, NE¼, NW¼ SE¼ Section 2; Section 3; E½ Section 4; NE¼, E½ SE¼ Section 9; Section 10; W½ NE¼, NW¼, SW¼, Section 11; W½ Section 14; Section 15; NE¼ NE¼ Section 16; Section 22; NW¼, NW¼ SW¼ Section 23; N½, N½ SW¼, NW¼ SE¼ Section 27.

T.19N., R.01E. Humboldt Meridian; Section 33 except W½ SW¼; Sections 34–35; Section 36 except SE¼ SE¼.

Map and description of OR–07–g taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31S., R.09W. Willamette Meridian: Section 19 except NW¼ NW¼, SW¼ SW¼, SW¼ SE¼; Section 20; Section 31; Section 33 except NE¼ NE¼.

Map and description of OR–07–g taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31S., R.09W. Willamette Meridian: Section 19 except NW¼ NW¼, SW¼ SW¼, SW¼ SE¼; Section 20; Section 31; Section 33 except NE¼ NE¼.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.02E. Humboldt Meridian: SW¼ SE½ SE½ SW¼ Section 20; Section 31 except N½ NW¼, SW¼ NW¼; W½, W½ NE¼ Section 32.

T.17N., R.01E. Humboldt Meridian: SW¼ SE½ SW¼ Section 36; SE½, SE½ SW¼ Section 36.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.16N., R.03E. Humboldt Meridian: SW¼ NE¼ Section 18; SE¼, SE¼ NW¼ Section 19; SE¼, E½ SE¼ Section 30; Sections 26-29; S½ NW¼, SW¼, W½ SE¼, SE¼ SE¼ Section 34.

T.16N., R.02E. Humboldt Meridian: W½, SW¼ SE¼ Section 6-8; W½ Section 7; W½ NW¼, SW¼, S½ SE¼ Section 16; Section 17; Section 18 except W½ NW¼, SE¼ NW¼; Sections 19-21; Section 22 except N½ NE¼, SE¼ NE¼; SW¼ SW¼ Section 23; S½, S½ NE¼, NE¼ NE¼ Section 25; Section 26 except NE¼ NE¼; Sections 27-29; N½ N½, SE¼ NE¼ Section 30; Section 32 except SW¼; Sections 33-36.

T.16N., R.01E. Humboldt Meridian: Sections 1-2; SE¼, E½ NE¼ Section 3; NE¼, SW¼ NW¼, NE¼ NW¼ Section 10; N½, SE½, S½ Section 11; Section 12; S½ SE¼ Section 13; NE¼ Section 24.

T.15N., R.03E. Humboldt Meridian: Sections 2-9; N½, N½ SW¼ Section 7; SE¼, S½ SW¼, NE¼ SW¼ Section 8; Sections 9-10; W½, W½ NE¼ Section 11; SW¼ SW¼ Section 12; Sections 13-17; Section 18 except NW¼, SW¼ NE¼, NE¼ NW¼ Section 19; Section 20 except SW¼; Sections 21-23; W½ NW¼, NW¼ SW¼ Section 24; Section 27 except E½ E½, SW¼ SW¼; Section 28 except S½, SW¼ NE¼, SE¼ NW¼, NE¼ NW¼, NE¼ SE¼, NE¼ SW¼, E½ NW¼ Section 29.

T.15N., R.01E. Humboldt Meridian: Sections 1-3; N½ NW¼, NE¼, E½ SE¼ Section 4; NE¼ NE¼ Section 5; Section 10 except W½ SW¼; Sections 11-12; Section 13 except E½ NE¼, SE¼ Section 14; NE¼, E½ SE¼, NW¼ SE¼ Section 15; E½ SE¼ Section 22; Section 23 except SE¼ NE¼, SW¼ SE¼; SW¼ Section 24; Section 25 except E½ NE¼; Section 26 except NE¼ NE¼; S½, S½ N½ Section 27; SE¼, SE¼ SW¼, S½ NE¼ Section 28; Sections 29-31 except E½ E½.

T.14N., R.02E. Humboldt Meridian: N½ NW¼, W½ NW¼, NE¼ NW¼, W½ NE¼ Section 30; Section 31 except SW¼ SW¼, SE¼ SW¼ Section 32; T.14N., R.01E. Humboldt Meridian: SE¼, SE¼ SW¼ Section 12; Section 13 except W½ W½; Sections 24-25; E½ NE¼ Section 26; SE¼, E½ NE¼ Section 31; Section 36.

T.13N., R.03E. Humboldt Meridian: SW¼, W½ NW¼, NE¼ NW¼, W½ SE¼ Section 5; Sections 6-7; Section 8 except NE¼, NE¼ SE¼, S½ SW¼ Section 9; E½ SW¼, SW¼ Map and description of CA-01-c taken from United States Fish and Wildlife Service 1:100,000 map; Happy Camp and Hoopa, California; 1995.

T.13N., R.02E. Humboldt Meridian: SW¼, W½ NW¼, NE¼ NW¼, W½ SE¼ Section 5; Sections 6-7; Section 8 except NE¼, NE¼ SE¼, S½ SW¼ Section 9; E½ SW¼, SW¼ Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14N., R.03E. Humboldt Meridian: SE¼, SE¼ SW¼ Section 12; SW¼ SW¼ Section 22; W½ SW¼, W½ NE¼, NW¼ SW¼ Section 27; Section 28 except NW¼, SE¼ SE¼ Section 29; E½ Section 33 except W½ W½, E½ SW¼, SW¼ SE¼; W½ W½ Section 34.

T.13N., R.03E. Humboldt Meridian: NW¼ NW¼ Section 3.
§ 17.95

SW¼, W½ SE¼ Section 10; NW¼, N½ SW¼, W½ NE¼, NW¼ SE¼, SE¼ SE¼ Section 15; Section 16 except SE¼ SE¼; Sections 17-21; Section 22 except SE¼ SE¼; N½ NW¼ Section 27; N½ NW¼, NW¼ NE¼ Section 28; Section 29 except E½ SE¼; Sections 30-31, Section 32 except E½ NE¼; S½ SE¼ Section 36; SW¼, W½ SE¼, SE¼ SE¼ Section 36.

T. 13N., R.04E. Humboldt Meridian: Section 1; Section 2 except NW¼; S½ SE¼ Section 3; SE¼ SE¼ Section 9, Section 10 except NW¼; NW¼ Sections 11-15; E½ E½ Section 16; SE¼, S½ NE¼, NE¼ NE¼, S½ SW¼ Section 21; Sections 22-28; Section 29 except N½ N½; Section 30 except N½ N½; Sections 31-36.

T. 13N., R.03E. Humboldt Meridian: S½ Section 25; S½ SE¼ Section 26; Section 35 except W½ NW¼ Section 36.

T. 12N., R.06E. Humboldt Meridian: SW¼ Section 6; SW¼ Section 7; W½, W½ SE¼ Section 18; N½ NW¼, NW¼ NE¼ Section 19.

T. 12N., R.05E. Humboldt Meridian: Sections 1-3; Sections 10 except NW¼, NW¼ SW¼; W½ NE¼, NE¼ NE¼ Section 9; Section 10 except W½ W½, W½ NE¼ NW¼; Sections 11-15; Section 15 except W½ W½, SE¼ SW¼, SW¼ SE¼; SW¼ SE¼ Section 22, Section 23 except SW¼ SW¼; Section 24; Section 25 except SW¼ SE¼; SE¼ N½ NE¼, SE¼ NE¼ Section 26.

T. 11N., R.06E. Humboldt Meridian: SW¼, W½ NW¼, Section 6; W½ Section 7; NW¼ NW¼ Section 18; SW¼, SW¼ NW¼ Section 19.

T. 11N., R.05E. Humboldt Meridian: SW¼, W½ NW¼, SW¼ NW¼ Section 7.

T. 11N., R.04E. Humboldt Meridian: SW¼, W½ NW¼, SW¼ NW¼ Section 9; Section 20; W½ W½, SE¼ SW¼ Section 30.

T. 10N., R.06E. Humboldt Meridian: SW¼, W½ SE¼ Section 2; Section 3 except NE¼, Section 4 except SE¼; Section 10 except S½, SW¼ NW¼; N½ NW¼ Section 11; Section 16 except SE¼, SE¼ SW¼ Section 17-18; Section 19 except SE¼, SE¼ SW¼, SE¼ NE¼; N½ NW¼ Section 20; W½ W½, SE¼ SW¼ Section 30.

T. 10N., R.05E. Humboldt Meridian: Sections 1-3; Sections 10-15; Sections 22-27.
§ 17.95

E 1/4 Sec 1; Section 27 except SW 1/4, W 1/4 Sec 1, Sec 1/4 NW 1/4, NE 1/4 NE 1/4 Section 28.

T.17N., R.05E. Humboldt Meridian: SW 1/4, SW 1/4 NW 1/4 Section 4, Section 5 except N 1/2 N; SW 1/4, SW 1/4 NW 1/4; Section 6 except NE 1/4; Section 7 except S 1/2 SE 1/4, SW 1/4 SE 1/4; Section 8 except SE 1/4 SE 1/4, W 1/4 NW 1/4 Section 9.

T.17N., R.04E. Humboldt Meridian: Section 1 except SW 1/4, SW 1/4 NW 1/4; Section 2 except NE 1/4 NE 1/4, N 1/2 NW 1/4, E 1/2 SE 1/4; Section 3 except N 1/2 N; Section 4; Section 1/4 NE 1/4, SE 1/4 Section 5; Section 8 except NW 1/4; Sections 9-10; NE 1/4, NW 1/4 SW 1/4 Section 11; NE 1/4 Section 12; Sections 16-17; W 1/6, W 1/6 E 1/6 Section 20; SE 1/4, NE 1/4 SW 1/4 Section 21; S, S 1/4 NW 1/4 Section 22; S, S 1/2 N; Section 23; W 1/6 SW 1/4 Section 24; W 1/6 NW 1/4, NW 1/4 SW 1/4 Section 25; Section 26; Section 27 except SW 1/4; NE 1/4, SW 1/4, SW 1/4 SE 1/4 Section 28; Section 29 except SE 1/4, SE 1/4 SW 1/4 Section 30.

T.16N., R.05E. Humboldt Meridian: SW 1/4, SW 1/4 NW 1/4; Section 4; Section 5 except N 1/2 NW 1/4, E 1/2 SE 1/4; Section 6 except NE 1/4; Sections 9-10; W 1/6, W 1/6 NE 1/6 Section 11; W 1/6 NW 1/6 Section 12; E 1/2 E 1/2 Section 13; E 1/2 E 1/2 Section 14; E 1/2 E 1/2 Section 15; W 1/6 NW 1/6 Section 16; Section 17; E 1/2 E 1/2 Section 18; Section 19 except NW 1/4 NW 1/4; Section 20; Section 21 except SW 1/4; NW 1/4 SW 1/4 Section 22; Section 23 except W 1/4 NW 1/4; W 1/4 NW 1/4 Section 24; Section 25 except NW 1/4; W 1/4 NW 1/4 Section 26; Section 27 except NW 1/4; Section 28 except SW 1/4; W 1/4 NW 1/4 Section 29; Section 30 except SW 1/4; W 1/4 NW 1/4 Section 31; Section 32 except SW 1/4; W 1/4 NW 1/4 Section 33; Section 34 except SW 1/4; W 1/4 NW 1/4 Section 35; Section 36.

T.15N., R.06E. Humboldt Meridian: SE 1/4 Section 2; Section 3 except NE 1/4; Section 4; Section 5 except NE 1/4, NE 1/4 SW 1/4, SE 1/4 Section 25; NW 1/4 Section 27; Section 28 except E 1/2 SE 1/4; NW 1/4, NW 1/4 SW 1/4 Section 29; SE 1/4 SE 1/4 Section 30; E 1/4 NE 1/4; SE 1/4 Section 31; Sections 32-33; Section 34 except N 1/2 N; E 1/2 NE 1/4 Section 34; E 1/4 SW 1/4, E 1/4 SW 1/4 Section 35; Section 36.

T.15N., R.04E. Humboldt Meridian: SW 1/4 Section 6; W 1/4 NW 1/4 Section 7.

T.14N., R.05E. Humboldt Meridian: Sections 1-4; E 1/4 SE 1/4, NE 1/4, N 1/2 NW 1/4 Section 5; NE 1/4, E 1/4 NW 1/4 Section 6; NE 1/4, NE 1/4 NW 1/4, N 1/2 SE 1/4 Section 8; Section 9 except S 1/2 SW 1/4, SW 1/4 SE 1/4 Section 10; Section 11 except S 1/2 SE 1/4, SE 1/4 SW 1/4; Section 12 except W 1/4 SW 1/4; W 1/4 NW 1/4, NE 1/4 NW 1/4 Section 13; N 1/2 NE 1/4, NW 1/4 Section 15; NE 1/4 Section 24.

Map and description of CA-01-e taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; Happy Camp, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.41S., R.07W. Willamette Meridian: S 1/2 SW 1/4, NW 1/4 SW 1/4 Section 6; N 1/2 NW 1/4, SW 1/4 NW 1/4 Section 7; SE 1/4, S 1/2 NE 1/4 Section 8; S 1/2 SE 1/4, W 1/2 Section 9; Section 10 except W 1/4 SW 1/4; Section 11 except SE 1/4, S 1/2 SW 1/4, S 1/2 Section 12; E 1/2 E 1/2 Section 13; S 1/2 SE 1/4 Section 14; W 1/2 Section 15; E 1/2 E 1/2 Section 16; Section 17; S 1/2 SW 1/4, SE 1/4 NE 1/4 Section 18; N 1/2 Section 19.

T.41S., R.08W. Willamette Meridian: Section 1 except SE 1/4 NW 1/4, W 1/2 SW 1/4; Section 2 except SE 1/4 SE 1/4; Section 4; Section 9 except W 1/4 W 1/4; Section 11 except NE 1/4 NE 1/4; Section 12 except E 1/2 SE 1/4; Section 13 except NE 1/4; Sections 14-16; E 1/2 SE 1/4, SE 1/4 NE 1/4 Section 17.

T.19N., R.05E. Humboldt Meridian: Section 1 except SE 1/4 NW 1/4, W 1/2 SW 1/4; Section 2 except SE 1/4 SE 1/4; Section 4; Section 9 except W 1/4 W 1/4; Section 11 except NE 1/4 NE 1/4; Section 12 except E 1/2 SE 1/4; Section 13 except NE 1/4; Sections 14-16; E 1/2 SE 1/4, SE 1/4 NE 1/4 Section 17.

T.19N., R.06E. Humboldt Meridian: E 1/2 SW 1/4, SW 1/4, SE 1/4 NE 1/4 Section 31; Section 32 except NW 1/4 NW 1/4, W 1/2 NE 1/4, N 1/2 SW 1/4 Section 33.

T.19N., R.05E. Humboldt Meridian: Section 1 except SE 1/4 NW 1/4, W 1/2 SW 1/4; Section 2 except SE 1/4 SE 1/4; Section 4; Section 9 except W 1/4 W 1/4; Section 11 except NE 1/4 NE 1/4; Section 12 except E 1/2 SE 1/4; Section 13 except NE 1/4; Sections 14-16; E 1/2 SE 1/4, SE 1/4 NE 1/4 Section 17.

T.18N., R.06E. Humboldt Meridian: Sections 32-34; SW 1/4 SW 1/4 Section 35.

T.18N., R.05E. Humboldt Meridian: Section 5 except NW 1/4, W 1/2 NE 1/4 SE 1/4, E 1/2 SW 1/4 Section 6; Section 7 except N 1/2 S 1/2, NW 1/4 SW 1/4; Sections 16-17; SE 1/4, S 1/2 N 1/2, NW 1/4 NW 1/4, Section 18; N 1/2 Section 19.

T.18N., R.04E. Humboldt Meridian: Section 5 except NW 1/4, W 1/2 NE 1/4 SE 1/4, E 1/2 SW 1/4 Section 6; Section 7 except N 1/2 S 1/2, NW 1/4 SW 1/4; Sections 16-17; SE 1/4, S 1/2 N 1/2, NW 1/4 NW 1/4, Section 18; N 1/2 Section 19.

T.18N., R.04E. Humboldt Meridian: W 1/2 NW 1/4 Section 2; Section 3 except SE 1/4 SE 1/4; Section 4; N 1/2 N; SW 1/4 NE 1/4 Section 9.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.06E. Humboldt Meridian: Section 5 except E 1/2 E1/2, SE 1/4 SW1/4, SE 1/4 Section 6; Section 7; Section 8 except E1/2 NE 1/4; Section 17 except E1/2 SE 1/4; Sections 18-19; W1/2 NW1/4, NE 1/4 NW1/4, W1/2 SW1/4 Section 20; Section 30 except E1/2 SE 1/4, SE 1/4 NE 1/4; Section 31 except E1/2 E1/2, SW1/4 SE1/4.

T.18N., R.05E. Humboldt Meridian: Section 1 except N1/2 NE 1/4; Sections 2-4; Sections 8-12; Section 13 except SW1/4, SW1/4 NW1/4, SW1/4 SE 1/4; Section 14 except SE 1/4, S1/2 NE 1/4; Section 15; Section 20 except SW1/4; Section 21 except S1/2 SE 1/4; Section 22 except SW1/4 SE1/4, S1/2 SW1/4 NW1/4, NW1/4 SW1/4, SW1/4 SW1/4 SE1/4; Section 23; S1/2 SE1/4, NE 1/4 SE 1/4, E1/2 NE 1/4 Section 24; Section 25 except S1/2 SW1/4, NW1/4 NW1/4, W1/2 SW1/4, NW1/4, SE 1/4 SW1/4 Section 28; E1/2 Section 29; E1/2 Section 32; NW1/4, NE 1/4 SW1/4 Section 33; SE 1/4, SE 1/4 SW1/4 Section 36.

T.18N., R.04E. Humboldt Meridian: Section 5; N1/2 N1/2 Section 8.

Critical Habitat includes only State lands described within the following areas:

T.14N., R.01E. Humboldt Meridian: S1/2 NE 1/4, S1/2, SE 1/4 NW1/4 Section 21; W1/2 SW1/4, SE 1/4 SW1/4 Section 22; NW1/4, NW1/4, NW1/4 SW1/4 Section 27; Section 28 except W1/2 SW1/4, SE 1/4 SW1/4, SE 1/4 SE1/4.

T.17N., R.01E. Humboldt Meridian: SW1/4 SW1/4 Section 21; W1/2 NW1/4, NW1/4 SW1/4 Section 28; E1/2 NE 1/4 Section 29.

Critical Habitat includes only State lands described within the following areas:

T.14N., R.01W. Humboldt Meridian: Section 1 above Mean High Water (MHW).

T.15N., R.01E. Humboldt Meridian: W1/2 Section 6; W1/2 Section 7; Sections 18-19 above MHW.

T.15N., R.01W. Humboldt Meridian: SE 1/4, S1/2 SW1/4 Section 1; Section 12 except W1/2 NE 1/4; S1/2, NE 1/4, NE 1/4 NW1/4 Section 13; Section 23 above MHW, Section 24, Sections 25-26 above MHW; Section 36 above MHW.

T.16N., R.01E. Humboldt Meridian: NW1/4 Section 4; Sections 5-7; Section 8 except NE 1/4 SE1/4; SW1/4 NW1/4, NW1/4 SW1/4 Section 9; NW1/4 Section 15; W1/2, NE 1/4 Section 16; Sections 17-20; W1/2 SW1/4 Section 21.

T.16N., R.01W. Humboldt Meridian: Section 1; SE 1/4 SE1/4 Section 2; E1/2 NE 1/4 Section 11; Sections 12-13; E1/2 E1/2 Section 14; SE 1/4, E1/2 NE 1/4, SW1/4 NE 1/4, S1/2 NW1/4 Section 23; Section 24.

T.17N., R.01E. Humboldt Meridian: SW1/4, W1/2 SE 1/4 Section 30, Section 31 except E1/2 NE 1/4, NE 1/4 SE 1/4.

T.17N., R.01W. Humboldt Meridian: SE 1/4 SE1/4 Section 29; N1/2, E1/2 NE 1/4 Section 30.

Map and description of CA-02-a taken from United States Fish and Wildlife Service; 1:100,000 map; Crescent City, California; 1995.
Critical Habitat includes only State lands described within the following areas:

T.11N., R.01E. Humboldt Meridian: Sections 1-2 N 1/4 Section 3; Section 4 except E 1/4 SE 1/4; Section 9 except E 1/2 E 1/2, SW 1/4 SW 1/4; N 1/2 NE 1/4, SW 1/4 NE 1/4, E 1/2 NW 1/4 Section 11; NW 1/4 NW 1/4 Section 12.

T.12N., R.01E. Humboldt Meridian: W 1/2 NW 1/4, NE 1/4 NW 1/4, S 1/2 Section 3; Section 4 above MHW; Section 9 above MHW; Section 10 except SE 1/4 NW 1/4; S 1/2 NW 1/4, SW 1/4 Section 11; W 1/2, NW 1/4 SE 1/4, S 1/2 SE 1/4 Section 14; Section 15; Section 16 above MHW; Section 21 above MHW; Sections 22-23; SW 1/4 Section 24; Sections 25-27; Section 28 above MHW; Section 33 above MHW; Section 34-36.

T.13N., R.01E. Humboldt Meridian: SW 1/4, E 1/2 SE 1/4 Section 33; SW 1/4 SW 1/4 Section 34.

Map and description of CA-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Eureka and Hayfork, California; 1995.

Critical Habitat includes only Private lands described within the following areas:

T.02N., R.01E. Humboldt Meridian: Section 1-3; N 1/2 Section 10; Section 11-12.

T.02N., R.02E. Humboldt Meridian: Section 3; W 1/2 Section 4; Section 5-6; N 1/2 Section 7; N 1/2 Section 8; Section 9-11; Section 14; Section 15 except SW 1/4; N 1/2 Section 16; N 1/2 Section 22; N 1/2 Section 23.

T.03N., R.01E. Humboldt Meridian: S 1/2 Section 3; Section 4-10; W 1/2 Section 11; Section 13-18; W 1/2 Section 19; Section 20-26; E 1/2 Section 27; W 1/2 Section 28; Section 29-35; Section 36 except NE 1/4.

T.03N., R.02E. Humboldt Meridian: Section 3 except NE 1/4; Section 4; SE 1/4 Section 5; S 1/2 Section 6; Section 7; Section 9; Section 10; W 1/2 Section 16; Section 18-20; Section 21 except NE 1/4; SW 1/4 Section 22; W 1/2 Section 27; Section 28 except SW 1/4; Section 29-30; Section 31 except SW 1/4; Section 32; Section 33 except NW 1/4.

T.04N., R.02E. Humboldt Meridian: S 1/2 S 1/2 Section 33; SW 1/4 Section 34.
Map and description of CA-04-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Mendocino and Garberville, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.01N., R.01E. Humboldt Meridian: SW 1/4 Section 23; S 1/2 Section 24; SW 1/4 NW 1/4, N 1/2 Section 25; NE 1/4, E 1/2 NW 1/4 Section 26.

T.01N., R.02E. Humboldt Meridian: E 1/2 NE 1/4, NE 1/4 SE 1/4 Section 11; NW 1/4 Section 12; S 1/2 Section 19; W 1/2 W 1/2 Section 29; N 1/2, N 1/2 SE 1/4, NE 1/4 SW 1/4 Section 30; NW 1/4 NW 1/4, S 1/2 SE 1/4, E 1/2 SW 1/4 Section 32.

T.01S., R.01E. Humboldt Meridian: S 1/2 S 1/2 Section 13; S 1/2 NW 1/4, S 1/2 Section 14; E 1/2 SE 1/4 Section 15; E 1/2 E 1/4, SW 1/4 SE 1/4 Section 22; Sections 23-27; Section 28 except W 1/2 NW 1/4; Section 33 except SW 1/4 NW 1/4, SW 1/4 Sections 34-36.

T.01S., R.02E. Humboldt Meridian: S 1/2 NW 1/4, NW 1/4 SW 1/4, S 1/2 SW 1/4, SW 1/4 SE 1/4 Section 3; Section 4 except SW 1/4 NW 1/4; NE 1/4 NE 1/4 Section 9; NW 1/4, W 1/2 NE 1/4, E 1/2 SE 1/4 Section 10; SW 1/4 SW 1/4 Section 11; W 1/2 Section 14; SE 1/4, SW 1/4 SW 1/4 Section 15; S 1/2 NW 1/4, SW 1/4, S 1/2 SE 1/4 Section 16; S 1/2, SE 1/4 NE 1/4 Section 17; S 1/2 SE 1/4 Section 18; Sections 19-22; W 1/2 Section 23; W 1/2, SW 1/4 SE 1/4 Section 26; Sections 27-34; W 1/2 NW 1/4, SE 1/4 NW 1/4, N 1/2 SW 1/4, SW 1/4 SW 1/4, SW 1/4 NE 1/4, S 1/2 SE 1/4, NW 1/4 SE 1/4 Section 35.

T.02S., R.01E. Humboldt Meridian: Sections 1-3; E 1/2 E 1/2 Section 4; E 1/2 E 1/2 Section 9; Sections 10-14; Section 15 except W 1/2 SW 1/4, SW 1/4 NW 1/4; Section 22 except SW 1/4, W 1/2 NW 1/4; Sections 23-26; Section 26 except, SW 1/4, S 1/2 NW 1/4, SW 1/4 NE 1/4.

Map and description of CA-04-b taken from United States Fish and Wildlife Service 1:100,000 map; Garberville, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.02S., R.02E. Humboldt Meridian: SW 1/4 Section 1; Section 2 except NE 1/4, E 1/2 NW 1/4, NE 1/4 SE 1/4 Sections 3-24; Section 25 except SW 1/4 SW 1/4; N 1/2 Section 26; Section 27 except S 1/2 S 1/2; Section 28 except S 1/2 S 1/2, NW 1/4 SW 1/4; Section 29 except NE 1/4 SE 1/4, S 1/2 SE 1/4 Section 30 except S 1/2 SW 1/4; NE 1/4 NW 1/4, N 1/2 NE 1/4 Section 36.

T.03S., R.02E. Humboldt Meridian: Section 7 except N 1/2, SW 1/4 SW 1/4 Section 8; Section 17 except NE 1/4, E 1/2 SE 1/4 Sections 18-20; Section 21 except NW 1/4 NE 1/4, SE 1/4 NE 1/4, N 1/2 SE 1/4, SE 1/4 SE 1/4, S 1/2 S 1/2, NW 1/4 SW 1/4, SW 1/4 NW 1/4 Section 27; Section 28 except NE 1/4 NE 1/4; Section 29 except W 1/2 NW 1/4; Section 30 except SE 1/4 NE 1/4, NE 1/4 SE 1/4 Section 31 except S 1/2 S 1/2, NW 1/4 SE 1/4 Section 32 except SE 1/4 NE 1/4, S 1/2 NE 1/4 NE 1/4 NW 1/4 Section 33; E 1/2 NW 1/4 Section 34; SE 1/4 NW 1/4, NW 1/4 NW 1/4 Section 35.

T.03S., R.03E. Humboldt Meridian: SW 1/4 Section 3; E 1/2 NE 1/4 Section 11; N 1/2, NW 1/4 SW 1/4, SE 1/4 SE 1/4 Section 12; SE 1/4 SE 1/4, Section 13.

T.03S., R.04E. Humboldt Meridian: SW 1/4 SW 1/4 Section 18; NW 1/4 NW 1/4 SW 1/4 Section 30.

T.03S., R.03E. Humboldt Meridian: SE 1/4 Section 3; E 1/2 NE 1/4 Section 11; N 1/2, NW 1/4 SW 1/4, SE 1/4 SE 1/4 Section 12; SE 1/4 SE 1/4, Section 13.

T.05S., R.03E. Humboldt Meridian: Section 7 except N 1/2, SW 1/4 SW 1/4 Section 8; Section 17 except NE 1/4, E 1/2 SE 1/4 Sections 18-20; Section 21 except NW 1/4 NE 1/4, SE 1/4 NE 1/4, N 1/2 SE 1/4, SE 1/4 SE 1/4, S 1/2 S 1/2, NW 1/4 SW 1/4, SW 1/4 NW 1/4 Section 27; Section 28 except NE 1/4 NE 1/4; Section 29 except W 1/2 NW 1/4; Section 30 except SE 1/4 NE 1/4, NE 1/4 SE 1/4 Section 31 except S 1/2 S 1/2, NW 1/4 SE 1/4 Section 32 except SE 1/4 NE 1/4, S 1/2 NE 1/4 NE 1/4 NW 1/4 Section 33; E 1/2 NW 1/4 Section 34; SE 1/4 NW 1/4, NW 1/4 NW 1/4 Section 35.

T.03S., R.03E. Humboldt Meridian: SW 1/4 SW 1/4 Section 18; NW 1/4 NW 1/4 SW 1/4 Section 30.
Map and description of CA±05±a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Mendocino, Garberville and Covelo, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.02S., R.02E. Humboldt Meridian: SE 1/4 SE 1/4 Section 31; S 1/2 SW 1/4, SW 1/4 SE 1/4 Section 32.

T.03S., R.02W. Humboldt Meridian: SE 1/4 NW 1/4, E 1/2 SW 1/4, S 1/2 SE 1/4, NW 1/4 SE 1/4 Section 12; Sections 13-14; Section 15-16 East of Mean High Water (MHW); Section 22-23 East of MHW; Section 24 except SE 1/4; N 1/2 NE 1/4 Section 26 East of MHW.

T.03S., R.03W. Humboldt Meridian: SW 1/4 SW 1/4 Section 9; NE 1/4 SE 1/4 Section 10; S 1/4, SE 1/4 NE 1/4 Section 11; SW 1/4 NW 1/4, S 1/2 Section 12; Sections 13-18; N 1/2 NW 1/4, SW 1/4 NW 1/4 Section 19; N 1/2 NW 1/4, SE 1/4 NW 1/4, NE 1/4, N 1/2 SE 1/4, Section 20; Sections 21-24; N 1/2, E 1/2 SE 1/4 Section 25; N 1/2 NE 1/4 Section 28; NE 1/4 NW 1/4, NW 1/4 NE 1/4 Section 35; N 1/2 NW 1/4, NE 1/4, E 1/2 SW 1/4 Section 36.

T.03S., R.01E. Humboldt Meridian: N 1/2 SE 1/4, SE 1/4 SE 1/4, NE 1/4 SW 1/4 Section 12; N 1/2 SE 1/4, SE 1/4 SE 1/4, SE 1/4 NE 1/4 Section 13; SW 1/4 NW 1/4, W 1/2 SW 1/4 Section 18; W 1/2 NW 1/4, SW 1/4, W 1/2 SE 1/4 Section 19; SE 1/4 NE 1/4, NE 1/4 SE 1/4 Section 24; W 1/2 SW 1/4 Section 29; Section 30 except NE 1/4 NE 1/4; Section 31; W 1/2 W 1/2, NE 1/4 NW 1/4, NE 1/4 SW 1/4 Section 32.

T.03S., R.02E. Humboldt Meridian: W 1/2 SW 1/4, NW 1/4, SE 1/4 NE 1/4, SW 1/4 SE 1/4 Section 5; E 1/2 SE 1/4, SW 1/4 SE 1/4 Section 6; Section 7 except SW 1/4 NW 1/4, SE 1/4 SE 1/4, W 1/2 W 1/2, SE 1/4 NW 1/4, SW 1/4, W 1/2 NE 1/4, W 1/2 SE 1/4, SE 1/4 SE 1/4 Section 8; S 1/2 SW 1/4 Section 9; E 1/2 SW 1/4 Section 10; NE 1/4 NW 1/4, SE 1/4 SW 1/4, SW 1/4 SE 1/4 Section 19; SE 1/4 NE 1/4 Section 20; NW 1/4 NE 1/4 Section 22; NW 1/4 NW 1/4 Section 28; NW 1/4 NE 1/4 Section 30.

T.04S., R.02W. Humboldt Meridian: W 1/2 SW 1/4 Section 10; S 1/2, NE 1/4 Section 11; N 1/2, W 1/2 SW 1/4 Section 12; Section 14 east of MHW.

T.04S., R.03W. Humboldt Meridian: SW 1/4, W 1/2 SE 1/4, SE 1/4 SE 1/4, S 1/2 NE 1/4 Section 4; Section 5; Section 6 except S 1/2 SW 1/4; NE 1/4, E 1/2 NW 1/4, NE 1/4 SE 1/4 Section 7; N 1/2 Section 8; Section 9 except N 1/2 NW 1/4, NE 1/4 NE 1/4; S 1/2, E 1/2 NE 1/4 Section 10; SW 1/4, SW 1/4 NW 1/4 Section 11; Section 13; Section 16 except SW 1/4 SW 1/4; S 1/2 SW 1/4 Section 20; E 1/2, S 1/2 SW 1/4 Section 21; Sections 22-23; S 1/2 NW 1/4, NW 1/4 NW 1/4, SW 1/4 Section 24; W 1/2 Section 25; Section 26-27; Section 28 except NW 1/4 NW 1/4; S 1/2, SE 1/4 SE 1/4 Section 29; N 1/2 N 1/2 Section 33; E 1/2 Section 34; Section 35; W 1/2 Section 36.

T.04S., R.02E. Humboldt Meridian: 5 1/2 SW 1/4, NE 1/4 SW 1/4, NW 1/4 SE 1/4 Section 31.

T.05S., R.01E. Humboldt Meridian: Section 1; Section 2 except NE 1/4, E 1/2 NE 1/4, SW 1/4 NE 1/4 Section 3; NE 1/4, S 1/2 SE 1/4, NE 1/4 NW 1/4 Section 11; Section 12 except N 1/2 NW 1/4, NE 1/4 SW 1/4; Section 13 except W 1/2 NE 1/4, SE 1/4 NE 1/4, NE 1/4 SE 1/4, E 1/2 Section 14; Section 23 East of MHW; Section 24; Section 25 East of MHW.

Map and description of CA±05±b taken from United States Fish and Wildlife Service 1:100,000 map; Covelo, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.24N., R.19W. Mt. Diablo Meridian: W 1/2 W 1/2 Section 2; Section 3 except E 1/2 NW 1/4; Section 4 except NE 1/4 NE 1/4; Section 5; Section 9 above MHW; Section 10; W 1/2 W 1/2, SE 1/4 SW 1/4 Section 11; W 1/2 Section 14; Section 15 above MHW; Section 22 above MHW; Section
§ 17.95

23 except NE ¼, NE ½ SE ¼; Section 24 except NE ¼ NW ¼, N ½ NE ¼; Section 25 except SW ¼ SW ¼; Section 26 above MHW; Section 36 above MHW.

T.24N., R.18W. Mt. Diablo Meridian: SW ¼ NW ¼, SE ¼ SW ¼, W ½ SW ¼ Section 31.
T.23N., R.19W. Mt. Diablo Meridian: Section 1 above MHW.

T.23N., R.18W. Mt. Diablo Meridian: Section 5; Section 6 except E ½ NE ¼; Section 7 above MHW; Section 8 except N ½ NE ¼, SE ¼ NE ¼, NE ¼ SE ¼ W½ SW¼, S ½ SE ¼ Section 15; Section 16 except NE ½ NW ¼, NE ¼ Section 21 above MHW; N ½ Section 22.

T.05S., R.02E. Humboldt Meridian: NW ¼ NW ¼, SE ¼ NW ¼ Section 22; NE ¼ Section 27.

Critical Habitat includes only State lands described within the following areas:

T.05S., R.03E. Humboldt Meridian: SE ¼ SE ¼ Section 10; SW ¼ SW ¼ Section 11; Section 13 except NE ¼ Section 14 except NW ¼ NE ¼; Section 15 except SW ¼; NW ½ NE ¼, NE ¼ NW ¼ Section 24.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.24N., R.15W. Mt. Diablo Meridian: SW ¼ NW ¼, W ½ SE ¼, SW ¼ Section 4; Section 5 except W ½ SW ¼; S ½ NE ¼ Section 6.

Map and description of CA±06±b taken from United States Fish and Wildlife Service 1:100,000 map; Garberville and Covelo, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.15W. Mt. Diablo Meridian: W ½ NW ¼ Section 5; Sections 6-7; NW ½ NE ¼, N ½ NW ¼, SW ¼ NW ¼, N ½ S ½, SW ¼ SW ¼ Section 8; W ½ W ½, SE ¼ SW ¼, S ½ SE ¼ Section 17; Section 18.

T.22N., R.16W. Mt. Diablo Meridian: Section 1; N ½ NE ¼, NE ½ NW ¼, SE ¼ SE ¼ Section 12 except NW ¼ SW ¼ and S ½ SW ¼; NE ¼ NE ¼ Section 17.

T.22N., R.17W. Mt. Diablo Meridian: Section 1 except S ½ NE ¼, NW ¼ NW ¼, SE ¼ SE ¼ Section 2 except SE ¼ SE ¼; S ½ S ½, NE ¼ SE ¼, S ½ N ½, NE ¼ NE ¼ Section 3; SE ¼ SE ¼, NW ¼ SE ¼ Section 4; W ½ NW ¼ Section 10; NW ¼ NE ¼, W ½ NW ¼ Section 11.

T.05S., R.05E. Humboldt Meridian: S ½ NW ¼ Section 2; N ½ N ½, SW ¼ NW ¼ Section 3; E ½ NE ¼ Section 4; SE ¼ SE ¼ Section 7; SW ¼ SW ¼ Section 8; SW ¼ NW ¼, N ½ SW ¼, SE ¼ SW ¼, NE ¼ SE ¼, Section 15; NW ¼ SW ¼ Section 17; E ½ E ½ Section 18; NE ¼ NE ¼, SE ¼ SE ¼ Section 19; NW ¼ SW ¼ Section 20; W ½ NE ¼, SE ¼ NW ¼, NE ¼ SW ¼, N ½ SE ¼, SW ¼ SE ¼ Section 22; NW ¼ SW ¼ Section 23; S ½ NW ¼, N ½ SW ¼, S ½ SE ¼, NW ¼ SW ¼, SE ¼ NW ¼ Section 25; NE ½ NW ¼, NE ¼ SW ¼, W ½ NE ¼, SE ¼ NE ¼ Section 26; W ½ W ½, NE ¼ SW ¼ Section 27; S ½ N ½, E ½ SW ¼, N ½ SE ¼ Section 29; NE ¼, NE ¼ NW ¼ Section 32; NW ¼ NE ¼, S ½ NE ¼, NW ¼ NE ¼ Section 33; SW ¼ NW ¼, N ½ SW ¼, SW ¼ SW ¼ Section 34; NE ¼ NE ¼ Section 36.

T.05S., R.06E. Humboldt Meridian: S ½ NW ¼, SW ¼ Section 30; Section 31 except NE ¼ NW ¼, N ½ NE ¼, SE ¼ NE ¼.

T.04S., R.05E. Humboldt Meridian: SE ¼ NW ¼ Section 15; NW ¼, W ½ NE ¼, NE ¼ SW ¼ Section 22; SE ¼ Section 33; W ½ W ½, SE ¼ SW ¼ Section 34.

Map and description of CA±06±b taken from United States Fish and Wildlife Service 1:100,000 map; Covelo, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.15W. Mt. Diablo Meridian: W ½ NW ¼ Section 5; Sections 6-7; NW ½ NE ¼, N ½ NW ¼, SW ¼ NW ¼, N ½ S ½, SW ¼ SW ¼ Section 8; W ½ W ½, SE ¼ SW ¼, S ½ SE ¼ Section 17; Section 18.

T.22N., R.16W. Mt. Diablo Meridian: Section 1; N ½ NE ¼, NE ½ NW ¼, SE ¼ SE ¼ Section 12 except NW ¼ SW ¼ and S ½ SW ¼; NE ¼ NE ¼ Section 17.

T.22N., R.17W. Mt. Diablo Meridian: Section 1 except S ½ NE ¼, NW ¼ NW ¼, SE ¼ SE ¼ Section 2 except SE ¼ SE ¼; S ½ S ½, NE ¼ SE ¼, S ½ N ½, NE ¼ NE ¼ Section 3;
Critical Habitat includes only State lands described within the following areas:

- **T.23N., R.16W.** Mt. Diablo Meridian: SW¼, NW¼ SE¼ Section 24; W½, NW¼, NW¼ SW¼, N½ SE¼, N½ SE¼ SE¼ Section 3; S½ NE¼, N½ NW¼, N½ SE¼ Section 32.
- **T.24N., R.17W.** Mt. Diablo Meridian: N½ SW¼, S½ NW¼ Section 2; Section 3 except NE¼, S½ SE¼, E½ NW¼, SW¼ NW¼, NE¼ SE¼, S½ SE¼, N½ SE¼ Section 4.
- **T.24N., R.17W.** Mt. Diablo Meridian: Section 28 except SW¼ SW¼; NW¼ Section 27; W½ Section 33; SE¼ SW¼ Section 34.

Map and description of CA-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995.

Critical Habitat includes only State lands described within the following areas:

1. **T.17N., R.14W.** Mt. Diablo Meridian: W½ SW¼, NE¼ SW¼ Section 6; W½ NW¼, NW¼ SW¼ Section 7.
2. **T.17N., R.15W.** Mt. Diablo Meridian: W½, SE¼ Section 2; Sections 3-8; Section 9 except SE¼ SE¼; Section 10 except SW¼, NE¼; Section 11; Section 12 except SW¼, NE¼; NE¼ NE¼ Section 14; Section 18 except SE¼, W½ SW¼.
3. **T.16N., R.16W.** Mt. Diablo Meridian: N½ N½ Section 1; Section 3 except W½ W½; Sections 4-6; NE¼ SW¼ Section 7; N½, N½ NW¼ Section 8; N½, N½ SE¼, SE¼ Section 9; Section 10 except NE¼ NE¼; Section 18 except SE¼ SE¼; NW¼, SW¼ Section 19; W½ NW¼ Section 30.
4. **T.17N., R.17W.** Mt. Diablo Meridian: Sections 1-3; NE¼, SW¼ NW¼, S½ Section 4; NE¼, N½ NW¼, SE¼ NW¼, NE¼ SE¼, S½ S½ Section 5; N½ NE¼ Section 6; Section 8 except W½ SW¼, SE¼ SW¼, SW¼ SE¼; Sections 9-15; SE¼ NE¼, N½ NE¼, NE¼ NW¼, S½ Section 16; S½ Section 17; S½, S½ NE¼ Section 18; NW¼ Section 19; N½ NE¼ Section 20; Section 21 except SE¼ SW¼; Section 22 except E½ SW¼; Section 23 except NW¼ SW¼; Section 24; NE¼ NW¼, NW¼ SW¼ Section 26; Section 27 except SW¼ NW¼, SE¼ SE¼, N½ NE¼; Section 28 except NE¼ NE¼, SW¼, S½ SE¼, W½ NW¼.
5. **T.17N., R.18W.** Mt. Diablo Meridian: SE¼ NE¼, S½ NW¼ Section 1.
§ 17.95

T.18N., R.15W. Mt. Diablo Meridian: SW ¼ Section 18; Section 19; SE ¼ NE ¼, NE ¼ SW ¼, S ¼ SW ¼, SE ¼ Section 20; Section 21; Section 22 except NE ¼; Section 23 except N ½ NW ¼ W ½ W ¼, SE ¼ SW ¼ Section 24; W ½ Section 25; Section 26 except E ½ E ¼; Sections 27-34; Section 35 except NE ¼ SE ¼.

T.18N., R.16W. Mt. Diablo Meridian: S ½ Section 13; SE ¼ Section 14; SW ¼, W ½ SE ¼ Section 15; S ½ N ½, NW ¼ NW ¼, S ½ Section 16; Section 17 except NW ¼ NW ¼; S ½ Section 18; Sections 19-33; Section 34 except E ½ SE ¼; Section 35 except W ½ SW ¼, SE ¼ SW ¼; Section 36.

T.18N., R.17W. Mt. Diablo Meridian: Section 20 except N ½ N ¼, SW ¼ SW ¼; Section 21 except NW ¼ NE ¼, N ½ NW ¼; NE ¼, NE ¼ SE ¼, SW ¼ SE ¼ Section 22; Section 24; Section 25 except S ½ S ¼, N ½ SE ¼; Section 26 except NW ¼ NW ¼; Section 27; NE ¼ NE ¼ Section 28; N ½ NW ¼, SW ¼ NW ¼ Section 29; NW ¼ SW ¼, NE ¼ SE ¼, S ½ S ½ Section 31; S ¼ NE ¼, S ½ Section 32; S ½ N ½, N ½ S ¼, SE ¼ SE ¼ Section 33; Sections 34-36.

T.18N., R.18W. Mt. Diablo Meridian: SW ¼ Section 25; W ¼, SE ¼ Section 36.

Map and description of CA-07-b taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995. Critical Habitat includes only State lands described within the following areas:

T.14N., R.15W. Mt. Diablo Meridian: E ½ SW ¼, SW ¼ SE ¼, SE ¼ NW ¼ Section 11; Section 13 except E ½ E ¼, NE ¼ NW ¼, NW ¼ NE ¼; E ½ E ¼, NE ¼, NW ¼, NW ¼ NE ¼ Section 14; NE ¼, NE ¼ NW ¼, N ½ SE ¼ Section 24.

Map and description of CA-07-c taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena, California; 1995. Critical Habitat includes only State lands described within the following areas:

T.12N., R.13W. Mt. Diablo Meridian: S ½ NW ¼, SW ¼, N ½ SE ¼, SW ¼ SE ¼, S ½ NE ¼ Section 8.

Map and description of CA-07-d taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995. Critical Habitat includes only State lands described within the following areas:

T.16N., R.14W. Mt. Diablo Meridian: S ½ S ¼ Section 14; E ½ SE ¼, SE ¼ NE ¼ Section 15; E ½ Section 22; Section 23 except E ½ NE ¼; W ½ NW ¼, SE ¼ NW ¼, NE ¼ SW ¼ Section 25; E ½ NE ¼ Section 26.
Critical Habitat includes only State lands described within areas bounded by the following descriptions:

(a) starting at Station H-34 on the easterly line of the German Rancho, South 33° 50' West for 3,200 feet, North 53° West for 1,372 feet, North 37° West for 1,720 feet, South 48° 45' East for 2,203.5 feet, North 55° East for 1,110.1 feet, South 8° 50' East for 653 feet; and (b) starting at the westernmost point of Kruse Rhododendron State Reserve proceeding North 48° East along the Kruse Rhododendron State Reserve boundary to the intersection with Kruse Ranch Road, west on Kruse Ranch Road to the intersection with State Highway 1, north on State Highway 1 to Cannon Gulch, northeast along Cannon Gulch to the Rancho de German Spanish Land Grant boundary to the western edge of Range 13 West, South 29° 30' from this point to Mean High Water (MHW), southwest along the shoreline at MHW to the south boundary of the Rancho de German Spanish Land Grant, east along the Spanish Land Grant boundary to the southeast corner of the land grant, north on the eastern boundary of the land grant to the eastern corner of the Kruse Rhododendron State Reserve, south along the Kruse Rhododendron State Reserve boundary to the westernmost point of the reserve.

Critical Habitat includes only State lands described within the following areas:

T.09N., R.13W. Mt. Diablo Meridian: SW 1/4, SW 1/4 NW 1/4, SW 1/4 SE 1/4 Section 18; NW 1/4 Section 19.

Map and description of CA-08-a taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena, California; 1995.

Map and description of CA-08-b taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena and Healdsburg, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.08N., R.10W. Mt. Diablo Meridian: SW 1/4, S 1/2 SW 1/4 Section 5; Section 6 except N 1/2 SE 1/4; Section 7 except W 1/2 W 1/2; W 1/2 W 1/2 Section 8; W 1/2 W 1/2 Section 17; Section 18 except W 1/2 SW 1/4.

T.08N., R.11W. Mt. Diablo Meridian: Section 1 except N 1/2 NE 1/4; Section 2 except SW 1/4 SE 1/4; Section 3 except S 1/2 NW 1/4, SW 1/4 NE 1/4, N 1/2 SE 1/4, E 1/2 NW 1/4, NE 1/4 SW 1/4 Section 10; NW 1/4, N 1/2 SW 1/4 Section 11; N 1/2 NE 1/4, SW 1/4 NE 1/4 Section 13; NW 1/4 NW 1/4 Section 15.

T.09N., R.11W. Mt. Diablo Meridian: SW 1/4 SW 1/4 Section 27; SE 1/4 SE 1/4 Section 28; E 1/2 E 1/2 Section 33; Section 34; SW 1/4, S 1/2 SE 1/4 Section 35.

T.09N., R.10W. Mt. Diablo Meridian: SW 1/4, S 1/2 SE 1/4 Section 31; SW 1/4 Section 32.
§ 17.95

Map and description of CA-09-a taken from United States Fish and Wildlife Service 1:100,000 map; Napa, California; 1995.
Critical Habitat includes only State lands bounded by the following descriptions:
(a) on the west by Point Reyes National Seashore, on the east by the shoreline of Tomales Bay at Mean High Water (MHW), on the south by a line beginning at the intersection of Pierce Point Road with Sir Francis Drake Highway proceeding North 75° 07′ 03″ East for 4,734.31 feet to the shoreline of Tomales Bay at MHW; (b) on the east and north by Sir Francis Highway, on the west by Point Reyes National Seashore, on the south by the southern boundary of the Punta De Los Reyes (Randall) Spanish Land Grant; (c) State lands within the Nicasio (Halleck) Spanish Land Grant west of State Highway 1 and east of the shoreline of Tomales Bay at MHW, and (d) State lands within the Nicasio (Frink and Reynolds) Spanish Land Grant.

Map and description of CA-09-b taken from United States Fish and Wildlife Service 1:100,000 map; Napa and San Francisco, California; 1995.
Critical Habitat includes only State lands bounded by the following descriptions: (a) portions of Ranchos Nicasio, San Geronimo, and Tomales Y Baulines Spanish Land Grants bounded on the north, west, and south by Golden Gate National Recreation Area and on the east by a line 122° 41′33″ West; and (b) portions of Ranchos Tomales Y Bolinas, Las Baulines, and Sausalito Spanish Land Grants bounded by a line starting at the intersection of the Rancho Las Baulines Spanish Land Grant boundary line with McKinnan Gulch, west along McKinnan Gulch to the Pacific Ocean, south east along the Pacific Ocean at Mean High Water (MHW) to the intersection with Cold Stream, east along Cold Stream to the intersection with State Highway 1, south on State Highway 1 to the intersection with the south end of the Panoramic Highway, following the Panoramic Highway to the intersection with Rattlesnake Creek, north along Rattlesnake Creek to the intersection with the Rancho Sausalito Spanish Land Grant line, south west along the Spanish Land Grant boundary to the intersection with the Rancho Las Baulines Spanish Land Grant line, north along the Rancho Las Baulines Spanish Land Grant boundary to the intersection with McKinnan Gulch.

Map and description of CA-10-a taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; Happy Camp, California; 1995.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:
T.17N., R.07E. Humboldt Meridian: Section 1; Section 2 except NW¼ SW¼, S½ SW¼, N¼; Section 3, NE¼ NE¼, Section 4, NE¼ SW¼.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.08E. Humboldt Meridian: Section 6 except E1⁄2 E1⁄2, SW1⁄4 SE1⁄4.
T.18N., R.07E. Humboldt Meridian: Section 30 except NW1⁄4, NE1⁄4, N1⁄2 NW1⁄4, Section 31; N1⁄2, NW1⁄4 SW1⁄4 Section 32; Section 36.
T.19N., R.08E. Humboldt Meridian: Section 31 except SE1⁄4 SE1⁄4.

T.41S., R.07E. Willamette Meridian: Section 1 except SE1⁄4, NE1⁄4, N1⁄2 NW1⁄4, Section 2; NE1⁄4, E1⁄2 NW1⁄4 Section 3; Sections 7-8; Section 9 except N1⁄2 SW1⁄4, SE1⁄4 SE1⁄4 NW1⁄4 SW1⁄4, W1⁄2 NW1⁄4 Section 10; S1⁄2, NW1⁄4 Section 16; Sections 17-18.
T.41S., R.07W. Willamette Meridian: Section 10 except W1⁄2 NW1⁄4, NE1⁄4 NE1⁄4, NW1⁄4 SW1⁄4; Section 11 except NW1⁄4; Section 12 except NE1⁄4 NW1⁄4, W1⁄2 NW1⁄4. Sections 13-15.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07N., R.03E. Humboldt Meridian: E1⁄2 SE1⁄4, W1⁄2 SW1⁄4, SE1⁄4 NW1⁄4, SW1⁄4 NE1⁄4 Section 1; E1⁄2 NE1⁄4, N1⁄2 NW1⁄4, SE1⁄4 Section 2; N1⁄2 NE1⁄4, SW1⁄4 NE1⁄4 Section 3; SW1⁄4 SE1⁄4 Section 4; SE1⁄4 NE1⁄4 Section 5; NE1⁄4 NE1⁄4 Section 8; W1⁄2 NW1⁄4, NE1⁄4 NW1⁄4, NW1⁄4 NE1⁄4, SE1⁄4 NE1⁄4 Section 9; SE1⁄4 NW1⁄4 Section 10; E1⁄2 E1⁄2, NW1⁄4 NE1⁄4, SW1⁄4 SE1⁄4 Section 11; W1⁄4 W1⁄4, E1⁄2 E1⁄2, SW1⁄4 SE1⁄4 Section 12; W1⁄2 SW1⁄4 Section 13; E1⁄2 W1⁄2, W1⁄2 E1⁄2, NE1⁄4 NE1⁄4, SE1⁄4 NE1⁄4, SE1⁄4 SE1⁄4 Section 14; W1⁄2 NW1⁄4 Section 24.

T.08N., R.03E. Humboldt Meridian: SE1⁄4, S1⁄2 NE1⁄4, SE1⁄4 NW1⁄4, S1⁄2 SW1⁄4, NE1⁄4 SW1⁄4 Section 22; SW1⁄4, SW1⁄4 NW1⁄4, E1⁄2 SE1⁄4 Section 23; W1⁄4, E1⁄2 SE1⁄4 Section 26; NE1⁄4 NW1⁄4, N1⁄2 NE1⁄4, SE1⁄4 NE1⁄4 Section 27; NW1⁄4 SW1⁄4 Section 33; SE1⁄4 NE1⁄4, SE1⁄4 SE1⁄4 Section 34; Section 35.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.03N., R.02E. Humboldt Meridian: SE1⁄4 NE1⁄4, SW1⁄4 NW1⁄4, N1⁄2 N1⁄2 Section 1; NE1⁄4, E1⁄2 NW1⁄4, N1⁄2 SE1⁄4 Section 2.
T.03N., R.03E. Humboldt Meridian: N1⁄2 NE1⁄4, SE1⁄4 NW1⁄4, NE1⁄4 SW1⁄4, W1⁄2 SE1⁄4 Section 6.
T.03N., R.04E. Humboldt Meridian: W1⁄2 NE1⁄4, NW1⁄4 Section 1; Section 2 except SE1⁄4 SE1⁄4, E1⁄2 NE1⁄4, SE1⁄4 SW1⁄4, SE1⁄4 Section 3.

Map and description of CA-11-a taken from United States Fish and Wildlife Service 1:100,000 map; Hoopa and Hayfork, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.08N., R.03E. Humboldt Meridian: SE1⁄4, S1⁄2 NE1⁄4, SE1⁄4 NW1⁄4, S1⁄2 SW1⁄4, NE1⁄4 SW1⁄4 Section 22; SW1⁄4, SW1⁄4 NW1⁄4, E1⁄2 SE1⁄4 Section 23; W1⁄4, E1⁄2 SE1⁄4 Section 26; NE1⁄4 NW1⁄4, N1⁄2 NE1⁄4, SE1⁄4 NE1⁄4 Section 27; NW1⁄4 SW1⁄4 Section 33; SE1⁄4 NE1⁄4, SE1⁄4 SE1⁄4 Section 34; Section 35.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.08N., R.03E. Humboldt Meridian: SE1⁄4, S1⁄2 NE1⁄4, SE1⁄4 NW1⁄4, S1⁄2 SW1⁄4, NE1⁄4 SW1⁄4 Section 22; SW1⁄4, SW1⁄4 NW1⁄4, E1⁄2 SE1⁄4 Section 23; W1⁄4, E1⁄2 SE1⁄4 Section 26; NE1⁄4 NW1⁄4, N1⁄2 NE1⁄4, SE1⁄4 NE1⁄4 Section 27; NW1⁄4 SW1⁄4 Section 33; SE1⁄4 NE1⁄4, SE1⁄4 SE1⁄4 Section 34; Section 35.
§ 17.95

50 CFR Ch. I (10-1-98 Edition)

W1/2 NE1/4, NW1/4 Section 5; E1/2 NE 1/4 Section 6.

T.03N., R.03E. Humboldt Meridian: NE1/4, N1/2 SE1/4 Section 6; SW1/4 NW1/4, N1/2 SW1/4, SW1/4 SW1/4 Section 7; NW1/4 NW1/4 Section 18.

T.04N., R.03E. Humboldt Meridian: S1/2 SE1/4 Section 25.

T.04N., R.04E. Humboldt Meridian: NE1/4 Section 3; E1/2 E1/2 Section 12; S1/2 Section 25; SE1/4 NW1/4, NW1/4 SW1/4, SE1/4 Section 26; S1/2 NE 1/4, N1/2 SE 1/4 Section 27; N1/2, S1/2 SE1/4, NE1/4 SW1/4, NE1/4 SE1/4 Section 28; SW1/4 NW1/4 Section 29; S1/2 NE1/4, SW1/4, W1/2 SE1/4 Section 30; W1/2 NE1/4, NW1/4, N1/2 SE1/4, NW1/4 SW1/4 Section 31; SE1/4 NW1/4, SW1/4 Section 32; N1/2 N1/2, SE1/4 NE1/4, SE1/4 NW1/4, NE1/4 SE1/4 Section 33; Section 34 except N1/2 NE1/4, S1/2 SW1/4, Section 35 except N1/2 N1/2.

T.04N., R.05E. Humboldt Meridian: Sections 1-7; S1/2 S1/2 Section 8; Sections 9-12; Section 13 except E1/2 NE1/4, E1/2 SE1/4 Section 14; Section 15 except W1/2 NW1/4 and SW1/4, NE1/4 NW1/4, NW1/4 NE1/4 Section 16; NW1/4 SW1/4 Section 17; N1/2, N1/2 SE1/4 Section 18; Section 19 except W1/2 W1/2 Section 20; NE1/4 NW1/4, SW1/4 Section 21; NE1/4, N1/2 SE1/4, E1/2 NW1/4 Section 22; Section 23; Section 24 except E1/2, S1/2 SE1/4, N1/2 NW1/4 Section 25; NW1/4 NE1/4, NW1/4 SW1/4 Section 26; NW1/4 NW1/4 Section 28; Section 29 except S1/2 NE1/4, N1/2 SE1/4, SE1/4 SE1/4, Section 30; Section 31 except SW1/4 SW1/4; NW1/4, W1/2 SW1/4 Section 32.

T.04N., R.06E. Humboldt Meridian: W1/2 W1/2 Section 6; W1/2 Section 7.

T.05N., R.04E. Humboldt Meridian: Sections 1-3; E1/2 NE1/4 Section 4; NE1/4, N1/2 NW1/4, E1/2 E1/2 Section 10; Sections 11-13; Section 14 except SW1/4, SW1/4 NW1/4, Section 23 except W1/2 SW1/4, W1/2 SE1/4 Section 24; N1/2 NW1/4, S1/2 SE1/4 Section 25; E1/2 NW1/4 Section 26.

T.05N., R.05E. Humboldt Meridian: Section 4 except E1/4; Sections 5-8; Section 9 except E1/5; Section 16 except E1/5 E1/5; Sections 17-20; Section 21 except E1/5 NE1/4, W1/2 SW1/4 Section 22; W1/2 SW1/4 Section 23; S1/2 Section 26; Section 27 except NE1/4, N1/2 SE1/4 Sections 28-33; W1/2 W1/2, S1/2 S1/2 Section 36.

T.06N., R.04E. Humboldt Meridian: Sections 13-15; Sections 21-27; Section 28 except SW1/4 NW1/4, NW1/4 SW1/4 Section 33 except W1/2 NW1/4, SW1/4 Sections 34-35.

T.06N., R.05E. Humboldt Meridian: W1/2, W1/2 SE1/4 Section 18 Section 19 except E1/2 NE1/4 SW1/4 SW1/4 Section 29; Sections 30-31; Section 32 except NE1/4, NE1/4 SE1/4, NE1/4 NW1/4.

Map and description of CA-11-c taken from United States Fish and Wildlife Service 1:100,000 map; Garberville, California; 1995. Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.02S., R.04E. Humboldt Meridian: E1/2 NE1/4, SW1/4, N1/2 SE1/4, SW1/4 SE1/4 Section 10; SW1/4 NW1/4 Section 11; SE1/4 NE1/4 Section 15.

T.01S., R.04E. Humboldt Meridian: SW1/4 NW1/4, SW1/4 SW1/4 Section 1; Section 2 except NE1/4 NE1/4 and S1/2 SW1/4, NW1/4 NE1/4 Section 3; SE1/4 NW1/4 Section 30.

T.01S., R.03E. Humboldt Meridian: S1/2 SE1/4 Section 17; E1/2, E1/2 SW1/4 Section 20; SW1/4 NE1/4, SW1/4 NW1/4, SW1/4 SE1/4, S1/2 SE1/4 Section 21; S1/2 SW1/4 Section 22; SW1/4 NW1/4 Section 23; NW1/4 NW1/4 Section 27; S1/2 NE1/4, SE1/4 NW1/4, E1/2 SW1/4, SE1/4 Section 34; S1/2 NW1/4, SW1/4, SW1/4 SE1/4 Section 35.
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07N., R.05E. Humboldt Meridian: N½ NE¼ Section 8; NE¼, E¼ SE¼, NE¼ NW¼ Section 9; Section 24 except W½ W½; NW¼, NE¼ SE¼ Section 25; SW¼ NW¼, W½ SW¼, NW¼, NE¼ SE¼ Section 34.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07N., R.06E. Humboldt Meridian: Section 1-3; Section 4 except W½ SW¼; SE¼ SW¼, SE¼ NE¼ Section 9; SE¼, N¼, SE¼ NE¼ Section 10; Section 11 except E½ E½, S½ SE¼, NW¼ NE¼, SW¼ SW¼, N½ SW¼, NW¼ Section 14; NE¼ NE¼, E½ SE¼ Section 15.

T.07N., R.06E. Humboldt Meridian: Sections 1-3; Section 4 except NW¼ NW¼; E½, Section 5; Sections 10-13; N½ N½, SE¼ NE¼ Section 14.

T.08N., R.05E. Humboldt Meridian: W½ NE¼, N½ SW¼ NW¼, NW¼ SE¼ Section 2; Section 3 except S½ SE¼, SE¼ SW¼; Sections 4-8; NW¼, S½ Section 9; SW¼, NW¼ SE¼, SW¼ Section 10; Section 11 except SE¼ SE¼ Section 12; Section 13 except NW¼ NW¼; Sections 14-23; Section 24 except SE¼ SE¼; Section 25 except SE¼ SE¼; Sections 26-30; E½ SE¼, NW¼ NE¼ Section 31; Section 32 except SE¼ SW¼; Sections 33-35; W½ SW¼, NW¼ Section 36.

T.09N., R.05E. Humboldt Meridian: Section 12; Section 13; E½ SE¼, SE¼ NE¼ Section 14; E½ E½, W½ NE¼ Section 15; E½ SE¼ Section 16 except SE¼; Sections 17-20; W½ E½, W½ Section 21; NW¼, W½ SW¼ Section 28; Sections 29-33; W½ W½ Section 33.

T.10N., R.06E. Humboldt Meridian: Sections 1-3; Section 4 except NW¼ NW¼; E½, Section 5; Sections 10-13; N½ N½, SE¼ NE¼ Section 14.

T.08N., R.05E. Humboldt Meridian: Section 12; Section 13; E½ SE¼, SE¼ NE¼ Section 14; E½ E½, W½ NE¼ Section 15; E½ SE¼ Section 16 except SE¼; Sections 17-20; W½ E½, W½ Section 21; NW¼, W½ SW¼ Section 28; Sections 29-33; W½ W½ Section 33.

Map and description of CA-11 d taken from United States Fish and Wildlife Service 1:100,000 map; California; 1996.

Critical Habitat includes only Federal lands described within the following areas:

T.04S., R.05W. Mount Diablo Meridian: N½ SE¼ Section 32; S½ NW¼, SE¼ SW¼ NE¼, N½ SW¼, SE¼ SW¼ Section 33; SW¼ SW¼ Section 34.

T.05S., R.05W. Mount Diablo Meridian: NW¼, NW¼ SW¼ Section 3; SE¼ NE¼, N½ N½, NE¼ SE¼ Section 4.

Map and description of CA-12 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1996.

Critical Habitat includes only City lands described within the following areas:

T.04S., R.05W. Mount Diablo Meridian: N½ SE¼ Section 32; S½ NW¼, SE¼ SW¼ NE¼, N½ SW¼, SE¼ SW¼ Section 33; SW¼ SW¼ Section 34.

T.05S., R.05W. Mount Diablo Meridian: NW¼, NW¼ SW¼ Section 3; SE¼ NE¼, N½ N½, NE¼ SE¼ Section 4.
Map and description of CA-13 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only County lands bounded by the following description within Spanish Land Grant Canada de Raymundo:

Starting at the intersection of West Union Creek with the San Francisco State Fish and Game Refuge boundary, west along the San Francisco State Fish and Game Refuge boundary to the intersection with State Highway 35, southeast on State Highway 35 to the intersection with the San Francisco State Fish and Game Refuge boundary, southeast along the San Francisco State Fish and Game Refuge boundary to Woodside City boundary, northeast along Woodside City boundary to the intersection with Greer Road, northwest on Greer Road to the intersection with West Union Creek, north along West Union Creek to the intersection with the San Francisco State Fish and Game Refuge boundary.

Map and description of CA-14-a taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only County lands described within the following areas:

- T.07S., R.03W. Mount Diablo Meridian: Sections 19, 20; SE1/4 Section 21; SW1/4 SW1/4 Section 22; SW1/4 Section 23; W1/2 Section 24; E1/2 Section 25; Section 26 except SW1/4, NE1/4, 5 1/2 SE1/4, W1/2 NW1/4; E1/2, SE1/4 NW1/4 Section 33; S1/2, SW1/4 NW1/4 Section 34; Section 35 except N1/2 N1/4; Section 36 except E1/2 NE1/4.
- T.08S., R.03W. Mount Diablo Meridian: Sections 6-7, 5 1/2 Section 8; SW1/4 SW1/4 Section 9; NW1/4 Section 16; N1/2 N1/4, SW1/4 NW1/4 Section 17; N1/2, N1/2 NE1/4 Section 18.
- T.08S., R.04W. Mount Diablo Meridian: Sections 1-2; SE1/4 Section 3; NE1/4 NE1/4, N1/2 NW1/4 Section 10; NE1/4, N1/2 NW1/4 Section 11; Section 12 except SW1/4 SW1/4.

Critical Habitat includes only Private lands described within the following areas:

- T.07S., R.04W. Mount Diablo Meridian: N1/2 NE1/4 Section 35.
- T.08S., R.04W. Mount Diablo Meridian: N1/2 Section 36.

Description of Lands Using Protracted
Public Land Survey Lines

Critical Habitat includes only State lands described within the following areas:

- T.07S., R.03W. Mount Diablo Meridian: W1/2 SE1/4, SW1/4, SE1/4 NW1/4, SW1/4 NE1/4 Section 33.
- T.08S., R.03W. Mount Diablo Meridian: N1/2 SW1/4 Section 2; S1/2 Section 3; E1/2 Section 4; S1/2 NW1/4, NW1/4 NW1/4, SW1/4, W1/2 SE1/4 Section 5; Section 8 except SW1/4 SW1/4; Section 9 except S1/2 SE1/4, NE1/4 SE1/4, SE1/4 NE1/4; NW1/4 Section 10.
- T.08S., R.04W. Mount Diablo Meridian: Section 19; S1/2 SE1/4 Section 20; Section 21 except NW1/4; Section 22 except SE1/4, E1/2 SW1/4; Section 23 except S1/2 S1/2; W1/4 SW1/4 Section 24; NW1/4, NW1/4 NE1/4 Section 26; Sections 29-30, N1/2 Section 32.

Critical Habitat includes only State lands within Rancho Punta del Ano Nuevo Spanish Land Grant bounded by the following description:

Starting at the intersection of Butano Park Road with Cloverdale Road, south along Cloverdale Road to the intersection with Gazos Creek Road, east along Gazos Creek Road to the intersection with Punta del Ano Nuevo Spanish Land Grant boundary, north along the Punta del Ano Nuevo Spanish Land Grant boundary to the intersection with Butano Park Road, west along Butano Park Road to the intersection of Butano Park Road with Cloverdale Road.
Critical Habitat includes only State lands described within the following areas:

T.08S., R.03W. Mount Diablo Meridian:
- SE¼ SW¼, S½ SE¼ Section 19; S½ SW¼ Section 20; NE¼ NE¼, SW¼ Section 26, Section 29; Section 30 except NW¼ NW¼ Sections 31-33.

T.08S., R.04W. Mount Diablo Meridian:
- SE¼, S½ SW¼ Section 25; S½ Section 31; Section 36.

T.09S., R.03W. Mount Diablo Meridian:
- NW¼ Section 3; Sections 4-8; SE¼ NW¼, SW¼, N½ NE¼, SE¼ NE¼, N½ SE¼, SE¼ SE¼ Section 9; S½ SW¼, NW¼ SW¼, Section 10; NW¼ Section 15; NE¼, N½ SE¼ Section 16; W½ NW¼ Section 17; Section 18; N½ NW¼, SE¼ NW¼, N½ SW¼ Section 19; S½ NE¼, NW¼ SE¼, SE¼ SE¼ Section 30; S½ N¼, NE¼ NE¼ Section 31.

T.09S., R.04W. Mount Diablo Meridian:
- Sections 1-2; Section 3 except NW¼, E½ SW¼, NW¼ NE¼, SE¼ NE¼ Section 4; SE¼, S½ SW¼, NE¼ SW¼, S½ NE¼ Section 9; Section 10 except NW¼; Sections 11-12; Section 13 except SW¼, SE¼ Section 14; Section 15 except SE¼ SE¼ Section 16; NE¼ NE¼ Section 17; Section 21; Section 22 except SW¼, SE¼, SE¼ SW¼ Section 23, Section 24; N½ NW¼, SE¼ SE¼, SE¼ SW¼ Section 25; W½, W½ E¼ Section 26; Section 27 except NW¼ NW¼; Section 34; NE¼ NW¼, W½ W½ SE¼ SW¼ Section 35.

T.10S., R.04W. Mount Diablo Meridian:
- Sections 1-2.

Critical Habitat includes only Private lands described within the following areas:

T.08S., R.02W. Mount Diablo Meridian:
- S½ SW¼ Section 17; S½ Section 18; Section 19 except S½ SW¼, NW¼ SW¼; Section 20 except SE¼ SE¼ N½ Section 29.

Critical Habitat includes only State lands bounded by the following description within Spanish Land Grant Punta de Ano Nuevo:
Starting at the intersection of the Spanish Land Grant boundary with Green Oaks Creek, north along the Spanish Land Grant boundary to the intersection with Gazos Creek, west along Gazos Creek to the intersection with State Highway 1, south on State Highway 1 to the intersection with Green Oaks Creek, and east along Green Oaks Creek to the Spanish Land Grant boundary.
Map and description of CA-15 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.10S., R.02W. Mount Diablo Meridian: S1/2 S1/2, NW1/4 SW1/4 Section 6; Section 7 except S1/2 SW1/4; SW1/4, S1/2 NW1/4, SW1/4 SE1/4, NW1/4 NW1/4 Section 8; SW1/4, S1/2 NW1/4, NW1/4 NW1/4, S1/2 SE1/4, NW1/4 SE1/4 Section 16; Section 17 except SW1/4 SW1/4, SE1/4 NE1/4, NE1/4 SE1/4 Section 18; N1/2 NW1/4 Section 20; NE1/4, E1/2 NW1/4 Section 21.

Critical Habitat includes only State lands within the following area:

Spanish Land Grant Canada del Rincon en el Rio de San Lorenzo de Santa Cruz west of Graham Hill Road.

Critical Habitat includes only State lands bounded by the following description within Spanish Land Grant Rancho Refugio:

Starting at the intersection of State Highway 1 with the western boundary of the Rancho Refugio Spanish Land Grant, proceeding east on State Highway 1 to its intersection with Moore Creek, north along Moore Creek to the intersection with Empire Grade Road, northwest on Empire Grade Road to the intersection with the eastern boundary of the Rancho Refugio Spanish Land Grant, west and then southwest along the Rancho Refugio Spanish Land Grant boundary to the intersection with State Highway 1.

For the States of California, Oregon, and Washington, critical habitat units under Federal jurisdiction are depicted on maps maintained on file at the U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, 911 Northeast 11th Avenue, Portland, Oregon 97232-4181 (503/231-6131). Copies of these maps are available upon request at the requester's expense.
GENERAL CONFIGURATION OF CRITICAL HABITAT UNITS IN CALIFORNIA
Primary constituent elements: forested lands that are used or potentially used by the northern spotted owl for nesting, roosting, foraging, or dispersing.
§ 17.95

**PALILA (Psittirostra bailleui)**

Hawaii. An area of land, water, and airspace on the island of Hawaii, Hawaii County, with the following components: (1) The State of Hawaii Mauna Kea Forest Reserve, except (a) that portion above the 10,000 foot contour line, (b) that portion south of the Saddle Road (State Highway 20), (c) lands owned by the United States in the Pohakuloa Training Area north of the Saddle Road (State Highway 20) established by Executive Order 1719 (Parcel 6, State of Hawaii Tax Map Key 4-4-16, Third Division), (d) that portion (Parcel 10, Kaohi IV, State of Hawaii Tax Map Key 4-4-16, Third Division) lying north of the Saddle Road (State Highway 20) and south of the Power Line Road; (2) that portion of the State of Hawaii Kaohi Game Management Area (Parcel 4, State of Hawaii Tax Map Key 4-4-16, Third Division) to the north and east of the Saddle Road (State Highway 20); (3) that portion of the Upper Waikii Paddock (Parcel 2, State of Hawaii Tax Map Key 4-4-15, Third Division) northeast of the Saddle Road (State Highway 20); (4) that portion of the lands of Humuula between Puu Kahinahina and Kole lying southeast of the Mauna Kea Forest Reserve fence (portions of Parcels 2, 3, and 7, State of Hawaii Tax Map Key 3-8-1, Third Division) which are included in the State conservation district.

**NOTE:** Map follows:

---

**CAPE SABLE SPARROW (Ammospiza maritima mirabilis)**

Florida. Areas of land, water, and airspace in the Taylor Slough vicinity of Collier, Dade, and Monroe counties, with the following components (Tallahassee Meridian): Those portions of Everglades National Park within T55S R35E, T55S R36E, T55S R37E, T55S R38E, T56S R35E, T56S R36E, T56S R37E, T56S R38E, T57S R35E, T57S R36E, T57S R37E, T57S R38E, T58S R35E, T58S R36E, T58S R37E, T58S R38E, T59S R35E, T59S R36E, T59S R37E, T59S R38E. Areas outside of Everglades National Park within T55S R37E Sec. 36, T55S R38E Sec. 31, 32, T56S R37E Sec. 1, 2, 11-14, 23-26, T56S R38E Sec. 5-7, 18, 19, T57S R37E Sec. 5-8, T58S R38E Sec. 27, 29-32, T59S R38E Sec. 4.

**NOTE:** Map follows:

---

**INYO BROWN TOWHEE (Pipilo fuscus eremophilus)**

California, Inyo County: lands within and adjacent to the China Lake Naval Weapons Center identified as follows:

(1) Approximately 2.0 miles of streambed and ¼ mile on either side of the wash from Margaret Ann Spring and proceeding downstream to the eastern boundary of Section 3 near Snooky Spring. The above includes portions of Sections 3, 4, 9, and 10, T23S R42E. (Map location A)

(2) A circle ¼ mile in radius with the spring in T23S R42E W½ NE¼ Section 8 as the center. (Map location B)

(3) Approximately 2 miles of streambed and ¼ mile on either side of the wash from Ruby Spring (T23S R42E, Section 22) and proceeding downstream to the boundary between Sections 25 and 26. The above includes portions of Sections 22, 23, 25, and 26, T23S R42E. (Map location C)

(4) A circle ¼ mile in radius with Quail Spring as the center in T23S R42E, NE¼ Section 28. (Map location D)

(5) A circle ¼ mile in radius with Benko Spring as the center in T23S R42E, Sections 34 and 35. (Map location E)

(6) A circle ¼ mile in radius with Bench Mark 5485 (some USGS maps report this as 5484) near the common boundary of Sections 31 and 32, T23S R42E, as the center and lying within Sections 31 and 32. (Map location F)
(7) T24S R42E, NW¼ NW¼ Section 2 and NE¼ NE¼ Section 3. (Map location G)
(8) T24S R42E, E¼ SE¼ Section 6. (Map location H)
(9) Approximately 1.8 miles of streambed and ¼ mile on either side of Great Falls Basin Wash commencing from the western boundary of E½ Section 11, T24S R42E, and proceeding downstream along the streambed to the eastern boundary of Section 13. The above includes portions of Sections 11, 12, 13, and 14, T24S R42E. (Map location I)
(10) Circles with ¼ mile radii around Mumford and Austin Springs in T24S R43E, Section 7 and Bainter Spring in Section 18 and around Indian Joe Spring in T24S R42E Section 24. (Map locations J)
NOTE: Map follows:

Major constituent element: desert riparian scrub vegetation.

LEAST BELL’S VIREO (Vireo bellii pusillus)
California: Areas of land and water as follows:
§ 17.95

1. Santa Ynez River, Santa Barbara County (Index map location A).

T. 5 N., R. 27 W.: secs. 1, W½, and 12, all except NE¼. In addition, all adjacent lands within the following circumscribed area: beginning at a point 0.25 mi south of the northeast corner of sec. 12, T. 5 N., R. 27 W.; thence east about 0.5 mi; thence north about 1.25 mi; thence east approximately 1.3 mi to the intersection of Mono Creek and the Los Prietos Y Najalayegua land grant boundary; thence south about 2.5 mi; thence east approximately 2.6 mi to Agua Caliente Creek (at a point about 0.4 mi north and 0.1 mi east of the Pendola Guard Station); thence south about 0.5 mi; thence east about 1.0 mi; thence south about 0.25 mi; thence east about 0.5 mi; thence south about 0.75 mi to the southwest corner of T. 5 N., R. 25 W., sec. 19; thence east to the southeast corner of T. 5 N., R. 25 W., sec 20; thence south about 0.63 mi; thence west to western boundary of T. 5 N., R. 26 W., sec. 25; thence south about 0.16 mi; thence west to eastern boundary of T. 5 N., R. 26 W., sec. 27; thence north about 0.25 mi; thence west to western boundary of T. 5 N., R. 26 W., sec. 27; thence north to the northeastern corner of T. 5 N., R. 26 W., sec. 28; thence west to the northwest corner of T. 5 N., R. 26 W., sec. 28; thence north to the northeast corner of T. 5 N., R. 27 W., partially unsurveyed sec. 20; thence west to the northeast corner of T. 5 N., R. 27 W., unsurveyed sec. 19; thence north about 0.5 mi; thence west to the southeast corner of T. 5 N., R. 27 W., sec. 13, NE¼; and thence north to the southeast corner of T. 5 N., R. 27 W., sec. 12.
2. Santa Clara River, Los Angeles and Ventura Counties (Index map location B).

T. 4 N., Rs. 17 and 18 W.: all land within 3,500 feet perpendicularly and generally southward or westward of a line commencing at a point 100 yards west of BM 740 (a point about 2.3 mi east of the intersection of Main Street and State Highway 126 in Piru); thence east along State Highway 126 to its intersection with The Old Road at Castaic Junction; and thence eastward and southward along The Old Road to its intersection with Rye Canyon Road.
3. Santa Ana River, Riverside and San Bernardino Counties (Index map location C). All lands below the 543-foot contour in partially surveyed T. 3 S., R. 7 W., within the Prado Flood Control Basin (upstream from Prado Dam). In addition, the following adjacent lands above the 543-foot contour in the Santa Ana River bottom and within the following boundaries: commencing at a point 0.1 mi east and 0.2 mi north of the southwest corner of sec. 2, T. 3 S., R. 7 W.; thence north about 0.4 mi; thence to a point 0.25 mi east and 0.4 mi north of southwest corner of sec. 3L, T. 2 S., R. 6 W.; thence to the northeast corner of sec. 3L, T. 2 S., R. 6 W.; thence east 0.35 mi; thence to midpoint of southern section line of sec. 2L, T. 2 S., R. 6 W.; thence to a point 0.6 mi south of the northwest corner of sec. 2S, T. 2 S., R. 6 W.; thence east about 0.7 mi; thence to a point 0.6 mi east of the southwest corner of sec. 20, T. 2 S., R. 5 W.; thence east about 0.8 mi; thence 0.6 mi south; thence to a point 0.3 mi north of the northwest corner of sec. 28, T. 2 S., R. 5 W.; thence to a point 0.45 mi north of the southwest corner of sec. 29, T. 2 S., R. 5 W.; thence generally westward and southward along the Riverside Corporation Boundary (as shown on USGS Riverside Quadrangle 1980) to its intersection with Van Buren Blvd.; thence to a point 0.2 mi east and 0.75 mi south of the northwest corner of sec. 27, T. 2 S., R. 6 W.; thence 0.25 mi north; thence 0.7 mi west; thence to a point 0.85 mi north of the southwest corner of sec. 32, T. 2 S., R. 6 W.; thence to a point 0.75 mi west and 0.1 mi south of the northeast corner of sec. 6, T. 3 S., R. 6 W.; thence 0.5 mi west; and thence to the 543-foot contour at a point 0.3 mi west of the southeast corner of sec. 2, T. 3 S., R. 7 W.
4. Coyote Creek, San Diego County (Index map location D).

T. 9 S., R. 5 E.: secs. 22, N½, SE¼; and 23, SW¼.
5. Santa Margarita River, San Diego County (Index map location E).

T. 9 S., R. 3 W.: secs. 4, all lands below the 600-foot contour; 5 SE ¼ 7; and 8.
In T. 9 S., R. 4 W., Sec. 12 E ½; 13 NE ¾.
§ 17.95 50 CFR Ch. I (10-1-98 Edition)

6. San Luis Rey River, San Diego County (Index map location F).

T. 11 S., R. 5 W.: secs. 13, S\(\frac{1}{2}\)NE\(\frac{1}{4}\), SE\(\frac{1}{4}\)NW\(\frac{1}{4}\), SW\(\frac{1}{4}\) 14, SE\(\frac{1}{4}\)SW\(\frac{1}{4}\), S12SE\(\frac{1}{4}\) and 23, NW\(\frac{1}{4}\).

T. 11 S., R. 4 W.: secs. 3, all land north of Murray Road; 4, E\(\frac{1}{2}\)NE\(\frac{1}{4}\), E\(\frac{1}{2}\)SE\(\frac{1}{4}\)SW\(\frac{1}{4}\), W\(\frac{1}{2}\)NE\(\frac{1}{4}\)SE\(\frac{1}{4}\), E\(\frac{1}{2}\)NW\(\frac{1}{4}\)SE\(\frac{1}{4}\), SW\(\frac{1}{4}\)SE\(\frac{1}{4}\); 7, N\(\frac{1}{2}\)NE\(\frac{1}{4}\)NE\(\frac{1}{4}\), NW\(\frac{1}{4}\)NE\(\frac{1}{4}\), E\(\frac{1}{2}\)W\(\frac{1}{4}\), SW\(\frac{1}{4}\)SW\(\frac{1}{4}\); 8, N\(\frac{1}{2}\)NE\(\frac{1}{4}\), N\(\frac{1}{2}\)NW\(\frac{1}{4}\); 9, N\(\frac{1}{2}\)NW\(\frac{1}{4}\); and 18, NW\(\frac{1}{4}\).

T. 10 S., R. 4 W.: sec. 34, S12SW\(\frac{1}{4}\).

Surveyed and unsurveyed portions according to the following metes and bounds: bordered on the north by a line commencing at the intersection of North River Road and the surveyed eastern section line of sec. 3, T. 11 S., R. 4 W.; thence east along said road to its
junction with Via Puerta Del Sol; thence east approximately 0.5 mi to State Highway 76 nearest the midpoint of sec. 31, T. 10 S., R. 3 W.; thence northward and eastward along said highway to its intersection with the eastern section line of sec. 27, T. 9 S., R. 2 W.; and bordered on the south by a line commencing at the intersection of Murray Road and the surveyed eastern section line of sec. 3, T. 11 S., R. 4 W.; thence southward and eastward along said road to its junction with State Highway 76; thence eastward and northward along said highway to its junction with Santa Fe Avenue; thence southeastward 3,000 feet along said avenue; thence northward along a straight line to Guajome Lake Road at a point 800 feet from the junction of said road and State Highway 76; thence northward along Guajome Lake Road to its junction with said highway; thence eastward along said highway to its junction with River Road in sec. 31, T. 10 S., R. 3 W.; thence northward along said road to its intersection with the surveyed eastern section line of sec. 20, T. 10 S., R. 3 W.; thence north to and northeasterly along the 250-foot contour in sec. 21; thence partially surveyed sec. 15, T. 10 S., R. 3 W.; thence north to a point about 0.2 mi south of the northwest corner of sec. 14 and continuing along the 300-foot contour from the western section line of sec. 14 eastward through unsurveyed sec. 11, surveyed secs. 13 and 12, T. 10 S., R. 3 W.; and surveyed sec. 18, T. 10 S., R. 2 W.; thence east to and along the 350-foot contour through sec. 1, T. 10 S., R. 3 W.; thence south to and along the 350-foot contour in secs. 6 and 5, T. 10 S., R. 2 W., and secs. 32 and 33, T. 9 S., R. 2 W., to the northern section line of sec. 33; thence east approximately 1.5 mi to the southeastern corner of sec. 27, T. 9 S., R. 2 W.; and thence north about 0.4 mi to State Highway 76 in Pala.
7. San Diego River, San Diego County
(Index map location G).
T. 15 S., R. 1 and 2 W.: commencing at the
intersection of the Second San Diego Aque-
duct and Mission Gorge Road; thence east-
ward along said road to the western-most
intersection with Father Junipero Serra
Trail; thence northward and eastward along
said trail to the eastern-most intersection of
said trail and said road; thence eastward
along Mission Gorge Road to its intersection
with Carlton Hills Blvd.; thence northward
to its intersection with Carlton Oaks Drive;
then thence westward along said drive to its east-
ern-most intersection with Inverness Road;
then thence westward along said road to its inter-
section with Carlton Oaks Drive; thence westward along said drive to its inter-
section with Mast Street; thence westward and
southward along the 320-foot contour to its
intersection with the Second San Diego Aq-
ueduct on the north side of the San Diego
River; thence southeastward along said aque-
duct to its intersection with Mission Gorge
Road.
8. Sweetwater River, San Diego County (Index map location H). T. 16 and 17 S., R. 1 W.: commencing at the intersection of the 320-foot contour and 116°58'14" W longitude immediately north of the confluence of Sweetwater River and Sweetwater Reservoir; thence eastward along the contour to the intersection of said contour with State Highway 94; thence northward along said highway to its intersection with State Highway 54; thence north- eastward along said highway to the San Bernardino Meridian; thence south approximately 1,500 feet to the intersection with the 340-foot contour; thence westward and southward along said contour to the south end of the Steele Canyon Bridge on State Highway 94; thence south approximately 900 feet to the 340-foot contour; thence southwesterly along said contour to its intersection with 116°58'14" W longitude; thence north to starting point.
9. Jamul-Dulzura Creeks, San Diego County (Index map location I). T. 17 and 18 S., R. 1 E.; commencing from a point approximately 2,200 feet west of BM 515 along Otay Lakes Road, in sec. 5, T. 18 S., R. 1 E.; thence east approximately one mile to the crossing of said road at a bridge over Jamul Creek, including all land within 1,500 feet southward of Otay Lakes Road as measured perpendicularly from the road; thence eastward for about 2.4 mi along said road and including all lands within 1,500 feet northward of said road as measured perpendicularly from the road, and including all lands within 500 feet of said bridge not otherwise included above.

10. Tijuana River, San Diego County (Index map location J). T. 18 S., R. 2 W.: secs. 34, S ½ SE ¾ SE ¼; and 35, S ½ SW ¼, SW ½ SW ½ SE ¼.
T. 19 S., R. 2 W.: secs. 1, W ½ SW ¼ NW ¼; 2, S ½ NE ¾ NE ¼, NW ½ NE ¾; N ½ SE ¾ NE ¼, N ½ NE ¾ NW ¼, W ½ NW ¼; 3, N ½; and 4, NE ¼, N ½ NW ¼.
§ 17.95

Primary constituent elements: riverine and floodplain habitats (particularly willow-dominated riparian woodland with dense understory vegetation maintained, in part, in a non-climax stage by periodic floods or other agents) and adjacent coastal sage scrub, chaparral, or other upland plant communities.

(c) Reptiles.

**Culebra Island Giant Anole (Anolis roosevetti)**

*NOTE: No text. Map follows:*

**Mona Boa (Epicrates monensis monensis)**


*NOTE: Map follows:*

**American Crocodile (Crocodylus acutus)**

Florida. All land and water within the following boundary: Beginning at the easternmost tip of Turkey Point, Dade County, on the coast of Biscayne Bay; thence southeastward along a straight line to Christmas Point at the southernmost tip of Elliott Key; thence southwestward along a line following the shores of the Atlantic Ocean side of Old Rhodes Key, Palo Alto Key, Anglefish Key, Key Largo, Plantation Key, Windley Key, Upper Matecumbe Key, Lower Matecumbe Key, and Long Key, to the westernmost tip of Long Key; thence Northwestward along a straight line to the northernmost point of Nine-Mile Pond; thence northward along the shore of the Gulf of Mexico to the north side of the mouth of Little Sable Creek; thence eastward along a straight line to the northernmost point of Nine-Mile Pond; thence northward along a straight line to the point of beginning.

*NOTE: No map.*

**Monito Gecko (Sphaerodactylus micropithecus)**

Puerto Rico—Isla Monito, entire island.

*NOTE: Map follows:*
MONA GROUND IGUANA (Cyclura stenegeri)
NOTE: Map follows:

ST. CROIX GROUND LIZARD (Ameiva polops)
U.S. Virgin Islands. Protestant Cay, roughly defined by the coordinates 64°42'15" N. and 17°45'7.5" W.; and Green Cay, roughly defined by the coordinates 67°37'30" N. and 17°46'15" W.
NOTE: Map follows:

COACHELLA VALLEY FRINGE-TOED LIZARD (Uma inornata)
California. Riverside County. 5½ Section 5, SE ¼ Section 6, E ½ Section 7, all of sections 8 through 11, W½ Section 12, W½ Section 13, all of sections 14 through 16, E ½ Section 17, E½NW½ Section 17, E½SW½ Section 17, all of sections 21 through 26, E½NW½, NW½SE¼, E½SE¼, NE¼ Section 27, all of sections 35 and 36, T 4S R 6E.
NOTE: Map follows:

NEW MEXICAN RIDGE-NOSED RATTLESNAKE (Crotalus willardi obscurus)
New Mexico. Hidalgo County. Elevations between 6,200 feet and 8,532 feet in Bear, Indian, and Spring Canyons, Animas Mountains.
NOTE: Map follows:
CONCHO WATER SNAKE (Nerodia harteri paucimaculata)

Texas: Areas of land and water as follows:
1. Tom Green and Concho Counties. Concho River: The mainstream river channel and river banks, up to a level on both banks that is 15 vertical feet above the water level at median discharge (but not extending more than ¼ mile upstream on any tributary stream); extending from the Farm to Market Road 3115 bridge near the town of Maverick downstream to the confluence of the Colorado River and Salt Creek, northeast of the town of Doole.
2. Runnels, Concho, Coleman, and McCulloch Counties. Colorado River: The mainstream river channel and river banks, up to a level on both banks that is 15 vertical feet above the water level at median discharge (but not extending more than ¼ mile upstream on any tributary stream); extending from Mullin's Crossing, northeast of the town of Veribest downstream to the confluence of the Concho and Colorado Rivers.

3. The entire future Stacy Reservoir basin up to the conservation pool level of 1551.5 feet elevation, and including reservoir banks up to 15 vertical feet above the 1551.5 feet elevation, and including tributary streams for not more than ¼ mile upstream from the conservation pool level.

4. Constituent elements include shallow riffles and rapids with rocky cover, minimum steam flows, dirt banks, rocky shorelines, and woody riparian vegetation. Minimum flows include the following:
   (a) A continuous, daily flow of 10.0 cubic feet/second (cfs) in the Colorado River from E.V. Spence Reservoir to Ballinger, Texas.
   (b) A flushing flow of 600 cfs from E.V. Spence Reservoir for a duration of 3 consecutive days (at any time during the months of November through February), at least every other year for channel maintenance.
   (c) A continuous, daily minimum flow of 11.0 cfs in the Colorado River between Stacy Dam and Pecan Bayou between April and September each year, and a minimum of 2.5 cfs between October and March of each year.
   (d) Flushing flows of 2500 cfs from Stacy Reservoir for 2 consecutive days at least once every 2 years for channel maintenance.

NOTE: Map follows.
§ 17.95

DESERT TURTLE—MOJAVE POPULATION (Gopherus agassizii)

Index map of approximate locations of critical habitat units follows:

California. Areas of land as follows:


E., secs. 1-5, 8-17, and 22-34 except those portions of secs. 25, 26, and 34 lying southeasterly of Interstate Hwy. 15; T. 10 N., R. 3 E., secs. 1-12, 14-21, and 30 except those portions of secs. 11, 12, 14-16, 19-21, and 30 lying southeasterly of Interstate Hwy. 15; T. 10 N., R. 4 E., those portions of secs. 5-7 lying northwesterly of Interstate Hwy. 15; T. 11 N., R. 5 W., secs. 1 and 12; T. 11 N., R. 4 W., secs. 1-7, 9, 11, and 12; T. 11 N., R. 3 W., secs. 1-18; T. 11 N., R. 2 W.; T. 11 N., R. 1 W.; T. 11 N., R. 1 E., secs. 1-31; T. 11 N., R. 2 E., secs. 1-36 except sec. 31; T. 11 N., R. 3 E.; T. 11 N., R. 4 E., secs. 1-34 except those portions of secs. 25, 26, 33, and 34 lying southeasterly of Interstate Hwy. 15; T. 11 N., R. 5 E., secs. 1-11 and 15-20 except those portions of secs. 1, 2, 10, 11, 15-17, 19, and 20 lying southeasterly of Interstate Hwy. 15; T. 12 N., R. 5 W., sec. 36; T. 12 N., R. 4 W., secs. 31-36; T. 12 N., R. 3 W., secs. 31-36; T. 12 N., R. 2 W., secs. 31-36; T. 12 N., R. 1 W., secs. 31-36; T. 12 N., R. 1 E.; T. 12 N., R. 2 E., secs. 3-6, 9-15, and 29-34; T. 13 N., R. 5 E., secs. 26-28 and 32-36; T. 14 N., R. 1 E., secs. 5-10, 15-23, and 24-36.

MAP 3


San Bernardino Meridian: T. 6 N., R. 1 E., secs. 1-4, 10-15, 22-27, and 34-36; T. 6 N., R. 2 E., secs. 1-11, 14-22, and 28-33; T. 7 N., R. 1 W., secs. 1-4, 9-15, 22-26, 29, and 36 except those portions of secs. 4, 9, 10, 13, 22, 29, and 35 lying southerly of State Hwy. 247; T. 7 N., R. 1 E.; T. 7 N., R. 2 E.; T. 7 N., R. 3 E.; T. 7 N., R. 4 E.; T. 7 N., R. 5 E., secs. 4-9 and 17-19 except those portions of secs. 4, 9, 10, 13, 22, 29, and 35 lying southerly of the northern boundary of Twenty Nine Palms Marine Corps Base; T. 8 N., R. 1 W., secs. 1-18, 20-29, and 32-36 except those portions of secs. 6, 7, 17, 18, 20, 22, 29, and 32 lying southerly of State Hwy. 247; T. 8 N., R. 1 E.; T. 8 N., R. 2 E., secs. 2-36; T. 8 N., R. 3 E., secs. 7 and 18-36; T. 8 N., R. 4 E., secs. 13-18 and 18-36; T. 8 N., R. 5 E., secs. 16-18, 19-21, 28-30, and 31-33 except those portions of secs. 16 and 17 lying northerly of Interstate Hwy. 40; T. 9 N., R. 1 E., secs. 18-21 and 27-36 except those portions of secs. 18-21, 27, 28, 34, and 35 lying northerly of Interstate Hwy. 40; T. 9 N., R. 1 W., secs. 19, 20, and 25-36 except those portions of secs. 19, 20, and 29-31 lying westerly of State Hwy. 247; T. 9 N., R. 1 E., secs. 25-36 except those portions of secs. 29, 30, and 33-35 lying northerly of Interstate Hwy. 40.

MAP 4


§ 17.95

50 CFR Ch. I (10-1-98 Edition)

410


San Bernardino Meridian: T. 1 S., R. 9 E., secs. 10-15, 24, and 36; T. 1 S., R. 10 E., secs. 7-36; T. 1 S., R. 11 E., secs. 7-36; T. 1 S., R. 12 E., secs. 7-36 except sec. 13; T. 1 S., R. 13 E., secs. 13-36; T. 1 S., R. 14 E., secs. 13-32; T. 1 S., R. 15 E., secs. 13-30 and 36; T. 1 S., R. 16 E., secs. 18, 19, and 30-32; T. 2 S., R. 9 E., secs. 1, 12, and 13; T. 2 S., R. 10 E., secs. 1-24; T. 2 S., R. 11 E., secs. 1-24; T. 2 S., R. 12 E., secs. 1-22 except sec. 13; T. 2 S., R. 13 E., secs. 3-6; T. 2 S., R. 15 E., secs. 1; T. 2 S., R. 16 E., secs. 4-9, 16, 17, 20, 21, 28, 29, 32, and 33; T. 3 S., R. 16 E., secs. 4, 5, 8, and 9.


§ 17.95

23, 24, 26-29, 31, and 32 lying northerly of Interstate Hwy. 40; T. 9 N., R. 20 E., secs. 19, 20, and 29-33 except those portions of secs. 19 and 20 lying northerly of Interstate Hwy. 40; 4½ S½ S½ sec. 27, SW¼ SW¼ sec. 26, and W½ W½ sec. 35.


MAP 9

Nevada. Areas of land as follows:


Mt. Diablo Meridian: T. 23 S., R. 64 E., secs. 31-36 except that portion of sec. 31 lying northwesterly of the powerline and also except those portions of secs. 34-36 lying north-easterly of the powerline; T. 23 ½ S., R. 65 E., that portion of sec. 31 lying southwesterly of the powerline; T. 23 ½ S., R. 65 E., secs. 1, 2, 11-15, 22-28, and 33-36 except those portions of secs. 1, 2, 11, 14, and 15 lying northwesterly of the powerline and those portions of secs. 27, 28, and 33 lying northwesterly of U.S. Hwy. 95; T. 25 S., R. 64 E., secs. 1-35 except secs. 30 and 31; T. 30 S., R. 65 E., secs. 1-26, 30, 31, 35, and 36; T. 30 S., R. 66 E., secs. 4-9, 16-21, and 28-33; T. 31 S., R. 63 E., secs. 1-5, 8-10, 22-26, and 36; T. 31 S., R. 64 E., T. 31 S., R. 65 E., secs. 1, 2, 6, 11-14, and 23-36 except that portion of sec. 36 lying southwesterly of State Hwy. 163; T. 31 S., R. 66 E., secs. 3-10, 15-22, and 27-34 except that portion of sec. 31 lying southwesterly of State Hwy. 163; T. 32 S., R. 64 E., secs. 1-6, 8-16, 22-26, and 36; T. 32 S., R. 65 E., secs. 1-12, 17-20, and 29-32 except those portions of secs. 1 and 9-12 lying southeasterly or easterly of State Hwy. 163; T. 32 S., R. 66 E., those portions of secs. 3-6 lying northerly of State Hwy. 163; T. 33 S., R. 65 E., sec. 5.

MAP 10


secs. 23-29 and 31-36; T. 12 S., R. 69 E., secs. 1-5, 8-17, and 19-36; T. 12 ½ S., R. 62 E., that portion of sec. 36 lying easterly of the easterly boundary line of the Desert National Wildlife Range; T. 13 S., R. 62 E., those portions of secs. 1, 12, 13, 24, and 25 lying easterly of the easterly line of the Desert National Wildlife Range; T. 12 ½ S., R. 62 E., secs. 1-24, N ½ 26, N ½ 27, N ½ 28, sec. 28, 29-32, and W ½ 33; T. 13 S., R. 66 E., secs. 1-26, W ½ sec. 27, 35, and 36; T. 13 S., R. 67 E.; T. 13 S., R. 68 E., secs. 1-36 except those portions of secs. 25 and 33-36 lying southeasterly of Interstate Hwy. 15; T. 13 S., R. 69 E., secs. 1-30 except those portions of secs. 25-30 lying southerly of Interstate Hwy. 15; T. 13 S., R. 70 E., secs. 6, 7, 18, 19, 30, and 31 except those portions of secs. 30 and 31 lying southerly of Interstate Hwy. 15; T. 13 ½ S., R. 63 E., secs. 31-36; T. 13 ½ S., R. 64 E., secs. 31-36 except that portion of sec. 36 lying southeasterly of Interstate Hwy. 166; T. 14 S., R. 63 E., secs. 1-23, and 26-35; T. 14 S., R. 64 E., secs. 2-6, 8-11, 15, and 16; T. 14 S., R. 66 E., secs. 1, E ½ sec. 2, 12, E ½ sec. 13, and E ½ sec. 24; T. 14 S., R. 67 E., secs. 1-12 and 14-22 except those portions of secs. 12, 14, 15, 21, and 22 lying southerly of Interstate Hwy. 15; T. 14 S., R. 68 E., those portions of secs. 4-7 lying northwesterly of Interstate Hwy. 15; T. 15 S., R. 63 E., secs. 2-11, 14-22, and 27-34; T. 16 S., R. 63 E., secs. 3-10, 15-22, and 28-33; T. 17 S., R. 63 E., secs. 7-9, 16-21, and 28-32 except those portions of secs. 29 and 32 lying easterly of the westerly boundary line of the Apex Disposal Road; T. 18 S., R. 63 E., secs. 5-8, 17-19, and 29-31 except those portions of secs. 5, 8, 17-19, and 29-31 lying easterly of the westerly boundary line of the Apex Disposal Road and that portion of sec. 31 lying westerly of the easterly boundary line of Desert National Wildlife Range.

Mt. Diablo Meridian: T. 8 1/2 S., R. 71 E., that portion of sec. 34 lying south of a westward extension of the north line of sec. 26, T. 41 S., R. 20 W. (Salt Lake Meridian), Washington County, Utah; T. 9 S., R. 71 E., secs. 3, 10, 15-17, 20-22, 27-29, and 32-34; T. 10 S., R. 70 E., secs. 19-36; T. 10 S., R. 71 E., secs. 3-5, 7-10, 15-22, and 27-34; T. 11 S., R. 70 E.; T. 11 S., R. 71 E., secs. 3-10, 15-22, and 27-34; T. 12 S., R. 70 E., secs. 1-12, 14-23, and 28-33; T. 12 S., R. 71 E., secs. 3-10.

Utah. Areas of land as follows:
Salt Lake Meridian: T. 40 S., R. 19 W., S 1/2 sec. 28, S 1/2 sec. 29, S 1/2 sec. 31, secs. 32 and 33; T. 41 S., R. 19 W., S 1/2 sec. 2, S 1/2 sec. 3, secs. 4, 5, 6, E 1/2 sec. 7, secs. 8-11, 15-17, E 1/2 sec. 18, and secs. 19-22, and 26-33; T. 41 S., R. 20 W., E 1/2 sec. 1, secs. 24-26, 35, and 36; T. 42 S., R. 19 W., secs. 4-9, 16-22, and 27-34; T. 42 S., R. 20 W., secs. 1, 2, 11-14, 23-26, 35, and 36; T. 43 S., R. 18 W., secs. 7, 8, S 1/2 sec. 16, secs. 17-21, and 27-34; T. 43 S., R. 19 W., secs. 1-36 except N 1/2 sec. 1; T. 43 S., R. 20 W., secs. 1, 2, 11-14, 23-26, 35, and 36.

Salt Lake Meridian: T. 41 S., R. 13 W., secs. 17-21 except NW 1/4 NW 1/4 sec. 18, also W 1/2 and W 1/2 E 1/2 sec. 27, sec. 28 except that portion lying westerly of Gould Wash, N 1/2 sec. 29, N 1/2 sec. 30, N 1/2 N 1/2 sec. 33 except that portion lying westerly of Gould Wash, and N 1/2 NW 1/4 and NW 1/4 NE 1/4 sec. 34; T. 41 S., R. 14 W., S 1/2 S 1/2 and NE 1/4 SE 1/4 and SE 1/4 NE 1/4 sec. 13, that portion of sec. 14 lying westerly of Red Cliff Road, secs. 15-17 except N 1/2 NW 1/4 and SW 1/4 NW 1/4 sec. 17, secs. 19-22, that portion of sec. 23 lying westerly of Red Cliff Road and westerly of Interstate Hwy. 15, sec. 24, E 1/2 and N 1/2 SE 1/4 and NW 1/4 SE 1/4 sec. 25, and those portions of secs. 26, 27, and 32-34 lying northwesterly of Interstate Hwy. 15; T. 41 S., R. 15 W., secs. 14, 19, 20, and 22-36; T. 41 S., R. 16 W., secs. 4, 9, 10, S 1/2 sec. 14, 15-16, 19, 21, W 1/2 sec. 22, secs. 24-25 except W 1/2 SW 1/4 sec. 24 and W 1/2 NW 1/4 and NW 1/4 SW 1/4 sec. 25, and W 1/2 W 1/2 sec. 25, SW 1/4 NE 1/4 and NW 1/4 NW 1/4 and S 1/2 NW 1/4 and NW 1/4 and W 1/2 SE 1/4 sec. 27, E 1/2 and E 1/2 W 1/2 and NW 1/4 NW 1/4 and SW 1/4 SW 1/4 sec. 28, N 1/2 and SE 1/4 and E 1/2 SW 1/4 sec. 30, NE 1/4 sec. 31, N 1/2 sec. 32, N 1/2 and SE 1/4 and N 1/2 SW 1/4 sec. 33, sec. 34, SE 1/4 SE 1/4 and that portion of sec. 35 lying westerly of State Hwy. 18, and sec. 36; T. 41 S., R. 17 W., secs. 9, 14-16, NE 1/4 sec. 21, N 1/2 sec. 22, NW 1/4 and E 1/2 sec. 23, sec. 24, and NE 1/4 sec. 25; T. 42 S., R. 14 W., those portions of secs. 5 and 6 lying northwesterly of Interstate Hwy. 15; T. 42 S., R. 15 W., sec. 1, N 1/2 sec. 2, N 1/2 and N 1/2 S 1/2 sec. 2, NE 1/4 and W 1/2 sec. 3, secs. 4-9, W 1/2 W 1/2 sec. 10, N 1/2 N 1/2 sec. 12, secs. 16-18, N 1/2 and N 1/2 SE 1/4 and NE 1/4 SW 1/4 sec. 19, and W 1/2 NW 1/4 and NW 1/4 SW 1/4 sec. 20, except those portions of secs. 1 and 2 lying southwesterly of Interstate Hwy. 15; T. 42 S., R. 16
U.S. Fish and Wildlife Serv., Interior § 17.95

W., secs. 1-2, NW 1/4 and E 1/2 sec. 3, NE 1/4 NE 1/4 sec. 4, NE 1/4 sec. 10, NW 1/4 and E 1/2 sec. 11-12, E 1/2 and NW 1/4 and N 1/2 SW 1/4 sec. 13 except that portion lying westerly of State Hwy. 18, and N 1/2 NE 1/4 sec. 24.

Arizona. Areas of land as follows:
Gila and Salt River Meridian: T. 41 N., R. 14 W., secs. 6, 7, 18, and 19; T. 41 N., R. 15 W., secs. 1-24, 26-28, 30, and 31; T. 41 N., R. 16 W., secs. 1-5, 8-17, 20-29, and 32-36; T. 42 N., R. 14 W., sec. 31; T. 42 N., R. 15 W., secs. 31-36; T. 43 N., R. 14 W., secs. 1, 2, 12, and 13; T. 43 N., R. 15 W., secs. 31-36; T. 43 N., R. 16 W., secs. 35 and 36; T. 33 N., R. 14 W., secs. 4-8, 18, 19, and 28-31; T. 33 N., R. 15 W.; T. 33 N., R. 16 W.; T. 34 N., R. 14 W., secs. 3-9, 17-19, 30, 31, 33, and 34; T. 34 N., R. 15 W.; T. 34 N., R. 16 W.; T. 35 N., R. 14 W., secs. 3-9, 16-22, and 28-35; T. 35 N., R. 15 W., T. 35 N., R. 16 W.; T. 36 N., R. 14 W., secs. 2-11, 14-22, and 27-34; T. 36 N., R. 15 W.; T. 36 N., R. 16 W., secs. 1-36 except secs. 4-9; T. 37 N., R. 14 W., secs. 1, 2, 12, 13, 20, 23-29, and 32-36; T. 37 N., R. 15 W., secs. 1, 2, 12, 13, 20, 23-29, and 32-36; T. 40 N., R. 14 W., sec. 6; T. 40 N., R. 15 W., secs. 1, 10-15, and 21-36.

Primary constituent elements: Desert lands that are used or potentially used by the desert tortoise for nesting, sheltering, foraging, dispersal, or gene flow.

Hawksbill Sea Turtle (Eretmochelys imbricata)

Puerto Rico: (1) Isla Mona. All areas of beachfront on the west, south, and east sides of the island from mean high tide inland to a point 150 meters from shore. This includes all 7.2 kilometers of beaches on Isla Mona. (2) Culebra Island. The following areas of beachfront on the north shore of the island from mean high tide inland to a point 150 meters from shore: Playa Resaca, Playa Brava, and Playa Larga. (3) Cayo Norte. South beach, from mean high tide inland to a point 150 meters from shore. (4) Isla Culebrita. All beachfront areas on the south-west facing shore, east facing shore, and northwest facing shore of the island from mean high tide inland to a point 150 meters from shore.

Note: Maps follow.
§ 17.95

LEATHERBACK SEA TURTLE (Dermochelys coriacea)

U.S. Virgin Islands—A strip of land 0.2 mile wide (from mean high tide inland) at Sandy Point Beach on the western end of the island of St. Croix beginning at the southwest cape to the south and running 1.2 miles northwest and then northeast along the western and northern shoreline, and from the southwest cape 0.7 mile east along the southern shoreline.

NOTE: Map follows:

PLYMOUTH RED-BELLIED TURTLE (Chrysemys rubriventris bangsi)

Massachusetts (Plymouth County). An area including Briggs Reservoir, Cooks Pond, Little South Pond, South Triangle Pond, Great South Pond, Powderhorn Pond, Boat Pond, Hoyte Pond, Gunners Exchange Pond, Crooked Pond and Island Pond as follows: Beginning at the intersection of the centerline of the right-of-way of the Boston Edison and New Bedford Gas and Edison Light Company transmission lines and the westerly right-of-way line of Long Pond Road, thence southwesterly, along the westerly right-of-way line of Long Pond Road, 10,370 feet to the intersection of the said right-of-way line and the boundary line of the Myles Standish State Forest; thence southerly and westerly, along the boundary line of the Myles Standish State Forest, crossing and re-crossing Snake Hill Road, 11,200 feet, more or less; thence westerly, leaving the boundary line of the State Forest, 11,570 feet, more or less, to the boundary line of the Myles Standish State Forest; thence westerly, along the boundary line of the Myles Standish State Forest, 9,180 feet, more or less, to the intersection of the boundary of the said State Forest and the easterly right-of-way line of the Algonquin Gas Transmission Company pipeline; thence northerly, along the easterly right-of-way line of the said pipeline, 6,223 feet, more or less, to the intersection of the easterly right-of-way line of the said pipeline and the northerly right-of-way line of Kings Pond Plain Road; thence northeasterly, along the northerly right-of-way line of said road 3,100 feet to a point; thence northerly, 800 feet, more or less, to the southerly right-of-way line of the Boston Edison and New Bedford Gas and Edison Light Company transmission
U.S. Fish and Wildlife Serv., Interior § 17.95

lines; thence northwesterly, along the southerly right-of-way base of the said transmission lines, 4,150 feet, more or less, to the intersection of the southerly right-of-way line of the said transmission lines and the easterly right-of-way line of the Algonquin Gas Transmission Company pipeline; thence northerly, along the easterly right-of-way line of the said pipeline, 2,500 feet, more or less, to the intersection of the easterly right-of-way line of the said pipeline and the southerly right-of-way line of Black Cat Road; thence southeasterly, along the southerly right-of-way line of said road, crossing South Pond Road and continuing southeast-erly, along the southerly right-of-way line of an unnamed road, 10,370 feet, more or less, to a point; thence southerly 2,300 feet, more or less, to the northerly right-of-way line of the Boston Edison and New Bedford Gas and Edison Light Company transmission lines, thence easterly, along the northerly right-of-way line of the said transmission lines, 1,300 feet, more or less, to the intersection of the northerly right-of-way line of the said transmission lines and the westerly right-of-way line of Long Pond Road; thence southerly, along the westerly right-of-way line of said road, 100 feet, more or less, the place of begin-ning.

NOTE: Map follows:

GOLDEN COQUI (Eleutherodactylus jasperi)

Puerto Rico. Areas of land, water and air-space with the following components: (1) Cerro Avispa-elevation above 700 meters on the south and southeastern slope of the mountain: from the northern junction of Highway 715 and an unnumbered dirt road southeast and southwest along Highway 715 to the southern junction with the same un-numbered dirt road and Highway 715, north and northeast along the unnumbered dirt road just below the southeast facing crest of Cerro Avispa to its junction with Highway 715.

(2) Monte el Gato-entire summit above 700 meters: from the junction of Highway 715 to the junction of Highway 715 and the 700 meter contour interval west along Highway 715 to the junction of Highway 715 and an un-numbered road, north and northeast along this road to where it crosses the 700 meter contour interval, and east along the 700 meter contour interval to where it crosses Highway 715.

(3) Sierra de Cayey—elevations above 700 meters: southeast from the junction of High-ways 738 and 15 along Highway 15 to point .5 kilometer south of Benchmark 684.5, north-east from this point in a line to a point on Highway 741 two kilometers south of the junction of Highway 738 and 741, north and northwest along Highway 741 to its junction with Highway 738, and northwest from the junction of Highways 741 and 738 along Highway 738 to its junction with Highway 15.

NOTE: Map follows:

(d) Amphibians.
§ 17.95

Refer to 7.5 minute U.S.G.S. Topographical Map, Cayey, Puerto Rico, 1972.

NOTE: Map follows:

SAN MARCOS SALAMANDER (Eurycea nana)
Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream approximately 50 meters from the Spring Lake Dam.

NOTE: Map follows:

HOUSTON TOAD (Bufo houstonensis)
Texas: Areas of land, water, and airspace as follows:
(1) Bastrop County. From the junction of a line corresponding to 30°12’00” N. and Texas State Highway 95 east along a line corresponding to 30°12’00” N. to where it intersects a line corresponding to 97°7’30” W. and south along a line corresponding to 97°7’30” W. to where it intersects the Colorado River, west and northwest along the north bank of the Colorado River to the due southward extension of Texas State Highway 95, and north along that extension and Texas State Highway 95 to where it intersects a line corresponding to 30°12’00” N.

NOTE: Map follows:

(2) Burleson County. A circular area with a 1-mile radius, the center being the north entrance to Lake Woodrow from Texas FM 2000.

NOTE: Map follows:

(e) Fishes.

YAQUI CATFISH (Ictalurus pricei)
Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S 1/2 Sec. 11; Sec. 14; S 1/2 and NE 1/4 Sec. 15; T24S, R30E.

Known constituent elements include clean unpolluted permanent water in streams with
medium current with clear pools in the Rio Yaqui drainage. These waters should be without introduced exotic fishes.
NOTE: Map follows:

ALABAMA CAVEFISH (Speoplatyrhinus poulsoni)
NOTE: No map.

BONYTAIL CHUB (Gila elegans)
Description of areas taken from the Bureau of Land Management (BLM) 1:100,000 scale maps (available from BLM State Offices): Rangely, CO 1990; Canyon of Lodore, CO 1990; Seep Ridge, UT/CO 1982; La Sal, UT/CO 1985; Hite Crossing, UT 1982; Parker, AZ/CA 1980; Davis Dam, AZ/NV/CA 1982; Boulder City, NV/AZ 1978; Needles, CA 1986.
Colorado: Moffat County. The Yampa River from the boundary of Dinosaur National Monument in T.6N., R.90W., sec. 27 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).
Utah: Uintah County; and Colorado: Moffat County. The Green River from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to the boundary of Dinosaur National Monument in T.6N., R.24E., sec. 30 (Salt Lake Meridian).
Utah: Uintah and Grand Counties. The Green River (Desolation and Gray Canyons) from Sumner’s Amphitheater in T.12S., R.18E., sec. 5 (Salt Lake Meridian) to Swasey’s Rapid in T.20S., R.16E., sec. 3 (Salt Lake Meridian).
Utah: Grand County; and Colorado: Mesa County. The Colorado River from Black Rocks in T.10S., R.104W., sec. 25 (6th Principal Meridian) to Fish Ford in T.21S., R.24E., sec. 35 (Salt Lake Meridian).
Utah: Garfield and San Juan Counties, The Colorado River from Brown Betty Rapid in T.30S., R.18E., sec. 34 (Salt Lake Meridian) to Imperial Canyon in T.31S., R.17E., sec. 28 (Salt Lake Meridian).
Arizona: Mohave County; Nevada: Clark County; and California: San Bernardino County. The Colorado River from Hoover Dam in T.30N., R.23W., sec. 3 (Gila and Salt River Meridian) to Davis Dam in T.21N., R.21W., sec. 18 (Gila and Salt River Meridian) including Lake Mohave up to its full pool elevation.
Arizona: Mohave County; and California: San Bernardino County. The Colorado River from the northern boundary of Havasu National Wildlife Refuge in R.22W., T.16N., sec. 1 (Gila and Salt River Meridian) to Parker Dam in T.11N., R.18W., sec. 16 (Gila and Salt River Meridian) including Lake Havasu up to its full pool elevation.
Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.
NOTE: Map follows:

BORAX LAKE CHUB (Gila boraxobius)
Oregon. Harney County. Borax Lake and environments associated with the outflow from Borax Lake located within SW¼ Sec. 11, W½ Sec. 14, E½ of the SE¼ Sec. 15, and the SE¼ of the NE¼ Sec. 15, T.37S; R.33E.
NOTE: Map follows:
HUMPBACK CHUB (Gila cypha)


Colorado: Moffat County. The Yampa River from the boundary of Dinosaur National Monument in T.6N., R.99W., sec. 27 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).

Utah: Uintah County; and Colorado: Moffat County. The Green River from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to the southern boundary of Dinosaur National Monument in T.5N., R.24E., sec. 30 (Salt Lake Meridian).

Utah: Uintah and Grand Counties. The Green River (Desolation and Gray Canyons) from Sumner's Amphitheater in T.12S., R.18E., sec. 5 (Salt Lake Meridian) to Swasey's Rapid in T.20S., R.16E., sec. 3 (Salt Lake Meridian).

Utah: Grand County; and Colorado: Mesa County. The Colorado River from Black Rocks in T.10S., R.104W., sec. 25 (6th Principal Meridian) to Fish Ford River in T.21S., R.24E., sec. 35 (Salt Lake Meridian).

Utah: Garfield and San Juan Counties. The Colorado River from Brown Betty Rapid River in T.30S., R.18E., sec. 34 (Salt Lake Meridian) to Imperial Canyon in T.31S., R.17E., sec. 28 (Salt Lake Meridian).

Arizona: Coconino County. The Little Colorado River from river mile 8 in T.32N., R.6E., sec. 12 (Salt and Gila River Meridian) to the confluence with the Colorado River in T.30N., R.5E., sec. 1 (Salt and Gila River Meridian).

Arizona: Coconino County. The Colorado River from Nautioid Canyon in T.36N., R.5E., sec. 35 (Salt and Gila River Meridian) to Granite Park in T.30N., R.10W., sec. 25 (Salt and Gila River Meridian).

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.

OWENS TUI CHUB (Gila bicolor snyderi)

CALIFORNIA, MONO COUNTY

1. Hot Creek, adjacent springs and their outflows in the vicinity of Hot Creek Hatchery, and 50 feet of riparian habitat on all sides of the creek and springs in T.3S., R.28E., SW1/4 Section 35.

NOTE: Map follows.
2. Owens River, and 50 feet on both sides of the river, from Long Valley Dam downstream for 8 stream miles in T4S, R30E, Sections 19, 20, 21, 22, 23, 24, 25, and 36.

NOTE: Map follows.

Known constituent elements include high quality, cool water with adequate cover in the form of rocks, undercut banks, or aquatic vegetation and a sufficient insect food base.

**SLENDER CHUB (Erimystax = (Hybopsis) cahni)**


NOTE: Map follows.

**SONORA CHUB (Gila ditaenia)**

Arizona, Santa Cruz County. An area of land and water in the Coronado National Forest, consisting of the following:

1. Sycamore Creek, and a riparian zone 25 feet wide along each side of the creek, from Yank's Spring downstream approximately 5 stream miles to the International Border with Mexico within sections 14, 22, 23, 27, 33, and 34, T. 23 S.; R. 11 E.

2. Yank's Spring in the SE ¼ of the NW ¼ of sec. 14, T. 23 S.; R. 11 E.

3. Penasco Creek, including a riparian zone 25 feet wide along each side of the creek, from its confluence with Sycamore Creek (SW ¼ of the SW ¼ of sec. 23, T. 23 S.; R. 11 E.) upstream approximately ¼ mile to the west boundary of the NE ¼ of the NE ¼ sec. 22, T. 23 S.; R. 11 E.

NOTE: Map follows.
Known primary constituent elements include clean permanent water with pools and intermediate riffle areas and/or intermittent pools maintained by bedrock or by subsurface flow in areas shaded by canyon walls.

**SPOTTED CHUB (Cyprinella (=Hybopsis) monacha)**

North Carolina. Macon and Swain Counties. Little Tennessee River, main channel from the backwaters of Fontana Lake upstream to the North Carolina-Georgia State line.

**NOTE**: Map follows:


**NOTE**: Map follows:

**YAQUI CHUB (Gila purpurea)**

Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S 1½ Sec. 11, Sec. 14, S 1½ and NE 1¼ Sec. 15, T 24S, R 30E. Known constituent elements include clean permanent water with deep pools and intermediate areas with riffles, areas of detritus or heavily overgrown cut banks in the Rio Yaqui drainage, and the absence of introduced exotic fishes.

**NOTE**: Map follows:
ASH MEADOWS SPECKLED DACE (Rhinichthys osculus nevadensis)

Nevada, Nye County: Each of the following springs and outflows plus surrounding land areas for a distance of 50 meters (164 feet) from these springs and outflows:
- Bradford Springs in Section 11, T18S, R50E, and their outflows for a distance of 300 meters (984 feet) from the springs.
- Jack Rabbit Spring and its outflow flowing southwest to the boundary between Section 24 in T18S, R50E and Section 19, T18S, R51E.
- Big Spring and its outflow to the boundary between Section 19, T18S, R51E and Section 24, T18S, R50E.

NOTE: Map follows:

Desert Dace (Eremichthys acros)

Nevada, Humboldt County. Thermal springs and their outflows plus surrounding riparian areas for a distance of 50 feet from these springs and outflows in T40N, R25E, SW¼ Section 5, NW¼NW¼ Section 8, W½ Section 18, W½SW¼ Section 19; T40N, R24E, Section 23, N½SE¼ and S½NE¼ Section 24, SE¼ Section 25, N½ Section 25, and N½ Section 26.

NOTE: Map follows:

Primary constituent elements of the habitat are considered to be quantity, and thermal and chemical quality of water in headpools and spring outflow streams; presence of a stable, natural substrate supporting food plants for the fish; and length of outflow streams; adequate for seasonal movements in response to changes of water temperature.

Amber Darter (Percina antesella)

Tennessee and Georgia: Conasauga River from the U.S. Route 411 bridge in Polk County, Tennessee, downstream approximately 32.5 miles through Bradley County, Tennessee and Murray and Whitfield Counties, Georgia, to the Tibbs Bridge Road bridge (Murray County Road 109 and Whitfield County Road 100).

Constituent elements include high quality water, riffle areas (free of silt) composed of sand, gravel, and cobble, which becomes vegetated primarily with Podostemum during the summer.

NOTE: Map follows:
§ 17.95

**FOUNTAIN DARTER** (Etheostoma fonticola)
Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream approximately 0.5 miles below Interstate Highway 35 bridge.

**NOTE:** Map follows:

**LEOPARD DARTER** (Percina pantherina)
Oklahoma, McCurtain and Pushmataha Counties. Little River, main channel in Pushmataha County from mouth of Cloudy Creek (T. 3 S.; R. 20 E.; Section 3) upstream to the Pushmataha-Le Flore County line. Black Fork Creek in McCurtain County from its junction with Little River (T. 1 S.; R. 20 E.; Section 22) upstream to Oklahoma Highway 144 crossing (T. 1 S.; R. 19 E.; Section 12). Glover Creek, main channel in McCurtain County from Oklahoma Highway 7 crossing (T. 5 S.; R. 23 E.; Section 28) upstream to the junction of the East Fork and West Fork of Glover Creek. East Fork and West Fork of Glover Creek, main channel in Pushmataha County from its junction with the West Fork Glover Creek (T. 3 S.; R. 23 E.; Section 7) upstream to 4 air miles north-northeast of the community of Bethel (T. 2 S.; R. 24 E.; Section 5). West Fork Glover Creek, main channel in McCurtain County from its junction with the East Fork Glover Creek upstream to the community of Battiest (T. 2 S.; R. 23 E.; Section 7). Mountain Fork Creek, main channel in McCurtain County, from mouth of Boktukola Creek (T. 2 S.; R. 25 E.; Section 9), 6 air miles south-southwest of Smithville, upstream to the Oklahoma-Arkansas State line.

**NOTE:** Map follows:

**MARYLAND DARTER** (Etheostoma sellare)
Maryland (Harford County): (1) Deer Creek main channel from the junction with Elbow Branch thence downstream to the junction with the Susquehanna River. (2) Gasheys Run (also known as Gasheys Creek) main channels of east and west forks from their overcrossing by old Penn Central Railroad (presently titled to National Railroad Passenger Corporation, Amtrak) south to their confluence, thence south to the confluence with Swan Creek.

**NOTE:** Map follows:
Constituent elements of this habitat are considered to be quality and permanence of streamflow in shallow areas of the streams (riffles), and presence of unsilted rocky crevices for shelter and production of aquatic insects and snails for food.

Niangua Darter (Etheostoma nianguae)

Missouri. Big Tavern Creek, Miller County. Big Tavern Creek and 50 feet along each side of the creek from Highway 52 upstream to Highway 17.

NOTE: Map follows:

Missouri. Niangua River, Dallas County. Niangua River and 50 feet on each side of the river from county road K upstream to 1 mile beyond county road M to the Webster County line.

NOTE: Map follows:

Missouri. Pomme de Terre River, Greene County. Pomme de Terre River and 50 feet on each side of the river from Highway 65 upstream to the Webster County line.

NOTE: Map follows:

Missouri. Brush Creek, Cedar, and St. Clair Counties. Brush Creek and 50 feet on each side of the creek from 1000 feet upstream of county road J to the boundary of Sections 34 and 35, Township 36 N, Range 25 W.

NOTE: Map follows:

Missouri. Little Niangua River, Camden, Dallas, and Hickory Counties. Little Niangua River and 50 feet on each side of the river from 1 mile below (downstream of) Highway 54, Camden County, to county road E, Dallas County.

NOTE: Map follows:
Constituent elements, for all areas designated as critical habitat, consist of medium-sized creeks with silt-free pools and riffles and moderately clear water draining hilly areas underlain by chert and dolomite. Water ranges from 8 to 46 inches in depth over gravel with scattered rubble.

**SLACKWATER DARTER (Etheostoma boschungi)**

Alabama. Lauderdale County. All permanent and intermittent streams with flowing water from December to June tributary to Cypress Creek and its tributaries upstream from the junction of Burcham Creek, including Burcham Creek, excluding Threet Creek and its tributaries.

Tennessee. Wayne County. All permanent and intermittent streams with flowing water from December to June tributary to Cypress and Middle Cypress Creek drainage.

**SAN MARCOS GAMBUSIA (Gambusia georgei)**

Texas, Hays County; San Marcos River from Highway 12 bridge downstream to approximately 0.5 miles below Interstate Highway 35 bridge.

**NOTE:** Maps follow.
**CONASAUGA LOGPERCH (Percina jenkinsi)**

Tennessee and Georgia: Conasauga River from the confluence of Halfway Branch with the Conasauga River in Polk County, Tennessee, downstream approximately 11 miles to the Georgia State Highway 2 Bridge, Murray County, Georgia.

Constituent elements include high quality water, pool areas with flowing water and silt free riffles with gravel and rubble substrate, and fast riffle areas and deeper chutes with gravel and small rubble.

**NOTE:** Map follows.


**SMOKY MADTOM (Noturus baileyi)**

Tennessee, Monroe County, Citico Creek, Cherokee National Forest. Citico Creek from the Cherokee National Forest boundary at upper Citico Bridge on Mountain Settlement Road (approximately creek mile 4.3) upstream to the confluence of Citico Creek with Barkcamp Branch (approximately creek mile 10.8).

Constituent elements of the critical habitat include the present good water quality in Citico Creek and run/pool areas with relatively silt-free pea-size gravel substrate containing scattered large flat rocks for breeding habitat. The species utilizes palm-size slab rocks for cover and relatively silt-free riffle areas during other times of the year. The area designated as critical habitat provides the smoky madtom with all of the necessary constituent elements for completion of its life cycle.

**NOTE:** Map follows.
YELLOWFIN MADTOM (Noturus flavipinnis)

Tennessee. Claiborne and Hancock Counties. Powell River, main channel from backwaters of Norris Lake upstream to the Tennessee-Virginia State line.

Virginia. Lee, Scott, and Russell Counties. Powell River, main channel from the Virginia-Tennessee State line upstream through Lee County. Copper Creek, main channel from its junction with Clinch River upstream through Scott County and upstream in Russell County to Dickensonville.

NOTE: Map follows:
ASH MEADOWS AMARGOSA PUPFISH
(Cyprinodon nevadensis mionectes)

Nevada, Nye County: Each of the following springs and outflows plus surrounding land areas for a distance of 50 meters (164 feet) from these springs and outflows:

- Fairbanks Spring and its outflow to the boundary between Sections 9 and 10, T17S, R50E.
- Rogers Spring and its outflows to the boundary between Sections 15 and 16, T17S, R50E.
- Longstreet Spring and its outflow to the boundary between Sections 15 and 22, T17S, R50E.
- Three unnamed springs in the northwest corner of Section 23, T17S, R50E, and each of their outflows for a distance of 75 meters (246 feet) from the spring.
- Crystal Pool and its outflow for a distance of 400 meters (1,312 feet) from the pool.
- Bradford Springs in Section 11, T18S, R50E, and their outflows for a distance of 300 meters (984 feet) from the springs.
- Jack Rabbit Spring and its outflow flowing southwest to the boundary between Section 19, T18S, R50E and Section 19, T18S, R51E.
- Big Spring and its outflow to the boundary between Section 19, T18S, R51E and Section 24, T18S, R50E.
- Point of Rocks Springs and their entire outflows within Section 7, T18S, R51E.

NOTE: Map follows:

Known constituent elements include warm-water springs and their outflows and surrounding land areas that provide vegetation for cover and habitat for insects and other invertebrates on which this species feeds.

DESERT PUPFISH (Cyprinodon macularius)

Arizona: Pima County. 1. Quitobaquito Spring, approximately 25 miles WNW Lukeville, Arizona in Organ Pipe Cactus National Monument, in T17S R8N; and a 100-foot riparian buffer zone around the spring.

NOTE: Map follows:
California: Imperial County.

1. San Felipe Creek. Approximately 8½ stream miles and 100 feet on either side of San Felipe Creek or the stream channel commencing at the State Highway 86 bridge crossing (approximately ¼ mile south of intersection of Hwy. 78 and Hwy. 86) upstream to the eastern boundary of Section 31, T12S; R10E; including those areas of the stream channel in: T12S; R11E; Section 17, 18, and 19; T12S; R10E; Section 22, 23, 24, 26, 27, 28, 29, and 32.

2. Carrizo Wash. Approximately 1¾ stream miles and 100 feet on either side of or the stream channel commencing at the confluence of Carrizo Wash with San Felipe Creek upstream to the southern boundary of N½ Section 33; T12S; R10E; including those areas of the stream channel in T12S; R10E; Section 27, 28, and N½ Section 33.

3. Fish Creek Wash. Approximately three-fourths of one stream mile and 100 feet on either side of the stream channel from the confluence of Fish Creek Wash with San Felipe Creek upstream to the southern boundary of N½ Section 32; T12S; R10E; including those areas of the stream channel in T12S; R10E; Section 29 and N½ Section 32.

NOTE: Map follows:

Constituent elements for all four areas designated as critical habitat include clean unpolluted water that is relatively free of exotic organisms, especially exotic fishes, in small slow-moving desert streams and spring pools with marshy backwater areas.

Leon Springs Pupfish (Cyprinodon bovinus)

Texas, Pecos County. Diamond Y Spring and its outflow stream, Loen Creek; from the head of Diamond Y Spring downstream in Leon Creek to a point 1 mile northeast of the Texas Highway 18 crossing, approximately 10 miles north of Fort Stockton.

NOTE: Map follows:
BEAUTIFUL SHINER (Notropis formosus)

Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S 1/2 Sec. 11; Sec. 14; S 1/2 and NE 1/4 Sec. 15; T24S, R30E. Known constituent elements include small permanent streams with riffles, or intermittent creeks with pools and riffles in the Rio Yaqui drainage with clean unpolluted water. These waters should be free of introduced exotic fishes.

NOTE: Map follows:

CAPE FEAR SHINER (Notropis mekistocholas)

(1) North Carolina, Chatham County. Approximately 4.1 river miles of the Rocky River from North Carolina State Highway 902 Bridge downstream to Chatham County Road 1010 Bridge; (2) North Carolina, Chatham and Lee Counties. Approximately 0.5 river mile of Bear Creek, from Chatham County Road 2156 Bridge downstream to the Rocky River, then downstream in the Rocky River (approximately 4.2 river miles) to the Deep River, then downstream in the Deep River (approximately 2.6 river miles) to a point 0.3 river mile below the Moncure, North Carolina, U.S. Geological Survey Gaging Station; and (3) North Carolina, Randolph and Moore Counties. Approximately 1.5 river miles of Fork Creek, from a point 0.1 river mile upstream of Randolph County Road 2873 Bridge downstream to the Deep River then downstream approximately 4.1 river miles of the Deep River in Randolph and Moore Counties, North Carolina, to a point 2.5 river miles below Moore County Road 1456 Bridge.

NOTE: Map follows:

PECOS BLUNTNOSE SHINER (Notropis simus pecosensis).

1. New Mexico: De Baca and Chaves Counties. Pecos River from point at the north boundary of NE 1/4 Sec. 2; T3N; R26E (approximately 10 mi. (16 km.) south of Fort Sumner) extending downstream approximately 64 mi.

NOTE: Map follows:
2. New Mexico. Chaves and Eddy Counties. Pecos River from the west boundary NW ¼ Sec. 7; T14S; R27E, extending downstream approximately 37 mi. (60 km.) to the NW ¼ Sec. 18; T17S; R27E (to the U.S. highway 82 bridge near Artesia).

**NOTE:** Map follows:

Constituent elements include clean, permanent water; a main river channel habitat with sandy substrate; and a low velocity flow.

**WACCAMAW SILVERSIDE** (*Menidia extensa*)

North Carolina, Columbus County. Lake Waccamaw in its entirety to mean high water level, and Big Creek from its mouth at Lake Waccamaw upstream approximately 0.6 kilometer (0.4 mile) to where the creek is crossed by County Road 1947.

Constituent elements include high quality clear open water, with a neutral pH and clean substrate.

**NOTE:** Map follows:
DELTA SMELT (Hypomesus transpacificus)
California—Areas of all water and all submerged lands below ordinary high water and the entire water column bounded by and contained in Suisun Bay (including the contiguous Grizzly and Honker Bays); the length of Montezuma Slough; and the existing contiguous waters contained within the Delta, as defined by section 12220, of the State of California's Water Code of 1969 (a complex of bays, dead-end sloughs, channels typically less than 4 meters deep, marshlands, etc.) as follows:

Bounded by a line beginning at the Carquinez Bridge which crosses the Carquinez Strait; thence, northeasterly along the western and northern shoreline of Suisun Bay, including Goodyear, Suisun, Cutoff, First Mallard (Spring Branch), and Montezuma Sloughs; thence, upstream to the intersection of Montezuma Slough with the western boundary of the Delta as delineated in section 12220 of the State of California's Water Code of 1969; thence, following the boundary and including all contiguous water bodies contained within the statutory definition of the Delta, to its intersection with the San Joaquin River at its confluence with Suisun Bay; thence, westerly along the south shore of Suisun Bay to the Carquinez Bridge.

NOTE: Map follows:
§ 17.95

Primary Constituent Elements—physical habitat, water, river flow, and salinity concentrations required to maintain delta smelt habitat for spawning, larval and juvenile transport, rearing, and adult migration.

**BIG SPRING SPINEDACE** (*Lepidomeda mollispinis pratensis*)

Nevada: Condor Canyon, Lincoln County. Four stream miles of Meadow Valley Wash and 50 feet on either side of the stream as it flows through the following sections: T. 1 S., R. 68 E., Sections 13, 23, 24, 26, 27, and 28.
Known constituent elements include clean permanent flowing spring-fed stream with deep pool areas and shallow marshy areas along the shore and the absence of exotic fishes.

**NOTE:** Map follows:

1. Coconino County. East Clear Creek; approximately 18 miles of stream extending from the confluence with Leonard Canyon (NE 1/4 Sec. 11 T14N R12E) upstream to the Blue Ridge Reservoir dam (SE 1/4 Sec. 33 T14N R11E), and approximately 13 miles of stream extending from the upper end of Blue Ridge Reservoir (east boundary SE 1/4 Sec. 36 T14N R10E) upstream to Potato Lake (NE 1/4 Sec. 1 T12N R9E).

2. Navajo County. Chevelon Creek; approximately 8 miles of stream extending from the confluence with the Little Colorado River (NW 1/4 Sec. 23 T18N R17E) upstream to Bell Cow Canyon (SE 1/4 of the SW 1/4 Sec. 11 T17N R17E).

3. Apache County. Nutrioso Creek; approximately 5 miles of stream extending from the Apache-Sitgreaves National Forest boundary (north boundary Sec. 5 T18N R30E) upstream
§ 17.95

to the Nelson Reservoir dam (NE ¼ Sec. 29 T8N R30E).

Constituent elements, for all areas of critical habitat, include clean, permanent flowing water, with pools and a fine gravel or silt-mud substrate.

**White River Spinedace (Lepidomeda albivallis)**

Nevada, White Pine County. Each of the following springs and outflows plus surrounding land areas for a distance of 50 feet from these springs and outflows:

- Preston Big Spring and associated outflows within T12N, R61E, NE ¼ Sec. 2.
- Lund Spring and associated outflows within T12N, R62E, NE ¼ of NE¼ of Sec. 4; T12N, R62E, S ½ of SE¼ Sec. 32.

**Flag Springs and associated outflows plus surrounding land areas for a distance of 50 feet from the springs and outflows within the following areas:** T7N, R62E, E ½ of NE ¼ Sec. 32, SW ½ of NW¼ Sec. 33.

**White River Springfish (Crenichthys baileyi grandis)**

Nevada, Lincoln County. Each of the following springs and outflows plus surrounding land areas for a distance of 50 feet from these springs and outflows:

- Hiko Spring and associated outflows within T4S, R60E, SW¼ of NE¼ Sec. 14 and NW¼ of SE¼ Sec. 33.
Crystal Springs and associated outflows within T5S, R60E, all of NE¼ of Sec. 10 and NE¼ of SE¼ Sec. 10, SW¼ of NW¼ Sec. 11 and NW¼ of SW¼ Sec. 11.

NOTE: Map follows:

Known constituent elements include warmwater springs and their outflows and surrounding land areas that provide vegetation for cover and habitat for insects and other invertebrates on which the species feeds.

Railroad Valley Springfish (Crenichthys nevadae)

1. Nevada, Nye County, Duckwater area. Big Warm Spring and its outflow pools, streams, and marshes and a 50 foot riparian zone around the spring, outflow pools, streams, and marshes in T13N, R56E, NE¼ Sec. 31, SE¼ Sec. 31, NW¼ Sec. 32. Little Warm Spring and its outflow pools, streams, and marshes, and a 50-foot riparian zone around the spring, outflow pools, streams, and marshes in T12N, R55E, Sec. 5.

NOTE: Map follows:

Known constituent elements for all areas of critical habitat of the Railroad Valley springfish include clear, unpolluted thermal spring waters ranging in temperature from 29° to 36° C in pools; flowing channels; marshy areas with aquatic plants, insects, and mollusks.

White River Springfish (Crenichthys baileyi baileyi)

Nevada, Lincoln County. Ash Springs and associated outflows plus surrounding land areas for a distance of 50 feet from the springs and outflows within the following
areas: T6S, R60E, E½ of E⅓ Sec. 1 and T6S, R61E, NW¼ of NW¼ Sec. 6.  
NOTE: Map follows:

Known constituent elements include warmwater springs and their outflows and surrounding land areas that provide vegetation for cover and habitat or insects and other invertebrates on which the species feeds.

COLORADO SQUAWFISH (Ptychocheilus lucius)

Description of areas taken from BLM 1:100,000 maps (available from BLM State Offices): Canyon of Lodore, CO 1990; La Sal, UT/CO 1985; Rangely, CO 1989; Delta, CO 1989; Grand Junction, CO 1990; Hite Crossing, UT 1982; Vernal, UT/CO 1990; Craig, CO 1990; Bluff, UT/CO 1985; Moab, UT/CO 1985; Hanksville, UT 1982; San Rafael Desert, UT 1985; Huntington, UT 1982; Price, UT 1989; Farmington, NM 1991; Navajo Mountain, UT/AZ 1982. The 100-year floodplain for many areas is detailed in Flood Insurance Rate Maps (FIRM) published by and available through the Federal Emergency Management Agency (FEMA). In areas where a FIRM is not available, the presence of alluvial soils or known high water marks can be used to determine the extent of the floodplain. Only areas of floodplain containing constituent elements are considered critical habitat.

Colorado: Moffat County. The Yampa River and its 100-year floodplain from the State Highway 394 bridge in T.6N., R.91W., sec. 1 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.93W., sec. 16 (8th Principal Meridian).  
Utah: Uintah, Carbon, Grand, Emery, Wayne, and San Juan Counties; and Colorado: Moffat County. The Green River and its 100-year floodplain from the Gunnison River and its 100-year floodplain from the Uncompahgre River in T.1S., R.12E., sec. 27 (Salt Lake Meridian).  

Utah: San Juan County. The San Juan River and its 100-year floodplain from the State Route 371 Bridge in T.20N., R.13W., sec. 17 (New Mexico Meridian) to Neskahai Canyon in the San Juan arm of Lake Powell in T.41S., R.11E., sec. 26 (Salt Lake Meridian) up to the full pool elevation.

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.
Known constituent elements of the critical habitat include one to three feet of high quality water constantly flowing over a clean, unsilted gravel substrate. Larval June suckers require shallow areas with low velocities connected to the main channel of the river.

**Modoc Sucker** (*Catostomus microps*)

*California, Modoc County.*

1. **Turner Creek.** Approximately 4.5 stream miles and 50 feet on either side of the stream channel from the juncture of Turner Creek with the Pit River upstream to T42N, R8E, Section 20; including those areas of the stream channel in T41N, R8E, Sections 1 and 2; and in T42N, R8E, Sections 21, 27, 28, 34, and 35.

2. **Washington Creek.** Approximately 4 stream miles and 50 feet on either side of the stream channel from the juncture of Washington Creek with Turner Creek to T42N, R8E, Section 11; including those areas of the stream channel in T42N, R8E, Sections 14, 23, 24, 25, 26, and 35. Also Coffee Mill Gulch, a tributary of Washington Creek, for approximately 1.5 miles and 50 feet on either side of the stream channel from the juncture of Washington Creek with Turner Creek upstream to T42N, R8E, Section 22; including those areas of the stream channel in T42N, R8E, Sections 22, 23, and 26.

3. **Hulbert Creek.** Approximately 3.5 stream miles and 50 feet on either side of the stream channel from the juncture of Hulbert Creek with Turner Creek upstream to T42N, R8E, Section 31; including those areas of the stream channel in T42N, R8E, Sections 29, 30, 32, 33, 34, and 35; and Cedar Creek, a tributary of Hulbert Creek, for approximately 1.5 stream miles and 50 feet on either side of the stream channel from the juncture of Cedar Creek with Hulbert Creek upstream to Cedar Spring; including those areas of the stream channel in T42N, R8E, Section 4; and in T42N, R8E, Section 33.

4. **Johnson Creek.** Approximately 4 stream miles and 50 feet on either side of the stream channel from the juncture of Johnson Creek with Rush Creek upstream to T40N, R10E, Section 6; including those areas of the stream channel in T40N, R9E, Sections 1, 11, 12, 14, 23, and 24. Also in unnamed tributary of Johnson Creek in Rice Flat, for approximately 1 stream mile and 50 feet on either side of the stream channel from the juncture of this tributary with Johnson Creek upstream to T40N, R9E, Section 10; including those areas of the stream channel in T40N, R9E, Sections 11 and 14. Also in unnamed tributary of Johnson Creek in Higgins Flat, for approximately 1 stream mile and 50 feet on either side of the stream channel from the juncture of this tributary with Johnson Creek upstream to T40N, R9E, Section 10; including those areas of the stream channel in T40N, R9E, Sections 14 and 35.

5. **Rush Creek.** Approximately 5 stream miles and 50 feet on either side of the stream channel from the gauging station at the State Route 299 crossing upstream to T40N, R10E, Section 16; including those areas of the stream channel in T40N, R9E, Sections 24, 25, 26, 35, and 36; and in T40N, R10E, Sections 17, 18, and 19.

**NOTE:** Map follows.
Known constituent elements include intermittent and permanent-water creeks, and adjacent land areas that provide vegetation for cover and protection from soil erosion.

**RAZORBACK SUCKER (Xyrauchen texanus)**

Description of areas taken from BLM 1:100,000 scale maps (available from BLM State Offices): Rangely, CO 1989; Canyon of Lodore, CO 1981; Hite Crossing, UT 1982; Glenwood Springs, CO 1988; Grand Junction, CO 1990; Delta, CO 1989; Rifle, CO 1983; Yuma, AZ/CA 1986; Safford, AZ 1991; Globe, AZ 1980; Clifton, AZ/NM 1975; Prescott, AZ 1982; Theodore Roosevelt Lake, AZ 1982; Grand Canyon, AZ 1980; Mt. Trumbull, AZ 1979; Boulder City, NV/CA 1978; Blythe, CA 1976; Trigo Mountains, AZ/CA 1988; Sedona, AZ 1982; Payson, AZ 1988; and U.S. Forest Service map: Tonto National Forest, Phoenix, AZ. The 100-year flood plain for many areas is detailed in Flood Insurance Rate Maps (FIRM) published by and available through the FEMA. In areas where a FIRM is not available, the presence of alluvium soils or known high water marks can be used to determine the extent of the flood plain. Only areas of flood plain containing constituent elements are considered critical habitat.

**Colorado: Moffat County. The Yampa River and its 100-year flood plain from the mouth of Cross Mountain Canyon in T.9N., R.103W., sec. 23 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).**

**Utah: Uintah County and Colorado: Moffat County. The Green River and its 100-year flood plain from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to Sand Wash in T.11S., R.18E., sec. 20 (6th Principal Meridian).**

**Utah: Uintah, Carbon, Grand, Emery, Wayne, and San Juan Counties. The Green River and its 100-year flood plain from Sand Wash at T.11S., R.18E., sec. 20 (6th Principal Meridian) to the confluence with the Colorado River in T.30S., R.19E., sec. 7 (6th Principal Meridian).**

**Utah: Uintah County, The White River and its 100-year flood plain from the boundary of the Uintah and Ouray Indian Reservation at river mile 18 in T.9S., R.2E., sec. 21 (Salt Lake Meridian) to the confluence with the Green River in T.9S., R.20E., sec. 4 (Salt Lake Meridian).**

**Utah: Uintah County. The Duchesne River and its 100-year flood plain from river mile 2.5 in T.4S., R.3E., sec. 30 (Salt Lake Meridian) to the confluence with the Colorado River in T.33S., R.11E., sec. 26 (Salt Lake Meridian).**

**New Mexico: San Juan County; and Utah: San Juan County. The San Juan River and its 100-year flood plain from the Hogback Diversion in T.29N., R.18W., sec. 9 (New Mexico Meridian) to the full pool elevation at the mouth of Neskahai Canyon on the San Juan arm of Lake Powell in T.41S., R.11E., sec. 26 (Salt Lake Meridian).**

**Arizona: Coconino and Mohave Counties; and Nevada: Clark County. The Colorado River and its 100-year flood plain from the confluence with the Paria River in T.40N., R.7E., sec. 24 (Gila and Salt River Meridian) to Hoover Dam in T.30N., R.25E., sec. 3 (Gila and Salt River Meridian) including Lake Mead to the full pool elevation.**

**Arizona: Mohave County; and Nevada: Clark County. The Colorado River and its 100-year flood plain from Hoover Dam in T.40N., R.7E., sec. 24 (Gila and Salt River Meridian) to Lake Mead in T.30N., R.25E., sec. 3 (Gila and Salt River Meridian) including Lake Mead to the full pool elevation.**
T.30N., R.23W., sec. 1 (Gila and Salt River Meridian) to Davis Dam in T.22N., R.21W., sec. 18 (Gila and Salt River Meridian) including Lake Mohave to the full pool elevation. Arizona: La Paz and Yuma Counties; and California: San Bernardino, Riverside, and Imperial Counties. The Colorado River and its 100-year flood plain from Parker Dam in T.11N., R.18W., sec. 16 (Gila and Salt River Meridian) to Imperial Dam in T.6S., R.22W., sec. 25 (Gila and Salt River Meridian) including Imperial Reservoir to the full pool elevation or 100-year flood plain, whichever is greater.

Arizona: Graham, Greenlee, Gila, and Pinal Counties. The Gila River and its 100-year flood plain from the Arizona-New Mexico border in T.8S., R.32E., sec. 34 (Gila and Salt River Meridian) to Coolidge Dam in T.3S., R.3E., sec. 17 (Gila and Salt River Meridian), including San Carlos Reservoir to the full pool elevation.


Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.

WARNER SUCKER (Catostomus warnerensis)

Oregon: Lake County.

1. Twelvemile Creek—Approximately 4 stream miles and 50 feet on either side of the stream commencing at the confluence of Twelvemile Creek and Twentymile Creek and extending upstream, and including those portions of Twelvemile Creek in T.40S., R.23E., Section 35, and T.41S., R.23E., Sections 1, 2, 12, 13, 23, and 24.

2. Twentymile Creek—Approximately 18 stream miles and 50 feet on either side of the stream commencing about 9 miles upstream of the junction of Twelvemile and Twentymile Creeks and extending to a point about 9 miles downstream of the junction, and including those portions of Twentymile Creek in T.40S., R.22E., Sections 25, 35, and 36; T.40S., R.23E., Sections 19, 20, 24, 25, 28, 29, 30, 33, 34, 35, and 36; T.40S., R.24E., Sections 15, 16, 19, 20, 21, 22, 28, 29, 30, and T.41S., R.23E., Sections 2 and 3.

NOTE: Map follows:

3. Spillway Canal north of Hart Lake—Approximately 2 stream miles and 50 feet on either side of the waterway commencing at its confluence with Hart Lake and extending to a point about 2 miles downstream, and including those portions of the waterway in T.36S., R.24E., Sections 7, 8, and 9.

4. Snyder Creek—Approximately 3 stream miles and 50 feet on either side of the stream commencing at the confluence of Snyder Creek and Honey Creek and extending to a point about 3 miles upstream on Snyder Creek, and including those portions of Snyder Creek in T.36S., R.22E., Sections 1 and 12; and T.36S., R.23E., Sections 7, 17, and 18.

5. Honey Creek—Approximately 16 stream miles and 50 feet on either side of the stream commencing at the confluence of Honey Creek with Hart Lake and extending to a point about 16 miles upstream on Honey Creek, and including those portions of Honey Creek in T.36S., R.24E., Sections 19, 20, 27, 28, 29, 30, 33, 34, and 35; T.36S., R.23E., Sections 17, 18, 20, 21, 22, 23, 24, 26, 27, and 28; and T.36S., R.22E., Sections 13, 14, 15, and 16.

NOTE: Map follows:
Constituent elements of all areas proposed as critical habitat include streams 15 feet to 60 feet wide with gravel-bottom shoal and riffle areas with intervening pools. Streams should have clean, unpolluted flowing water and a stable riparian zone. The streams should support a variety of aquatic insects, crustaceans, and other small invertebrates for food.

**Little Kern Golden Trout** *(Salmo aquabonita whitei)*

California, Tulare County. Little Kern River, main channel and all streams tributary to the Little Kern River above barrier falls located on the Little Kern River one mile below the mouth of Trout Meadows Creek.

**Kentucky Cave Shrimp** *(Palaemonias ganteri)*

Kentucky, Edmonson County: The Roaring River passage of the Flint-Mammoth Cave System in Mammoth Cave National Park.

**Known constituent elements include a stream in a base level cave passage with abundant organic material and sediments.**
consisting of coarse silt and very coarse to very fine sand.

(i) Insects.

**DELTA GREEN GROUND BEETLE** *(Elaphrus viridis)*

California. Solano County. T.5N. R.1E. West 1/2 Sec. 12, southwest 1/4 Sec. 13, southeast 1/4 Sec. 14, northeast 1/4 Sec. 23, northwest 1/4 Sec. 24.

**NOTE:** Map follows:

**VALLEY ELDERBERRY LONGHORN BEETLE** *(Desmocerus californicus dimorphus)*

California, Sacramento County.

(1) Sacramento Zone. An area in the city of Sacramento enclosed on the north by the Route 160 Freeway, on the west and southwest by the Western Pacific railroad tracks, and on the east by Commerce Circle and its extension southward to the railroad tracks.

**NOTE:** Map follows:

**OREGON SILVERSPOT BUTTERFLY** *(Speyeria zerene hippolyta)*

Oregon. Lane County T. 16 S., R. 12 W. Those portions of section 15 and of the south
half of section 10 which are west of a line parallel to, and 1500 feet west of, the eastern section boundaries of sections 10 and 15.

NOTE: Map follows:

Constituent biological elements essential to the continued existence of the Oregon silverspot butterfly within the Critical Habitat include the larval foodplant (Viola adunca), grasses and forbs in which the larvae find shelter, the composite plants from which the adults obtain nectar, and the spruce woods in which the adults find shelter.

**Palos Verdes Blue Butterfly**
*(Glaucopsyche lygdamus palosverdesensis)*

California, Los Angeles County.

1. Agua Amarga Canyon Zone. Palos Verdes Estates. A square area of land 0.4 x 0.4 kilometers located at the southeast corner of the southernmost corporate boundary of Palos Verdes Estates.

2. Frank Hesse Park Zone. Rancho Palos Verdes. An area enclosed by Hawthorne Boulevard, Locklenna Lane, and Verde Drive.

NOTE: Map follows:

3. Palos Verdes Drive Zone. Rancho Palos Verdes. The Switchback area of Palos Verdes Drive East, bounded by a line connecting the two eastern curves, a line parallel to and 0.3 kilometers southwest of this line, and the upper and lower portions of Palos Verdes Drive East.

NOTE: Map follows:

Within these Critical Habitat areas, the known biological constituent elements essential to the conservation of this species are colonies of the larval foodplant, Astragalus trichopodus leucopsis.

**Ash Meadows Naucorid** *(Ambrysus amargosus)*

Nevada, Nye County, Point of Rocks Springs and their immediate outflows in SE¼ sec. 7, T 18S, R 51E.
Known primary constituent elements include flowing warm water over rock and gravel substrate.

NOTE: Map follows:

[42 FR 47840, Sept. 22, 1977]

EDITORIAL NOTE: For Federal Register citations affecting §17.95, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 17.96 Critical habitat—plants.

(a) Flowering plants.
Family Asclepiadaceae—Asclepias welshii (Welsh's milkweed). Utah, Kane County: entire Coral Pink Sand Dunes, within T43S, R7W and R8W, and T44S, R8W about 10 miles west of Kanab; also, the area of the Sand Hills, about 10 miles north of Kanab, within T42S, R6W, Section 8 (S 1⁄2 of the N 1⁄2 and N 1⁄2 of the S 1⁄2). The constituent elements of this critical habitat are the sand dunes themselves.

NOTE: Map follows:

Family Asteraceae—Enceliopsis nudicaulis var. corrugata (Ash Meadows sunray). Nevada, Nye County, Ash Meadows: SW 1⁄4SE 1⁄4 sec. 15, SW 1⁄4NE 1⁄4 and W 1⁄4SE 1⁄4 sec. 21, NW 1⁄4NE 1⁄4 sec. 22, E 1⁄2SE 1⁄4 sec. 34, SW 1⁄4NE 1⁄4, S 1⁄2NW 1⁄4, SW 1⁄4, and W 1⁄4SE 1⁄4 sec. 35, T17S, R50E, SE 1⁄4 sec. 20, T17S, R51E, NW 1⁄4, SW 1⁄4, and W 1⁄4SE 1⁄4 sec. 1, E 1⁄2NE 1⁄4, SW 1⁄4NW 1⁄4, NW 1⁄4SW 1⁄4, and E 1⁄2SE 1⁄4 sec. 2, NE 1⁄4NW 1⁄4, 12, E 1⁄2SW 1⁄4 and W 1⁄4SE 1⁄4 sec. 33, T18S, R50E, SW 1⁄4SE 1⁄4 sec. 7, NW 1⁄4NE 1⁄4 and SE 1⁄4SW 1⁄4 sec. 18, T18S, R51E.

Known primary constituent elements include dry washes or whitish saline soil associated with outcrops of pale whitish limestone.

NOTE: Map follows:

Family Asteraceae—Grindelia fraxinopratensis (Ash Meadows gumplant). California, Inyo County, Ash Meadows: NE 1⁄4,
§ 17.96

E¹/₄NW¹/₄, SW¹/₄NW¹/₄, N¹/₂SW¹/₂, and NW¹/₂SE¹/₄ sec. 30, T 26N, R 6E.

Nevada, Nye County, Ash Meadows: SE¹/₄NW¹/₄ sec. 26, W¹/₂SW¹/₂NE¹/₄ and W¹/₂NW¹/₂SE¹/₄ sec. 33, W¹/₂NW¹/₂, SW¹/₂SW¹/₂, E¹/₂SE¹/₂, and W¹/₂SE¹/₂ sec. 35, T 27S, R 10E, N¹/₂SW¹/₂ sec. 1, N¹/₂NW¹/₂ sec. 2, NE¹/₄NE¹/₄ and NW¹/₂NW¹/₂ sec. 3, SW¹/₂NE¹/₄, SE¹/₄NW¹/₄, NE¹/₂SW¹/₂, and NW¹/₂SE¹/₂ sec. 4; W¹/₂NE¹/₄ and NW¹/₂SE¹/₂ sec. 5, NW¹/₄NE¹/₄ sec. 7, NE¹/₂SE¹/₄ sec. 10, W¹/₂NW¹/₂ and NW¹/₂SW¹/₂ sec. 11, SW¹/₂NE¹/₄ and E¹/₂SE¹/₄ sec. 14; SW¹/₂NW¹/₂, SW¹/₂SE¹/₄, W¹/₂SW¹/₂, and SE¹/₂SW¹/₂ sec. 20 northeast of the Nevada-California boundary, E¹/₂NE¹/₄ and E¹/₂SE¹/₄ sec. 23, W¹/₂SW¹/₂ sec. 24, NW¹/₄NE¹/₄ sec. 29 northeast of the Nevada-California boundary, T 18S, R 30E, SW¹/₂NW¹/₂ and NW¹/₂SW¹/₂ sec. 18, T 18S, R 30E.

Known primary constituent elements include saltgrass meadows along streams and pools or drier areas with alkali clay soils.

NOTE: Map follows:

Family Asteraceae: Senecio franciscanus (San Francisco Peaks groundsel).

Arizona: Coconino County; Coconino National Forest, Agassiz Peak and Humphreys Peak, T 22N, R 7E. N¹/₂ of NW¹/₂ Sec. 5 T 23N, R 10, W¹/₂ Section 32 and W¹/₂ Section 29. Primary constituent elements are the loose cinder talus slopes of the alpine tundra system of the San Francisco Peaks and absence of disturbance and damage from hikers.

NOTE: Map follows:

Family Asteraceae: Stephanomeria malheurensis (Malheur wire-lettuce). Oregon, Harney County; the lands west of State Highway 205 within the SE ¹/₄ of the NE ¹/₄ and the NE ¹/₄ of the SE ¹/₄, Section 11; and the W ¹/₂ of the SW ¹/₄ of the NW ¹/₂, and the SW ¹/₂ of the NE ¹/₄ of the SW ¹/₂, and the NW ¹/₂ of the SW ¹/₂, Section 12, T 27S, R 30E, Willamette Meridian.

NOTE: Map follows:

Boraginaceae: Amsinckia grandiflora (large-flowered fiddleneck). California, San Joaquin County, Mount Diablo Meridian, T 35 R 4E Section 28 W¹/₂ NW¹/₂ and W¹/₂ SW¹/₂. This includes the known primary constituent elements of a steep, west- and south-facing slope with light textured but stable soils.
Family Brassicaceae: Erysimum capitatum var. angustatum (Contra Costa Wallflower). California. An area of land, water, and airspace in Contra Costa County, with the following components: T. 2 N. R. 2 E. SW 1/4 section 17, E 1/2 of S 1/2 of section 18.

Family Chenopodiaceae: Nitrophila mohavensis (Amargosa niterwort). California, Inyo County, Ash Meadows: W 1/2 sec. 5, E 1/2 sec. 6, NE 1/4 and E 1/4NW 1/4 sec. 7, NW 1/4 sec. 8, T 25N, R 6E.

Known primary constituent elements include salt-encrusted alkaline flats.

Family Cistaceae: Hudsonia montana (Mountain golden heather) North Carolina; Burke County; the areas bounded by the following: on the west by the 2200′ contour; on the east by the Linville Gorge Wilderness Boundary north from the intersection of the 2200′ contour and the Shortoff Mountain Trail to where it intersects the 3400′ contour at “The chimneys”—then following the 3400′ contour north until it reintersects the Wilderness Boundary—then following the Wilderness Boundary again northward until it intersects the 3200′ contour extending west from its intersection with the Wilderness Boundary until it begins to turn south—at this point the Boundary extends due east until it intersects the 2200′ contour.
Family Cyperaceae: Carex specuicola (Navajo sedge)

Arizona: Coconino County; Navajo Indian Reservation. A 40 x 5 meter rectangular area, with its long axis in the direction of seep-spring flow, around each of the following points: (1) Latitude 36°39'53" N, longitude 110°47'18" W; (2) latitude 36°40'07" N, longitude 110°47'55" W; and (3) latitude 36°40'18" N, longitude 110°48'15" W. Primary constituent elements include moist sandy to silty soils at shady seep-springs within the Navajo Sandstone Formation.

NOTE: Map follows:
Family Fabaceae: Astragalus montii (Heliotrope milk-vetch). Utah, Sanpete County, western Heliotrope Mountain. T19S R4E, Sec. 34, SE ¼ of SW ¼ of SE ¼ of NW ¼; S ½ of SE ¼ of SE ¼ of NW ¼; NE ¼ of NW ¼ of NE ¼ of SW ¼; NE ¼ of NE ¼ of SW ¼; E ½ of SE ¼ of NE ¼ of SW ¼; NE ¼ of NW ¼ of SE ¼ of SW ¼; S ½ of NW ¼ of SE ¼ of SW ¼; NW ½ of SE ¼ of SW ¼; N ½ of SW ¼ of SE ¼ of SW ¼; SW ½ of SW ¼ of SE ¼ of SW ¼; W ½ of SE ¼ of NW ¼ of SE ¼; NW ¼ of NW ¼ of SE ¼ of SW ¼; W ½ of SE ¼ of SW ¼ of SW ¼; S ¼ of NW ¼ of SW ¼; E ½ of SW ¼ of SE ¼ of SW ¼; N ½ of SW ¼ of SE ¼ of SW ¼; The primary constituent element is the white limestone barrens of the Flagstaff Formation.

Family Fabaceae: Astragalus phoenix (Ash Meadows milk-vetch). Nevada, Nye County, Ash Meadows: W½NW¼ and SW¼SW¼ sec. 14, SW¼NE¼ and W½SE¼ sec. 21, NE½SE¼ sec. 22, NW¼ sec. 26, T17S, R50E. SW¼ and W½SE¼ sec. 1, NW¼NE¼ and NE½NW¼ sec. 12, SW¼SW¼ sec. 13, W½NW¼ sec. 24, T18S, R50E. SE¼SW¼ and SW½SE¼ sec. 7, NW¼NW¼ and E½SW¼ sec. 18, NE½NW¼ sec. 19, T18S, R51E.
Known primary constituent elements include dry, hard, white, barren, saline, clay flats, knolls, and slopes.

**Note:** Map follows:

**Family Gentianaceae:** Centaurium namophilum (spring-loving centaury). Nevada, Nye County, Ash Meadows: SW¼NE¼, SE¼NW¼, E½SW¼, and W½SE¼ sec. 21; W½NW¼ sec. 23, NW¼NE¼ and NE¼NW¼ sec. 28, SE¼SE¼ sec. 34, SW¼SW¼ and E½SW¼ sec. 35, T17S, R50E, SW¼ sec. 1, NE¼NW¼ and W½NW¼ sec. 2, E½NE¼ sec. 3, NE¼ sec. 7, SE¼SE¼ sec. 23, SE¼SW¼ sec. 24, T18S, R50E, NW¼E¼ sec. 7, S½NW¼ and SW¼ sec. 18, NW¼ and NE¼SE¼ sec. 19, E½SW¼ sec. 20, N½NW¼ sec. 29, NE¼NW¼ sec. 30, T18S, R51E.

Known primary constituent elements include moist to wet clay soils along banks of streams or in seepage areas.

**Note:** Map follows:

**Family Lamiaceae:** Hedeoma todsenii (Todsens pennyroyal). New Mexico; Sierra County; the Critical Habitat of Hedeoma todsenii is best defined by two one-square kilometer sections on the 1000 m² Universal Transverse Mercator Grid, Zone 13. The more northern critical habitat lies between 76 and 77,000 m N and 39 and 40,000 m E. The southern area lies between 74 and 75,000 m N and 40 and 41,000 m E. Gypsum limestone soils.

**Note:** Map follows:

**Family Loasaceae:** Mentzelia leucophylla (Ash Meadows blazing star). Nevada, Nye County, Ash Meadows: SW¼SW¼ sec. 15, S½NE¼, N½SE¼, and SW¼SE¼ sec. 21, NW¼NW¼, S½NW¼, and NE¼SE¼ sec. 22, NW¼SW¼ sec. 23, NW¼NE¼ sec. 28.
SE ¼ SW ¼ and SE ¼ sec. 35, SW ¼ SW ¼ sec. 36, T17S, R50E. NW ¼ NW ¼, SW ¼ SW ¼, and E ½ SW ¼ sec. 1, NE ½ NE ¼ and S ½ SE ¼ sec. 2, N½ NE ¼ sec. 11, NW ¼ sec. 12, T18S, R50E.

Known primary constituent elements include sandy or saline clay soils along canyon washes and near springs and seeps.

NOTE: Map follows:

Malvaceae: Kokia drynarioides (koki'o), Hawaii, Island and County of Hawaii, North Kona District, three areas totaling approximately 2,600 acres.

1. Ka'upulehu Ahupua'a area, bounded as follows: from a point of origin at Universal Transverse Mercator (UTM) coordinate 929980 near or on the west boundary of the Ka'upulehu 1800-1801 lava flow (approximately at intersection of said west boundary and 2600 ft elevation contour); thence west southerly approximately 854 ft to UTM coordinate 914875 (also near 2600 ft elevation contour); thence north northwesterly approximately 1987 ft to UTM coordinate 909899 (near 1400 ft elevation contour); thence east northeasterly approximately 376 ft to UTM coordinate 913900 (also near the 1400 ft elevation contour); then south southeasterly approximately 720 ft to UTM coordinate 916891; thence east northeasterly approximately 320 ft to UTM coordinate 920892 (near the said west boundary of the 1800-1801 lava flow); then south southeasterly approximately 1140 ft to the point of origin. Included in this area is Ka'upulehu Forest Reserve, Section B.

NOTE: Map follows:

2. Ka'upulehu Ahupua'a and Pu'uwa'awa'a Ahupua'a boundary area, identified as follows: An unnamed kipuka (discontinuity) in 1800-1801 lava that straddles the boundary between Ka'upulehu and Pu'uwa'awa'a Ahupua'a and also crosses Mamalahoa Highway between 2400 and 1000 feet of elevation. Excluded is a small tongue of the said kipuka that extends south of UTM coordinate 941885 at approximately 2400 ft of elevation and above. UTM coordinate 931924 marks the low elevation end of the said kipuka.

NOTE: Map follows:

3. Pu'uwa'awa'a Ahupua'a area, identified as follows: Halepulea 3, Waimea Paddock of Pu'uwa'awa'a Ranch, which lies south of (upslope) and abuts Mamalahoa Highway just east of the boundary between Ka'upulehu and Pu'uwa'awa'a Ahupua'a.
§ 17.96

East boundary of the 1800-1801 Ka'upulehu lava flow is the west boundary of the paddock. The paddock corners are near UTM coordinates 948901 (NW), 985909 (NE) 973886 (SE), and 971879 (SW).

NOTE: Map follows:

Primary constituent elements of critical habitat are appropriate soil type, climate, protection from grazing damage, protection from aggressive exotic weeds, and presence of suitable pollinators.

Family Onagraceae: Oenothera deltoides ssp. howellii (Antioch Dunes Evening-Primrose). California. An area of land, water, and airspace in Contra Costa County with the following components: T. 2 N. R. 2 E. SW¼ section 17, E¼ of S¼ of section 18.

NOTE: Map follows:

Probable primary constituent elements include: Exposure to strong sunlight; low rainfall; exposure to sea spray; and presence of gravelly, basalt-derived soil.

NOTE: Map follows:

Family Poaceae: Panicum faurei var. carteri (Carter's panicgrass) Hawaii: City and County of Honolulu: Entire Island of Mokoli'i (see map).

Family Poaceae: Panicum faurei var. carteri (Carter's panicgrass) Hawaii: City and County of Honolulu: Entire Island of Mokoli'i (see map).

Family Poaceae: Zizania texana (Texas Wild-Rice) Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream to its confluence with the Blanco River.

NOTE: Map follows:

Family Poaceae: Zizania texana (Texas Wild-Rice) Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream to its confluence with the Blanco River.

NOTE: Map follows:

Family Polygonaceae: Eriogonum gypsophilum (Gypsum Wild Buckwheat) New Mexico; Eddy County; T 20S, R 25E, Section 19. N¼, N½ NE¼ SE¼, N½ NW¼ SE¼; and T 20S, R 24E, Section 24: N½ NE¼, N½ S½ NE¼, NE¼ NW¼, N½ SE¼ NW¼; gypsum soils.

NOTE: Map follows:
Family Polygonaceae: *Eriogonum pelinophilum* (clay-loving wild-buckwheat). Colorado, Delta County. About 3 miles east of Austin near Highway 92. T14S, R94W 6th P.M. Section 26—west 225 feet of Section 26 lying south of State Highway 92 (5.6 acres). Section 27—that part of the SE ¼ SE ¼ lying south of State Highway 92 (35.6 acres). Section 34—an area bounded by a line beginning at the northeast corner of Section 34, thence south along the section line 200 feet to a point; thence southwesterly to a point 1050 feet south and 550 feet west of the northeast corner of Section 34; thence southwesterly to a point 700 feet north and 900 feet east of center ¼ corner of Section 34; thence westerly 900 feet to the north-south ¼ line; thence northerly 600 feet along the ¼ line to a point; thence northeasterly to a point of the east ¼ line; thence northerly along the east ¼ line 300 feet to the north section line of Section 34; thence easterly along the north section line to the point of beginning (65.0 acres). Section 25—north 200 feet of the west 225 feet (1.0 acres). Section 27—west 200 feet of Section 27 lying south of State Highway 92 (4.3 acres). Section 28—east 400 feet of Section 28 lying south of State Highway 92 (8.3 acres). Total 119.8 acres. The primary constituent elements include those factors associated with the whitish alkaline clay soils within the sparsely vegetated badlands of Mancos shale.

**NOTE:** Map follows:

Family Rhamnaceae: *Gouania hillebrandii*. Hawaii, Maui County, Maui Island, Lahaina District, two zones located as follows:

(1) Pa'upa'u Zone, Ahupua'a of Kuia. The following Universal Transverse Mercator (UTM) designations form the corners of the quadrangular Pa'upa'u habitat area:

- NW: 0744123121
- NE: 0744723122
- SW: 0744223118
- SE: 0744723117

**NOTE:** Map follows:

(2) Lihau Zone, Ahupua'a of Kuia. This zone consists of three circular areas having radii of 0.1 mile on the western slopes of
Lihau Mountain, one centered at Pu'u Hipa (near UTM 0746823070), one at UTM 0747723063, and the third at UTM 0747223059.

NOTE: Map follows:

Primary constituent habitat elements are considered to be climatic and edaphic factors that discourage introduced plant competitors and insect pests, and freedom from unrestricted browsing and trampling by domestic or feral livestock.

Family Rosaceae—Invesia kingii var. eremica (Ash Meadows invesia). Nevada, Nye County, Ash Meadows: S\(\frac{1}{4}\)NE\(\frac{1}{4}\) and W\(\frac{1}{4}\)SW\(\frac{1}{4}\) sec. 21, S\(\frac{1}{2}\)SW\(\frac{1}{2}\) and SW\(\frac{1}{4}\)SE\(\frac{1}{4}\) sec. 35, T17S, R50E. SW\(\frac{1}{4}\) sec. 1, N\(\frac{1}{2}\)NW\(\frac{1}{2}\) and SW\(\frac{1}{4}\)SW\(\frac{1}{4}\) sec. 2, NE\(\frac{1}{4}\)NE\(\frac{1}{4}\) sec. 3, NW\(\frac{1}{4}\)NE\(\frac{1}{4}\) sec. 12, N\(\frac{1}{2}\)NE\(\frac{1}{4}\) and SE\(\frac{1}{4}\)NE\(\frac{1}{4}\) sec. 23, N\(\frac{1}{2}\)NW\(\frac{1}{2}\), SW\(\frac{1}{4}\)NW\(\frac{1}{4}\), and NW\(\frac{1}{4}\)SW\(\frac{1}{4}\) sec. 24, T18S, R50E.

Known primary constituent elements include saline seep areas of light colored clay uplands.

NOTE: Map follows:

Family Rosaceae: Potentilla robbinsiana (Robbins cinquefoil). New Hampshire, Coos County; the area is a strip of land 4,066 feet long and 450 feet wide with east and west boundaries running parallel to Trail A (see map); starting at the north junction of Trail A and B and ending at their southern junction with two-thirds of the strip (300 ft.) lying to the east and south of Trail A and with one-third (150 ft.) lying to the west and north of Trail A.

NOTE: Map follows:

[43 FR 39043, Aug. 31, 1978]

EDITORIAL NOTE: For Federal Register citations affecting §17.96, see the List of CFR Sections Affected in the Finding Aids section of this volume.
§ 17.100 Purpose.
This subpart provides a means for establishing manatee protection areas without waters under the jurisdiction of the United States, including coastal waters adjacent to and inland waters within the several States, within which certain waterborne activities will be restricted or prohibited for the purpose of preventing the taking of manatees.

§ 17.101 Scope.
This subpart applies to the West Indian manatee (Trichechus manatus), also known as the Florida manatee and as the sea cow. The provisions of this subpart are in addition to, and not in lieu of, other regulations contained in this chapter I which may require a permit or prescribe additional restrictions on the importation, exportation, transportation, or taking of wildlife, and the regulations contained in title 33, CFR, which regulate the use of navigable waters.

§ 17.102 Definitions.
In addition to definitions contained in the Acts, part 10 of this subchapter, and §17.3 of this part, and unless the context otherwise requires, in this subpart:


Authorized officer means any commissioned, warrant, or petty officer of the U.S. Coast Guard, or any officer or agent designated by the Director of the U.S. Fish and Wildlife Service, the Secretary of the Interior, the Secretary of Commerce, or the Secretary of the Treasury, or any officer designated by the head of a Federal or State agency which has entered into an agreement with the Secretary of the Interior, Secretary of Commerce, Secretary of the Treasury, or Secretary of Transportation to enforce the Acts, or any Coast Guard personnel accompanying and acting under the direction of a person included above in this definition;

Manatee protection area means a manatee refuge or a manatee sanctuary;

Manatee refuge means an area in which the Director has determined that certain waterborne activity would result in the taking of one or more manatees, or that certain waterborne activity must be restricted to prevent the taking of one or more manatees, including but not limited to a taking by harassment;

Manatee sanctuary means an area in which the Director has determined that any waterborne activity would result in a taking of one or more manatees, including but not limited to a taking by harassment;

Waterborne activity includes, but is not limited to, swimming, diving (including skin and scuba diving), snorkeling, water skiing, surfing, fishing, the use of water vehicles, and dredging and filling operations;

Water vehicle includes, but is not limited to, boats (whether powered by engine, wind, or other means), ships (whether powered by engine, wind, or other means), barges, surfboards, water skis, or any other device or mechanism the primary or an incidental purpose of which is locomotion on, across, or underneath the surface of the water.

§ 17.103 Establishment of protection areas.
The Director may, by regulation issued in accordance with 5 U.S.C. 553 and 43 CFR part 14, establish manatee protection areas whenever there is substantial evidence showing such establishment is necessary to prevent the taking of one or more manatees. Any regulation establishing a manatee protection area shall state the following information:

(a) Whether the area is to be a manatee sanctuary or refuge.

(1) If the area is to be a manatee sanctuary, the regulation shall state that all waterborne activities are prohibited.

(2) If the area is to be a manatee refuge, the regulation shall state which, if any, waterborne activities are prohibited, and it shall state the applicable restrictions, if any, on permitted waterborne activities.
§ 17.104 Prohibitions.

Except as provided in §17.105,
(a) Manatee sanctuary. It is unlawful for any person to engage in any waterborne activity within a manatee sanctuary.
(b) Manatee refuge. It is unlawful for any person within a particular manatee refuge to engage in any waterborne activity which has been specifically prohibited within that refuge, or to engage in any waterborne activity in a manner contrary to that permitted by regulation within that area.
(c) State law. It is unlawful for any person to engage in any waterborne activity prohibited by, or to engage in any waterborne activity in a manner contrary to that permitted by, any State law or regulation the primary purpose of which is the protection of manatees: Provided that such State law or regulation has been issued as part of a program which is determined to be in accordance with the Endangered Species Act of 1973, pursuant to section 7(c) of that Act (16 U.S.C. 1535(c)) or has been approved as consistent with the Marine Mammal Protection Act of 1972 in accordance with section 109 of that Act (16 U.S.C. 1379) and 50 CFR 18.53.1

§ 17.105 Permits and exceptions.

(a) The Director may issue permits allowing the permittee to engage in any activity otherwise prohibited by this subpart. Such permits shall be issued in accordance with the provisions of §17.22 of this part. Such permits shall be issued only for scientific purposes or for the enhancement of propagation or survival. All of the provisions of §17.22 shall apply to the issuance of such permits, including those provisions which incorporate other sections by reference. Compliance with this paragraph does not by itself constitute compliance with any applicable requirements of part 18.
(b) Any authorized officer may engage in any activity otherwise prohibited by this subpart if:
(1) The officer is acting in the performance of his or her official duties; and
(2) The activity is being conducted to directly protect any manatees, to enhance the propagation or survival of manatees, or is reasonably required to enforce the other provisions of this subpart.
(c) Any person may engage in any activity otherwise prohibited by this subpart if such activity is reasonably necessary to prevent the loss of life or property due to weather conditions or other reasonably unforeseen circumstances, or to render necessary assistance to persons or property.
(d) Any waterborne activity which would otherwise be prohibited by this subpart may be engaged in if it is conducted by or under a contract with a Federal agency and if the Secretary of Defense, in accordance with section 7(j) of the Endangered Species Act of 1973 (16 U.S.C. 1536(j)) makes a finding that such activity is necessary for reasons of national security. Such a finding must be made prior to the beginning of the activity or the designation of the protection area, whichever occurs later; except that in the case of an emergency establishment of a protection area under §17.106, the finding must be made within 10 days after the beginning of the activity or the designation of the protection area, whichever occurs later.

§ 17.106 Emergency establishment of protection areas.

(a) The Director may establish a manatee protection area under the provisions of paragraphs (b) and (c) of this section at any time he determines there is substantial evidence that there is imminent danger of a taking of one or more manatees, and that such establishment is necessary to prevent such a taking.

1EDITORIAL NOTE: Section 18.53 was removed at 48 FR 22456, May 18, 1983. See the note at part 18, subpart F.
(b) The establishment of a manatee protection area under this section shall become effective immediately upon completion of the following requirements:

(1) Publication of a notice containing the information required by §17.103 of this section in a newspaper of general circulation in each county, if any, in which the protection area lies; and

(2) Posting of the protection area with signs clearly marking its boundaries.

(c) Simultaneously with the publication required by paragraph (b) of this section, the Director shall publish the same notice in the Federal Register. If simultaneous publication is impractical, because of the time involved or the nature of a particular emergency situation, failure to publish notice in the Federal Register simultaneously shall not delay the effective date of the emergency establishment. In such a case, notice shall be published in the Federal Register as soon as possible.

(d) No emergency establishment of a protection area shall be effective for more than 120 days. Termination of an emergency establishment of a protection area shall be accomplished by publishing notice of the termination in the Federal Register and in a newspaper of general circulation in each county, if any, in which the protection area lies.

(e) Within 10 days after establishing a protection area in accordance with this section, the Director shall commence proceedings to establish the area in accordance with §17.103.

§17.107 Facilitating enforcement.

Water vehicles operating in manatee sanctuary or refuge waters are subject to boarding and inspection for the purpose of enforcing the Acts and these regulations.

(a) The operator of a water vehicle shall immediately comply with instructions issued by authorized officers to facilitate boarding and inspection of the water vehicle.

(b) Upon being approached by an authorized officer, the operator of a water vehicle shall be alert for signals conveying enforcement instructions.

(c) A water vehicle signaled for boarding shall:

(1) Guard channel 16, VHF-FM, if equipped with a VHF-FM radio;

(2) Stop immediately and lay to or maneuver in such a manner as to facilitate boarding by the authorized officer and his or her party;

(3) When necessary to facilitate the boarding, provide a safe ladder, manrope, safety line and illumination of the ladder; and

(4) Take such other actions as may be necessary to ensure the safety of the authorized officer and his or her party and to facilitate the boarding and inspection.

(d) It is unlawful for any person to assault, resist, oppose, impede, intimidate, or interfere with any authorized officer or member of his or her party.

§17.108 List of designated manatee protection areas.

(a) Manatee sanctuaries. The following areas are designated as manatee sanctuaries. All waterborne activities are prohibited in these areas during the period November 15–March 31 of each year. The areas which will be posted are described as follows:

(1) That part of Kings Bay, Crystal River, Citrus County, within T. 18 S., R. 17 E., Tallahassee Meridian; located in SW¼ fractional section 28, more particularly described as follows:

   Beginning at Corner 1 (N±1,653,459/E±308,915) Florida Coordinate System, West Zone, a point on the shoreline of Kings Bay near the southwest corner of Lot 9 as accepted on a plat by the Department of the Interior, General Land Office, dated January 10, 1928; thence easterly, along said shoreline, approximately 1240 feet to Corner 2 (N±1,653,762/E±309,641) a point; thence S. 56°58′11″ W., across open water, 776.49 feet to Corner 3 (N±1,653,339/E±308,990) a point; thence N. 32°03′07″ W., across open water, 142.26 feet to the point of beginning, containing 3.41 acres, more or less, to be known as the Banana Island Sanctuary.

(2) That part of Kings Bay, Crystal River, Citrus County, Florida, within T. 18 S., R. 17 E., Tallahassee Meridian; located in SW¼ fractional section 28, more particularly described as follows:

   Beginning at Corner 1 (N±1,653,459/E±308,915) Florida Coordinate System, West Zone, a point on the shoreline of Kings Bay near the southwest corner of Lot 9 as accepted on a plat by the Department of the Interior, General Land Office, dated January 10, 1928; thence easterly, along said shoreline, approximately 1240 feet to Corner 2 (N±1,653,762/E±308,640) a point; thence S. 56°58′11″ W., across open water, 776.49 feet to Corner 3 (N±1,653,339/E±308,990) a point; thence N. 32°03′07″ W., across open water, 142.26 feet to the point of beginning, containing 3.41 acres, more or less, to be known as the Banana Island Sanctuary.
6°23'28"E., across open water, 873.45 feet to Corner 3, a point on the shoreline of Kings Bay said point also being a corner in the northerly boundary line of Lot 21 in said subdivision; then continue S 26°05′38″W for 5 feet more or less to the point of beginning, containing 5.62 acres, more or less, to be known as the Sunset Shores Sanctuary.

(3) A tract of submerged land, lying in Sections 21 and 28, Township 18 South, Range 17 East in Citrus County, Florida, more particularly described as follows: All of the submerged land lying within the mean high water line of a canal bordering the western, northern, and eastern sides of Paradise Isle Subdivision, as recorded in Plat Book 3, Page 88 of the Public Records of Citrus County, Florida; bounded at the western exit by a line drawn between the southwestern corner of Lot 7 of said Paradise Isle Subdivision and the southeastern corner of Lot 22 of Springs O’Paradise Subdivision, Unit No. 3, as recorded in Plat Book 3, Page 70 of said Public Records; and bounded at the eastern exit by an easterly extension of the south boundary of said Paradise Isle Subdivision; Containing 3.4 acres, more or less.

(4) A tract of submerged land, lying in Sections 28 and 29, Township 18 South, Range 17 East in Citrus County, Florida, more particularly described as follows: For a point of reference, commence at the southwest corner of said Section 28. Then go N 06°01′23″W for 4466.90 feet to a 10-inch diameter concrete monument marking the Point of Beginning; Then go N 53°53′16″E for 764.07 feet to a 10-inch diameter concrete monument with an attached buoy; Then go S 31°01′55″E for 333.22 feet to a 4-inch diameter iron pipe; Then continue S 31°51′55″E for 5 feet more or less to the mean high water line of Banana Island; Then go westerly along said main high water line to a point lying S 44°23′41″E from the point of beginning; Then go N 44°23′41″W for 5 feet more or less to the point of beginning; Containing 4.6 acres, more or less.

(5) A tract of submerged land, lying in Section 28, Township 18 South, Range 17 East in Citrus County, Florida, more particularly described as follows: For a point of reference, commence at the southwest corner of said Section 28. Then go N 28°55′06″E for 2546.59 feet to a 4-inch diameter iron pipe marking the Point of Beginning; Then go N 39°53′16″E for 764.07 feet to a 10-inch diameter concrete monument with an attached buoy; Then go S 31°01′55″E for 333.22 feet to a 4-inch diameter iron pipe; Then continue S 31°51′55″E for 5 feet more or less to the mean high water line of Banana Island; Then go westerly along said main high water line to a point lying S 44°23′41″E from the point of beginning; Then go N 44°23′41″W for 5 feet more or less to the point of beginning; Containing 4.0 acres, more or less.

(6) A tract of submerged land, lying in Section 28, Township 18 South, Range 17 East in Citrus County, Florida, more particularly described as follows: For a point of reference, commence at the southwest corner of said Section 28. Then go N 06°43′00″E for 1477.54 feet to a 10-inch diameter concrete monument marking the Point of Beginning; Then go N 06°24′59″W for 251.66 feet to a 10-inch diameter concrete monument with an attached buoy; Then go N 06°41′12″E for 637.83 feet to a 10-inch diameter concrete monument with an attached buoy; Then go S 55°40′52″E for 212.86 feet to a 10-inch diameter concrete monument; Then continue S 65°15′06″W for 857.22 feet to the point of beginning; Containing 4.0 acres, more or less.

(b) Exception for residents. Boat access to private residences, boat houses, and boat docks through these sanctuaries by the residents and their authorized guests is permitted. Any such authorized boating activity must be conducted by operating motorboats at idle speed/no wake. Residents’ boats will be identified by the placement of a sticker provided by the Fish and Wildlife Service in a conspicuous location on each boat. Use of the waters within the sanctuaries by boats will be only for the purpose of access to residences and the storage of such boats in waters adjacent to residences.

Note: Map follows:
PART 18—MARINE MAMMALS

Subpart A—Introduction

Sec.
18.1 Purpose of regulations.
18.2 Scope of regulations.
18.3 Definitions.
18.4 Information collection requirements.

Subpart B—Prohibitions

18.11 Prohibited taking.
18.12 Prohibited importation.
18.13 Prohibited uses, possession, transportation, and sales.
18.14 Marine mammals taken before the Act.

Subpart C—General Exceptions

18.21 Actions permitted by international treaty, convention, or agreement.
18.22 Taking by Federal, State or local government officials.
18.23 Native exemptions.
18.24 Taking incidental to commercial fishing operations.
§ 18.1

18.25 Exempted marine mammals or marine mammal products.
18.26 Collection of certain dead marine mammal parts.
18.27 Regulations governing small takes of marine mammals incidental to specified activities.

Subpart D—Special Exceptions

18.30 Polar bear sport-hunted trophy import permits.
18.31 Scientific research permits and public display permits.
18.32 Waiver of the moratorium.
18.33 Procedures for issuance of permits and modification, suspension, or revocation thereof.

Subpart E—Depleted Species or Stocks [Reserved]

Subpart F—Transfer of Management Authority to States [Note]

Subpart G—Notice and Hearing on Section 103 Regulations

18.70 Basis and purpose.
18.71 Definitions.
18.72 Scope of regulations.
18.73 Burden of proof.
18.74 Notice of hearing.
18.75 Notification by interested persons.
18.76 Presiding officer.
18.77 Direct testimony submitted as written documents.
18.78 Mailing address.
18.79 Inspection and copying of documents.
18.80 Ex parte communications.
18.81 Prehearing conference.
18.82 Prehearing order.
18.83 Determination to cancel the hearing.
18.84 Rebuttal testimony and new issues of fact in prehearing order.
18.85 Waiver of right to participate.
18.86 Conduct of the hearing.
18.87 Direct testimony.
18.88 Cross-examination.
18.89 Oral and written arguments.
18.90 Recommended decision, certification of the transcript and submission of comments on the recommended decision.
18.91 Director's decision.

Subpart H—Waiver of Moratorium on Taking and Importation of Individual Marine Mammal Species

18.92 Purpose of regulations.
18.93 Scope of regulations.
18.94 Pacific walrus (Alaska).

50 CFR Ch. I (10-1-98 Edition)

Subpart I—[Reserved]

Subpart J—Taking of Marine Mammals Incidental to Oil and Gas Exploration, Development, and Production Activities in the Beaufort Sea and Adjacent Northern Coast of Alaska

18.121 Specified activity and specified geographical region.
18.122 Effective dates.
18.123 Permissible methods.
18.124 Prohibitions.
18.125 Level of activity.
18.126 Measures to ensure availability of species for subsistence.
18.127 Requirements for monitoring and reporting.
18.128 Letters of Authorization.
18.129 Information collection requirements.

Authority: 16 U.S.C. 1361 et seq.

Source: 39 FR 7262, Feb. 25, 1974, unless otherwise noted.

Subpart A—Introduction

§ 18.1 Purpose of regulations.

The regulations contained in this part implement the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407), which among other things, restricts the taking, possession, transportation, selling, offering for sale, and importing of marine mammals.

§ 18.2 Scope of regulations.

(a) This part 18 applies solely to marine mammals and marine mammal products as defined in § 18.3. For regulations under the Act with respect to cetacea (whales and porpoises), pinnipedia, other than walrus (seals and sea lions), see 50 CFR part 216.

(b) The provisions in this part are in addition to, and are not in lieu of, other regulations of this subchapter B which may require a permit or prescribe additional restrictions or conditions for the importation, exportation, and interstate transportation of wildlife. (See also part 13 of this subchapter.)

§ 18.3 Definitions.

In addition to definitions contained in section 3 of the Act and in part 10 of this subchapter, and unless the context requires otherwise, in this part 18:
§ 18.3

U.S. Fish and Wildlife Serv., Interior § 18.3


Alaskan Native means a person defined in the Alaska Native Claims Settlement Act (43 U.S.C. section 1603(b) (85 Stat. 588)) as a citizen of the United States who is one-fourth degree or more Alaska Indian (including Tsimshian Indians enrolled or not enrolled in the Metlakta Indian Community), Eskimo, or Aleut blood, or combination thereof. The term includes any Native, as so defined, either or both of whose adoptive parents are not Natives. It also includes, in the absence of proof of a minimum blood quantum, any citizen of the United States who is regarded as an Alaska Native by the Native village or town of which he claims to be a member and whose father or mother is (or, if deceased, was) regarded as Native by any Native village or Native town. Any citizen enrolled by the Secretary pursuant to section 5 of the Alaska Native Claims Settlement Act shall be conclusively presumed to be an Alaskan Native for purposes of this part.

Authentic native articles of handicrafts and clothing means items made by an Indian, Aleut, or Eskimo which (a) were commonly produced on or before December 21, 1972, and (b) are composed wholly or in some significant respect of natural materials, and (c) are significantly altered from their natural form and which are produced, decorated, or fashioned in the exercise of traditional native handicrafts without the use of pantographs, multiple carvers, or similar mass copying devices. Improved methods of production utilizing modern implements such as sewing machines or modern techniques at a tan-nery registered pursuant to §18.23(c) may be used so long as no large scale mass production industry results. Traditional native handicrafts include, but are not limited to, weaving, carving, stitching, sewing, lacing, beading, drawing, and painting. The formation of traditional native groups, such as cooperatives, is permitted so long as no large scale mass production results: Provided that, it has been determined that no items created in whole or in part from sea otter meet part (a) of this definition and therefore no such items may be sold.

Commercial fishing operation means the lawful harvesting of fish from the marine environment for profit as part of an on-going business enterprise. Such term shall not include sport fishing activities whether or not carried out by charter boat or otherwise, and whether or not the fish so caught are subsequently sold.


Incidental catch means the taking of a marine mammal (a) because it is directly interfering with commercial fishing operations, or (b) as a consequence of the steps used to secure the fish in connection with commercial fishing operations: Provided, however, That a marine mammal so taken must immediately be returned to the sea with a minimum of injury; and Provided, further, That the taking of a marine mammal which otherwise meets the requirements of this definition shall not be considered as incidental catch of that mammal if it is used subsequently to assist in commercial fishing operations.

Marine mammal means any specimen of the following species, whether alive or dead, and any part thereof, including but not limited to, any raw, dressed, or dyed fur or skin:

<table>
<thead>
<tr>
<th>Scientific name</th>
<th>Common name</th>
<th>Date listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhydra lutris</td>
<td>Sea otter</td>
<td>Do.</td>
</tr>
<tr>
<td>Odobenus rosmarus</td>
<td>Walrus</td>
<td>Do.</td>
</tr>
<tr>
<td>Dugong dugon</td>
<td>Dugong</td>
<td>Do.</td>
</tr>
<tr>
<td>Trichechus manatus</td>
<td>West Indian manatee</td>
<td></td>
</tr>
<tr>
<td>Trichechus senegalensis</td>
<td>Amazonian manatee</td>
<td>Do.</td>
</tr>
</tbody>
</table>

NOTE: Common names given may be at variance with local usage.

Native village or town means any community, association, tribe, band, clan, or group.

Pregnant means pregnant near term.

Subsistence means the use by Alaskan Natives for food, clothing, shelter, heating, transportation, and

461
other uses necessary to maintain the life of the taker or for those who depend upon the taker to provide them with such subsistence.

Take means to harass, hunt, capture, collect, or kill, or attempt to harass, hunt, capture, collect, or kill any marine mammal, including, without limitation, any of the following: The collection of dead animals or parts thereof; the restraint or detention of a marine mammal, no matter how temporary; tagging a marine mammal; or the negligent or intentional operation of an aircraft or vessel, or the doing of any other negligent or intentional act which results in the disturbing or molesting of a marine mammal.

Threatened species means a species of marine mammal listed as “threatened” pursuant to the Endangered Species Act of 1973, 87 Stat. 884, Pub. L. 93-205. Wasteful manner means any taking or method of taking which is likely to result in the killing or injuring of marine mammals beyond those needed for subsistence purposes or for the making of authentic native articles of handicrafts and clothing or which results in the waste of a substantial portion of the marine mammal and includes without limitation the employment of a method of taking which is not likely to assure the capture or killing of a marine mammal, or which is not immediately followed by a reasonable effort to retrieve the marine mammal.

Subpart B—Prohibitions

§ 18.11 Prohibited taking.

Except as otherwise provided in subpart C, D, or H of this part 18, or part 403, it is unlawful for:

(a) Any person, vessel, or conveyance subject to the jurisdiction of the United States to take any marine mammal on the high seas, or
(b) Any person, vessel, or conveyance to take any marine mammal in waters or on lands under the jurisdiction of the United States.


§ 18.12 Prohibited importation.

(a) Except as otherwise provided in subparts C and D of this part 18, it is unlawful for any person to import any marine mammal or marine mammal product into the United States.

(b) Regardless of whether an importation is otherwise authorized pursuant to subparts C and D of this part 18, it is unlawful for any person to import into the United States any:

(1) Marine mammal: (i) Taken in violation of the Act, or
(ii) Taken in another country in violation of the laws of that country;
(2) Any marine mammal product if:
(i) The importation into the United States of the marine mammal from which such product is made would be

§ 18.14 Marine mammals taken before the Act.

(a) Section 102(e) of the Act provides in effect that the Act shall not apply to any marine mammal taken prior to December 21, 1972, or to any marine mammal product consisting of, or composed in whole or in part of, any marine mammal taken before such date. Such status may be established by submitting to the Director prior to, or at the time of importation, an affidavit containing the following:

(1) The Affiant’s name and address;

(2) Identification of the Affiant;

(3) A description of the marine mammals or marine mammal products which the Affiant desires to import;

(4) A statement by the Affiant that to the best of his knowledge and belief, the marine mammals involved in the application were taken prior to December 21, 1972;

(5) A statement by the Affiant in the following language:

The foregoing is principally based on the attached exhibits which, to the best of my knowledge and belief, are complete, true and correct. I understand that this affidavit is being submitted for the purpose of inducing the Federal Government to permit the importation of under the Marine Mammal Protection Act of 1972 (16 U.S.C. 1361-1407) and regulations promulgated thereunder, and that any false statements may subject me to the criminal penalties of 18 U.S.C. 1001.

(b) Either one of two exhibits shall be attached to such affidavit, and will contain either:

(1) Records or other available evidence showing that the product consists of or is composed in whole or in part of marine mammals taken prior to December 21, 1972. Such records or other evidentiary material must include information on how, when, where, and by whom the animals were taken, what processing has taken place since taking, and the date and location of such processing; or

(2) A statement from a government agency of the country of origin exercising jurisdiction over marine mammals

unlawful under paragraph (b)(1) of this section, or

(ii) The sale in commerce of such product in the country of origin of the product is illegal.

(c) Except in accordance with an exception referred to in subpart C and §§18.31 and 18.32 of this part, it is unlawful to import into the United States any:

(1) Marine mammal which was pregnant at the time of taking;

(2) Marine mammal which was nursing at the time of taking, or less than 8 months old, whichever occurs later;

(3) Specimen of an endangered or threatened species of marine mammals;

(4) Specimen taken from a depleted species or stock of marine mammals; or

(5) Marine mammal taken in an inhumane manner.

(d) It is unlawful to import into the United States any fish, whether fresh, frozen, or otherwise prepared, if such fish was caught in a manner proscribed by the Secretary of Commerce for persons subject to the jurisdiction of the United States, whether or not any marine mammals were in fact taken incident to the catching of the fish.

§ 18.13 Prohibited uses, possession, transportation, and sales.

Except as otherwise provided in the Act or these regulations, it is unlawful for:

(a) Any person to use any port, harbor, or other place under the jurisdiction of the United States for any purpose in any way connected with a prohibited taking or any unlawful importation of any marine mammal or marine mammal products;

(b) Any person to possess any marine mammal, or product therefrom, taken in violation of the Act or these regulations;

(c) Any person to transport, purchase, sell, or offer to purchase or sell any marine mammal or marine mammal product; or

(d) Any person subject to the jurisdiction of the United States to use in a commercial fishery, any means or method of fishing in contravention of regulations and limitations issued by the Secretary of Commerce for that fishery to achieve the purposes of this Act.

§ 18.21

that any and all such mammals from which the products sought to be imported were derived were taken prior to December 21, 1972.

(c) Service agents, or Customs officers, may refuse to clear marine mammals or marine mammal products for importation into the United States, pursuant to § 14.53 of this subchapter, until the importer can demonstrate, by production of the affidavit referred in above or otherwise, that section 102(e) of the Act applies to all affected items.

(d) This section has no application to any marine mammal or marine mammal product intended to be imported pursuant to § 18.21, § 18.31 or § 18.32 of this part.


Subpart C—General Exceptions

§ 18.21 Actions permitted by international treaty, convention, or agreement.

The Act and these regulations shall not apply to the extent that they are inconsistent with the provisions of any international treaty, convention or agreement, or any statute implementing the same, relating to the taking or importation of marine mammals or marine mammal products, which was existent and in force prior to December 21, 1972, and to which the United States was a party. Specifically, the regulations in subpart B of this part and the provisions of the Act shall not apply to activities carried out pursuant to the Interim Convention on the Conservation of North Pacific Fur Seals signed in Washington on February 9, 1957, and the Fur Seal Act of 1966, 16 U.S.C. 1151–1187, as, in each case, from time to time amended.

§ 18.22 Taking by Federal, State or local government officials.

(a) A Federal, State or local government official or employee may take a marine mammal in the course of his duties as an official or employee and no permit shall be required, if such taking:

(1) Is accomplished in a humane manner;

(2) Is for the protection or welfare of such mammal or from the protection of the public health or welfare; and

(3) Includes steps designed to insure return of such mammal, if not killed in the course of such taking, to its natural habitat. In addition, any such official or employee may, incidental to such taking, possess and transport, but not sell or offer for sale, such mammal and use any port, harbor or other place under the jurisdiction of the United States. All steps reasonably practicable under the circumstances shall be taken by any such employee or official to prevent injury or death to the marine mammal as the result of such taking.

(b) Each taking permitted under this section should be included in a written report, to be submitted to the Director every six months, beginning December 31, 1973. Unless otherwise permitted by the Director, the report shall contain a description of:

(1) The animal involved;

(2) The circumstances requiring the taking;

(3) The method of taking;

(4) The name and official position of the State official or employee involved;

(5) The disposition of the animal, including in cases where the animal has been retained in captivity, a description of the place and means of confinement and the measures taken for its maintenance and care; and

(6) Such other information as the Director may require.


§ 18.23 Native exemptions.

(a) Taking. Except as otherwise provided in part 403 of this title, any Indian, Aleut, or Eskimo who resides in Alaska and who dwells on the coast of the North Pacific Ocean or the Arctic Ocean may take any marine mammal without a permit, subject to the restrictions contained in this section, if such taking is:

(1) For subsistence purposes, or
§ 18.23

(2) For purposes of creating and selling authentic native articles of handicraft and clothing, and

(3) In each case, not accomplished in a wasteful manner.

(b) Restrictions. (1) “Except for a transfer to a duly authorized representative of the Regional Director of the U.S. Fish and Wildlife Service for scientific research purposes, no marine mammal taken for subsistence may be sold or otherwise transferred to any person other than an Alaskan Native or delivered, carried, transported, or shipped in interstate or foreign commerce, unless:

(i) It is being sent by an Alaskan Native directly or through a registered agent to a tannery registered under paragraph (c) of this section for the purpose of processing, and will be returned directly or through a registered agent to the Alaskan Native; or

(ii) It is sold or transferred to a registered agent in Alaska for resale or transfer to an Alaskan Native; or

(iii) It is an edible portion and it is sold in an Alaskan Native village or town.

(2) “Except for a transfer to a duly authorized representative of the Regional Director of the U.S. Fish and Wildlife Service for scientific research purposes, no marine mammal taken for purposes of creating and selling authentic Native articles of handicraft and clothing may be sold or otherwise transferred to any person other than an Indian, Aleut, or Eskimo, or delivered, carried, transported, or shipped in interstate or foreign commerce, unless:

(i) It is being sent by an Indian, Aleut or Eskimo directly or through a registered agent to a tannery registered under paragraph (c) of this section for the purpose of processing, and will be returned directly or through a registered agent to the Indian, Aleut or Eskimo; or

(ii) It is sold or transferred to a registered agent for resale or transfer to an Indian, Aleut, or Eskimo; or

(iii) It has been first transformed into an authentic Native article of handicraft or clothing; or

(iv) It is an edible portion and it is sold (A) in an Alaskan Native village or town or (B) to an Alaskan Native for his consumption.

(c) The restriction in paragraph (b) shall not apply to parts or products of the Pacific walrus (Odobenus rosmarus) to the extent that the waiver of the moratorium and the approved State/Federal regulations relating to the taking and importation of walrus permits the delivery, sale, transportation or shipment of parts or products of the Pacific walrus in interstate or foreign commerce.

(d) Any tannery, or person who wishes to act as an agent, within the jurisdiction of the United States may apply to the Director for registration as a tannery or an agent which may possess and process marine mammal products for Indians, Aleuts, or Eskimos. The application shall include the following information:

(1) The name and address of the applicant;

(2) A description of the applicant’s procedures for receiving, storing, processing, and shipping materials;

(3) A proposal for a system of bookkeeping and/or inventory segregation by which the applicant could maintain accurate records of marine mammals received from Indians, Aleuts, or Eskimos, pursuant to this section;

(4) Such other information as the Director may request;

(5) A certification in the following language:

I hereby certify that the foregoing information is complete, true, and correct to the best of my knowledge and belief. I understand that this information is submitted for the purpose of obtaining the benefit of an exception under the Marine Mammal Protection Act of 1972 (36 U.S.C. 1361-1407) and regulations promulgated thereunder, and that any false statement may subject me to the criminal penalties of 18 U.S.C. 1001.

(6) The signature of the applicant.

The sufficiency of the application shall be determined by the Director, and in that connection, he may waive any requirement for information, or require any elaboration or further information deemed necessary. The registration of a tannery or other agent shall be subject to the conditions as the Director prescribes, which may include, but are not limited to provisions regarding records, inventory segregation, reports, and inspection. The Director may
§ 18.23 50 CFR Ch. I (10-1-98 Edition)

charge a reasonable fee for such applications, including an appropriate apportionment of overhead and administrative expenses of the Department of Interior.

(e) Notwithstanding the preceding provisions of this section, whenever, under the Act, the Secretary determines any species or stock of marine mammals to be depleted, he may prescribe regulations pursuant to section 103 of the Act upon the taking of such marine mammals by any Indian, Aleut, or Eskimo and, after promulgation of such regulations, all takings of such marine mammals by such person shall conform to such regulations.

(f) Marking, tagging, and reporting. (1) In addition to definitions contained in the Act, 50 CFR 18.3, and 50 CFR 18.27, in this paragraph (f):

(i) The term “marking and tagging” of marine mammals as specified in section 109(i) of the Act refers to the actual physical attachment of an approved band or other such marking device or technique to the raw or unhandicraftd (including unmarked tanned skins) skin and skull of polar bears, the tusks of walruses, and the skin and skull of sea otters; and

(ii) The term “reporting” means the collection by Service personnel or the Service’s authorized local representative of biological data, harvest data, and other information regarding the effect of taking of marine mammals on populations, the collection of which the Service determines to be necessary for management purposes. Reporting will be done on forms provided by the Service upon presentation for marking, tagging, and reporting purposes.

(2) Notwithstanding the preceding provisions of this section, but subject to the provisions and conditions contained in this paragraph, no polar bear, walrus, or sea otter, or any parts thereof, taken or collected by an Alaskan Native for subsistence purposes or for purposes of creating and selling authentic Native articles of handicrafts and clothing may be possessed, transported within, or exported from Alaska unless the animal(s), or specified parts thereof, have been reported to, and properly marked and tagged by, Service personnel or the Service’s authorized local representative; except:

(i) An Alaskan Native that harvested or participated in the harvest of a polar bear, sea otter, or walrus and who possesses the animal, or any parts thereof, may possess the unmarked, untagged, and unreported animal(s), or parts thereof, for a period of time not to exceed 30 days from the time of taking for the purpose of transporting the specified parts to Service personnel or the Service’s local authorized representative for marking, tagging, and reporting;

(ii) Alaskan Natives and registered agents/tanneries may possess the specified unmarked or untagged raw, unhandicraftd, or tanned parts thereof for a period of time not to exceed 180 days from the effective date of this rulemaking for the purpose of transporting to Service personnel or the Service’s local authorized representative for marking and tagging if the specified parts thereof were taken or possessed between December 21, 1972, and the effective date of this regulation. There is no reporting requirement for marine mammals, or specified parts thereof, covered by this paragraph.

(3) Those unmarked, untagged, and unreported specified parts of polar bear, walrus, and sea otter, that must be presented to Service personnel or an authorized Service representative for marking, tagging, and reporting are as follows:

(i) Polar bear—skin and skull.

(ii) Walrus—tusks.

(iii) Sea otter—skin and skull.

(4) The locations where Service personnel or the Service’s authorized local representative will be available for marking, tagging, and reporting purposes will be announced annually by the Alaska Regional Director. Local persons authorized to act as representatives for marking, tagging, and reporting purposes in the absence of Service personnel will also be announced annually by the Alaska Regional Director.

(5) Marks and tags will be attached or applied to the skins, skulls, and tusks of the marine mammal(s) in such a manner as to maximize their longevity and minimize their adverse effects to the appearance of the specified parts
that might result due to hindering the tanning or handicrafting of skins, or the handicrafting of tusks or skulls. If the tag or mark comes off of the specified part the person in possession of the part shall have 30 days to present the part and broken tag or other marking device to the Service or the Service's authorized local representative for remarking or retagging purposes.

(6) Marks and tags for skins, skulls, and tusks will be provided by the Service. They will be numbered for accountability and of such design, construction, and material so as to maximize their durability and longevity on the specified parts.

(7) Data collected pursuant to this paragraph will be reported on forms provided by the Service and maintained in the Service's Regional Office, Anchorage, Alaska. The Service will summarize the data annually and make it publicly available. The data will also be included in the Service's annual report to Congress as set forth in section 103(f) of the Act.

(8) All items of research (e.g., radio collars, satellite transmitters, tags, etc.) that were attached to animals taken by Alaskan Natives must be returned to Service personnel or an authorized Service representative at the time the animal, or specified unhandicrafted parts thereof, are presented for marking, tagging, and reporting. No penalty will be imposed under the Act for a violation of this paragraph. However, penalties may be sought by the Service under other applicable Federal laws governing the possession and use of Federal property.

(9) Pursuant to this paragraph (f), the following specific conditions and provisions apply:

(i) Marking, tagging, and reporting of polar bears or specified parts thereof.

(A) The skin and skull of an animal must accompany each other when presented for marking, tagging, and reporting except that the skin and skull of an animal need not be presented together for marking and tagging purposes if taken between December 21, 1972, and the effective date of this regulation.

(B) Both the skin and the skull will be marked and tagged and a rudimentary premolar tooth may be removed from the skull and retained by the Service. The skin must have the sex identifiers, such as vaginal orifice, teats, or penile sheath or baculum, either attached to, or accompanying the skin.

(D) The skull must be skinned out and the skin may be frozen or unfrozen when presented for marking, tagging, and reporting. If the skin is frozen, the sex identifiers, such as vaginal orifice, teats, penile sheath or baculum, must be visible.

(E) Marks and tags must remain affixed to the skin through the tanning process and until the skin has been severed into parts for crafting into handicrafts or for as long as is practical during the handicrafting process.

(ii) Marking, tagging, and reporting of walrus or specified parts thereof.

(A) The paired tusks of the animal(s) must, to the maximum extent practical, accompany each other when presented for marking, tagging, and reporting purposes, except that paired tusks need not be presented together for marking and tagging purposes if taken between December 21, 1972, and the effective date of this regulation.

(B) Except as provided in paragraph (f)(2)(ii) of this section, the following information must be reported by Alaskan Natives when presenting walrus, or specified parts thereof, for marking and tagging: date of take, sex of animal, whether live-killed, floating-dead, or beach-found, and location of the take or location of animal if found floating and dead or beach-found.

(C) Marks and/or tags must remain affixed to the tusks until they have been crafted into a handicraft or for as long as is practical during the handicrafting process.

(iii) Marking, tagging, and reporting of sea otter or specified parts thereof.

(A) The skin and skull of an animal must accompany each other when presented for marking, tagging, and reporting, except that the skin and skull
of an animal need not be presented together if taken between December 21, 1972, and the effective date of this regulation.

(B) Except as provided in paragraph (f)(2)(i) of this section, the following information must be reported by Alaskan Natives when presenting sea otters, or specified parts thereof, for marking and tagging: date of kill, sex of animal, and location of kill.

(C) Both the skin and skull will be marked and tagged and a rudimentary pre-molar tooth may be removed from the skull and retained by the Service. The skin must have the sex identifiers, such as vaginal orifice, teats, or penile sheath or baculum, either attached to, or accompanying the skin.

(D) The skull must be skinned out and the skin may be frozen or unfrozen when presented for marking, tagging, and reporting. If the skin is frozen, the sex identifiers, such as vaginal orifice, teats, or penile sheath or baculum, must be visible.

(E) Marks and tags must remain affixed to the skin through the tanning process and until the skin has been severed into parts for crafting into handicrafts or for as long as is practical during the handicrafting process.

(10) No person may falsify any information required to be set forth on the reporting form when the marine mammal(s), or specified parts thereof, are presented as required by these regulations.

§ 18.24 Taking incidental to commercial fishing operations.

Persons may take marine mammals incidental to commercial fishing operations until October 21, 1974: Provided, That such taking is by means of equipment and techniques prescribed in regulations issued by the Secretary of Commerce. However, any marine mammal taken as an incidental catch may not be retained. It shall be the immediate goal that the incidental kill or incidental serious injury of marine mammals permitted in the course of commercial fishing operations be reduced to insignificant levels approaching a zero mortality and serious injury rate.

§ 18.25 Exempted marine mammals or marine mammal products.

(a) The provisions of the Act and these regulations shall not apply:

(1) To any marine mammal taken before December 21, 1972, or

(2) To any marine mammal product if the marine mammal portion of such product consists solely of a marine mammal taken before such date.

(b) The prohibitions contained in §18.12(c) (3) and (4) shall not apply to marine mammals or marine mammal products imported into the United States before the date on which notice is published in the Federal Register of the proposed rulemaking with respect to the designation of the species of stock concerned as depleted or endangered:

(c) Section 18.12(b) shall not apply to articles imported into the United States before the effective date of the foreign law making the taking or sale, as the case may be, of such marine mammals or marine mammal products unlawful.

§ 18.26 Collection of certain dead marine mammal parts.

(a) Any bones, teeth or ivory of any dead marine mammal may be collected from a beach or from land within ¼ of
§ 18.27 Regulations governing small takes of marine mammals incidental to specified activities.

(a) Purpose of regulations. The regulations in this section implement Section 101(a)(5) of the Marine Mammal Protection Act of 1972, as amended, 16 U.S.C. 1371(a)(5), which provides a mechanism for allowing, upon request, during periods of not more than five consecutive years each, the incidental, but not intentional, taking of small numbers of marine mammals by U.S. citizens who engage in a specified activity (other than commercial fishing) within a specified geographical region.

(b) Scope of regulations. The taking of small numbers of marine mammals under section 101(a)(5) of the Marine Mammal Protection Act may be allowed only if the Director of the Fish and Wildlife Service (1) finds, based on the best scientific evidence available, that the total taking during the specified time period will have a negligible impact on the species or stock and will not have an unmitigable adverse impact on the availability of the species or stock for subsistence uses; (2) prescribes regulations setting forth permissible methods of taking and other means of effecting the least practicable adverse impact on the species and its habitat and on the availability of the species for subsistence uses, paying particular attention to rookeries, mating grounds, and areas of similar significance; and (3) prescribes regulations pertaining to the monitoring and reporting of such taking.

(c) Definitions. In addition to definitions contained in the Act and in 50 CFR 18.3 and unless the context otherwise requires, in this section:

Citizens of the United States and U.S. citizens mean individual U.S. citizens or any corporation or similar entity if it is organized under the laws of the United States or any governmental unit defined in 16 U.S.C. 1362(13). U.S. Federal, State and local government agencies shall also constitute citizens of the United States for purposes of this section.

Incidental, but not intentional, taking means takings which are infrequent, unavoidable, or accidental. It does not mean that the taking must be unexpected. (Complete definition of take is contained in 50 CFR 18.3.)

Negligible impact is an impact resulting from the specified activity that cannot be reasonably expected to, and is not reasonably likely to, adversely affect the species or stock through effects on annual rates of recruitment or survival.

Small numbers means a portion of a marine mammal species or stock whose
§ 18.27

(taking would have a negligible impact on that species or stock.

Specified activity means any activity, other than commercial fishing, which takes place in a specified geographical region and potentially involves the taking of small numbers of marine mammals. The specified activity and specified geographical region should be identified so that the anticipated effects on marine mammals will be substantially similar.

Specified geographical region means an area within which a specified activity is conducted and which has similar biogeographic characteristics.

Unmitigable adverse impact means an impact resulting from the specified activity (1) that is likely to reduce the availability of the species to a level insufficient for a harvest to meet subsistence needs by (i) causing the marine mammals to abandon or avoid hunting areas, (ii) directly displacing subsistence users, or (iii) placing physical barriers between the marine mammals and the subsistence hunters; and (2) that cannot be sufficiently mitigated by other measures to increase the availability of marine mammals to allow subsistence needs to be met.

(d) Submission of requests. (1) In order for the Fish and Wildlife Service to consider allowing the taking by U.S. citizens of small numbers of marine mammals incidental to a specified activity, a written request must be submitted to the Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240. Requests shall include the following information on the activity as a whole, which includes, but is not limited to, an assessment of total impacts by all persons conducting the activity:

(i) A description of the specific activity or class of activities that can be expected to result in incidental taking of marine mammals;

(ii) The dates and duration of such activity and the specific geographical region where it will occur;

(iii) Based upon the best available scientific information;

(A) An estimate of the species and numbers of marine mammals likely to be taken by age, sex, and reproductive conditions, and the type of taking (e.g., disturbance by sound, injury or death resulting from collision, etc.) and the number of times such taking is likely to occur;

(B) A description of the status, distribution, and seasonal distribution (when applicable) of the affected species or stocks likely to be affected by such activities;

(C) The anticipated impact of the activity upon the species or stocks;

(D) The anticipated impact of the activity upon the availability of the species or stocks for subsistence uses;

(iv) The anticipated impact of the activity upon the habitat of the marine mammal populations and the likelihood of restoration of the affected habitat;

(v) The anticipated impact of the loss or modification of the habitat on the marine mammal population involved;

(vi) The availability and feasibility (economic and technological) of equipment, methods, and manner of conducting such activity or other means of effecting the least practicable adverse impact upon the affected species or stocks, their habitat, and, where relevant, on their availability for subsistence uses, paying particular attention to rookeries, mating grounds, and areas of similar significance. (The applicant and those conducting the specified activity and the affected subsistence users are encouraged to develop mutually agreeable mitigating measures that will meet the needs of subsistence users);

(vii) Suggested means of accomplishing the necessary monitoring and reporting which will result in increased knowledge of the species through an analysis of the level of taking or impacts and suggested means of minimizing burdens by coordinating such reporting requirements with other schemes already applicable to persons conducting such activity; and

(viii) Suggested means of learning of, encouraging, and coordinating research opportunities, plans and activities relating to reducing such incidental taking from such specified activities, and evaluating its effects.

(2) The Director shall determine the adequacy and completeness of a request, and if found to be adequate, will invite information, suggestions, and comments on the preliminary finding.
of negligible impact and on the proposed specific regulations through notice in the Federal Register, newspapers of general circulation, and appropriate electronic media in the coastal areas that may be affected by such activity. All information and suggestions will be considered by the Fish and Wildlife Service in developing final findings and effective specific regulations.

(3) The Director shall evaluate each request to determine, based on the best available scientific evidence, whether the total taking will have a negligible impact on the species or stock and, where appropriate, will not have an unmitigable adverse impact on the availability of such species or stock for subsistence uses. If the Director finds that mitigating measures would render the impact of the specified activity negligible when it would not otherwise satisfy that requirement, the Director may make a finding of negligible impact subject to such mitigating measures being successfully implemented. Any preliminary findings of "negligible impact" and "no unmitigable adverse impact" shall be proposed for public comment along with the proposed specific regulations.

(4) If the Director cannot make a finding that the total taking will have a negligible impact in the species or stock or will not have an unmitigable adverse impact on the availability of such species or stock for subsistence uses, the Director shall publish in the Federal Register the negative finding along with the basis for denying the request.

(e) Specific regulations. (1) Specific regulations will be established for each allowed activity which set forth (i) permissible methods of taking, (ii) means of effecting the least practicable adverse impact on the species and its habitat and on the availability of the species for subsistence uses, and (iii) requirements for monitoring and reporting.

(2) Regulations will be established based on the best available scientific information. As new information is developed, through monitoring, reporting, or research, the regulations may be modified, in whole or part, after notice and opportunity for public review.

(f) Letters of Authorization. (1) A Letter of Authorization, which may be issued only to U.S. citizens, is required to conduct activities pursuant to any specific regulations established. Requests for Letters of Authorization shall be submitted to the Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240. The information to be submitted in a request may be obtained by writing the Director. Once specific regulations are effective, the Service will to the maximum extent possible, process subsequent applications for Letters of Authorization within 30 days after receipt of the application by the Service.

(2) Issuance of a Letter of Authorization will be based on a determination that the level of taking will be consistent with the findings made for the total taking allowable under the specific regulations.

(3) Notice of issuance of all Letters of Authorization will be published in the Federal Register within 30 days of issuance.

(4) Letters of Authorization will specify the period of validity and any additional terms and conditions appropriate for the specific request.

(5) Letters of Authorization shall be withdrawn or suspended, either on an individual or class basis, as appropriate, if, after notice and opportunity for public comment, the Director determines: (i) The regulations prescribed are not being substantially complied with, or (ii) the taking allowed is having, or may have, more than a negligible impact on the species or stock, or where relevant, an unmitigable adverse impact on the availability of the species or stock for subsistence uses.

(6) The requirement for notice and opportunity for public review in paragraph (f)(5) of this section shall not apply if the Director determines that an emergency exists which poses a significant risk to the well-being of the species or stocks of marine mammals concerned.

(7) A violation of any of the terms and conditions of a Letter of Authorization or of the specific regulations
§ 18.30  Polar bear sport-hunted trophy import permits.

(a) Application procedure. You, as the hunter or heir of the hunter’s estate, must submit an application for a permit to import a trophy of a polar bear taken in Canada to the U.S. Fish and Wildlife Service, Office of Management Authority, 4401 N. Fairfax Drive, Arlington, Virginia 22203. You must use an official application (Form 3-200) provided by the Service and must include as an attachment all of the following additional information:

(i) Certification that:
   (i) You or the deceased hunter took the polar bear as a personal sport-hunted trophy;
   (ii) You will use the trophy only for personal display purposes;
   (iii) The polar bear was not a pregnant female, a female with dependent nursing cub(s) or a nursing cub (such as in a family group), or a bear in a den or constructing a den when you took it; and
   (iv) For a polar bear taken after April 30, 1994, you made sure the gall bladder and its contents were destroyed;

(ii) Name and address of the person in the United States receiving the polar bear trophy if other than yourself;

(iii) The polar bear was not a pregnant female, a female with dependent nursing cub(s) or a nursing cub (such as in a family group), or a bear in a den or constructing a den when you took it; and

(iv) For a polar bear taken after April 30, 1994, you made sure the gall bladder and its contents were destroyed;

(b) Definitions. In addition to the definitions in this paragraph, the definitions in 50 CFR 10.12, 18.3, and 23.3 apply to this section.

(1) Sport-hunted trophy means a mount, rug or other display item composed of the hide, hair, skull, teeth, baculum, bones, and claws of the specimen which was taken by the applicant or decedent during a sport hunt for personal, noncommercial use and does not include any internal organ of the animal, including the gall bladder. Articles made from the specimen, such as finished or unfinished, worked, manufactured, or handicraft items for use as
clothing, curio, ornamentation, jewelry, or as a utilitarian item are not considered trophy items.

(2) Management agreement means a written agreement between parties that share management responsibilities for a polar bear population which describes what portion of the harvestable quota will be allocated to each party and other measures which may be taken for the conservation of the population, such as harvest seasons, sex ratio of the harvest, and protection of females and cubs.

(c) Procedures for issuance of permits and modification, suspension or revocation of permits. We, the Service, shall suspend, modify or revoke permits issued under this section:

(1) In accordance with regulations contained in §18.33; and
(2) If, in consultation with the appropriate authority in Canada, we determine that the sustainability of Canada's polar bear populations is being adversely affected or that sport hunting may be having a detrimental effect on maintaining polar bear populations throughout their range.

(d) Issuance criteria. In deciding whether to issue an import permit for a sport-hunted trophy, we must determine in addition to the general criteria in part 13 of this subchapter whether:

(1) You previously imported the specimen into the United States without a permit;
(2) The specimen meets the definition of a sport-hunted trophy in paragraph (b) of this section;
(3) You legally harvested the polar bear in Canada;
(4) Canada has a monitored and enforced sport-hunting program consistent with the purposes of the 1973 International Agreement on the Conservation of Polar Bears;
(5) Canada has a sport-hunting program, based on scientifically sound quotas, ensuring the maintenance of the affected population at a sustainable level; and
(6) The export and subsequent import:

(i) Are consistent with the provisions of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and other international agreements and conventions; and
(ii) Are not likely to contribute to illegal trade in bear parts, including for bears taken after April 30, 1994, that the gall bladder and its contents were destroyed.

(e) Additional permit conditions. Your permit to import a sport-hunted trophy of a polar bear taken in Canada is subject to the permit conditions outlined in §18.31(d) and the following additional permit conditions:

(1) You, the permittee, may not import internal organs of the polar bear, including the gall bladder;
(2) After import you may not alter or use the trophy in a manner inconsistent with the definition of a sport-hunted polar bear trophy as given in §18.30(b);
(3) You may not import a sport-hunted trophy if the polar bear at the time you or the decedent took it was:

(i) A nursing bear or a female with nursing young (i.e., part of a family group);
(ii) A pregnant female; or
(iii) A bear moving into a den or in a den;
(4) You must present to Service personnel at the time of import a valid CITES document from the country of export or re-export;
(5) You must comply with the following import procedures:

(i) Import the sport-hunted trophy through a designated port for wildlife imports (see §14.12 of this subchapter) during regular business hours, except for full mount trophies that have been granted an exception to designated port permit requirements under §14.32 of this subchapter;
(ii) Not send the trophy through the international mail; and
(iii) Notify Service personnel at the port at least 48 hours before the import (see §14.54 of this subchapter) and make arrangements for Service personnel to affix a tag in accordance with paragraph (e)(7) of this section prior to being cleared (see §14.52 of this subchapter);
(6) You must import all parts of a single trophy at the same time;
(7) The following tagging/mark procedures apply:
(i) Service personnel must affix a permanently locking tag that contains a unique serial number and the common name “polar bear” to the hide which must remain fixed indefinitely to the hide as proof of legal import; and
(ii) Service personnel must permanently mark upon import the parts of the trophy other than the hide, such as the skull and bones, with the hide tag number; and

(b) If the tag comes off the hide, you must within 30 days:
(i) Contact the nearest Service office at a designated port or a Law Enforcement office as given in §10.22 of this subchapter to schedule a time to present the trophy for retagging;
(ii) Provide as proof that the trophy had been tagged and legally imported a copy of the:
(A) Canceled CITES export permit or re-export certificate;
(B) Canceled U.S. import permit issued under this section; or
(C) Cleared wildlife declaration form (3-177); and
(iii) Present either the broken tag, or if the tag was lost, a signed written explanation of how and when the tag was lost.

(f) Duration of permits. The permit will be valid for no more than one year from the date of issuance.

(g) Fees. (1) You must pay the standard permit processing fee as given in §13.11(4) when filing an application.
(2) You must pay the issuance fee of $1,000 when we notify you the application is approved. We cannot issue an import permit until you pay this fee. We will use the issuance fee to develop and implement cooperative research and management programs for the conservation of polar bears in Alaska and Russia under section 113(d) of the Marine Mammal Protection Act.

(h) Scientific review. (1) We will undertake a scientific review of the impact of permits issued under this section on the polar bear populations in Canada;
(2) After the initial review, we may review whether the issuance of permits under this section is having a significant adverse impact on the polar bear populations in Canada annually in light of the best scientific information available. The review must be completed no later than January 31 in any year a review is undertaken.
(i) Findings. Polar bear sport-hunted trophies may only be imported after issuance of an import permit, and in accordance with the following findings and conditions:
(1) We have determined that the Northwest Territories, Canada, has a monitored and enforced sport-hunting program that meets issuance criteria of paragraphs (d) (4) and (5) of this section for the following populations: Southern Beaufort Sea, Northern Beaufort Sea, Viscount Melville Sound (subject to the lifting of the moratorium in this population), Western Hudson Bay, and M’Clintock Channel, and that:
(i) For the Southern Beaufort Sea population, no bears are taken west of the equidistant line of the Beaufort Sea;
(ii) For all populations, females with cubs, cubs, or polar bears moving into denning areas or already in dens are protected from taking by hunting activities; and
(iii) For all populations, management agreements among all management entities with scientifically sound quotas are in place; and
(2) Any sport-hunted trophy taken in the Northwest Territories, Canada, between December 21, 1972, and April 30, 1994, may be issued an import permit when:
(i) From an approved population listed in paragraph (i)(1); and
(ii) The issuance criteria of paragraph (d) (1), (2), (3), and (6) of this section are met.


§ 18.31 Scientific research permits and public display permits.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a
permit authorizing the taking and importation of marine mammals for scientific research purposes or for public display.

(a) Application procedure. Applications for permits to take and import marine mammals for scientific research purposes or for public display shall be submitted to the Director. Each such application must contain the general information and certification required by §13.12(a) of this subchapter plus the following additional information:

1. A statement of the purpose, date, location and manner of the taking or importation;
2. A description of the marine mammal or the marine mammal products to be taken or imported, including the species or subspecies involved; the population stock, when known, the number of specimens or products (or the weight thereof, where appropriate); and the anticipated age, size, sex, and condition (i.e., whether pregnant or nursing) of the animals involved;
3. If the marine mammal is to be taken and transported alive, a complete description of the manner of transportation, care and maintenance, including the type, size, and construction of the container or artificial environment; arrangements for feeding and sanitation; a statement of the applicant's qualifications and previous experience in caring for and handling captive marine mammals and a like statement as to the qualifications of any common carrier or agent to be employed to transport the animal; and a written certification of a licensed veterinarian knowledgeable in the field of marine mammals that he has personally reviewed the arrangements for transporting and maintaining the animals and that in his opinion they are adequate to provide for the well-being of the animal;
4. If the application is for a scientific research permit, a detailed description of the scientific research project or program in which the marine mammal or marine mammal product is to be used including a copy of the research proposal relating to such program or project and the names and addresses of the sponsor or cooperating institution and the scientists involved;
5. If the application is for a scientific research permit, and if the marine mammal proposed to be taken or imported is listed as an endangered or threatened species or has been designated by the Secretary as depleted, a detailed justification of the need for such a marine mammal, including a discussion of possible alternatives, whether or not under the control of the applicant; and
6. If the application is for a public display permit, a detailed description of the proposed use to which the marine mammal or marine mammal product is to be put, including the manner, location, and times of display, whether such display is for profit, an estimate of the numbers and types of persons who it is anticipated will benefit for such display, and whether and to what extent the display is connected with educational or scientific programs. There shall also be included a complete description of the enterprise seeking the display permit and its educational, and scientific qualifications, if any.

(b) Review by Marine Mammal Commission. Upon receipt of an application the Director shall forward the application to the Marine Mammal Commission together with a request for the recommendations of the Commission and the Committee of Scientific Advisors on Marine Mammals. In order to comply with the time limits provided in these regulations, the Director shall request that such recommendation be submitted within 30 days of receipt of the application by the Commission. If the Commission or the Committee, as the case may be, does not respond within 45 days from original receipt of the application (or such longer time as the Director may establish) shall be considered as a recommendation from the Commission and the Committee that the permit be issued. The Director may also consult with any other person, institution or agency concerning the application.

(c) Issuance criteria. Permits applied for under this section shall be issued, suspended, modified and revoked pursuant to regulations contained in
§ 18.33 In determining whether to issue a scientific research permit, the Director shall consider whether the proposed taking or importation will be consistent with the policies and purposes of the Act; and whether the granting of the permit is required to further a bona fide and necessary or desirable scientific purpose, taking into account the benefits anticipated to be derived from the scientific research contemplated and the effect of the proposed taking or importation on the population stock and the marine ecosystem. In determining whether to issue a public display permit, the Director shall consider whether the proposed taking or importation will be consistent with the policies and purposes of the Act; whether a substantial public benefit will be gained from the display contemplated, taking into account the manner of the display and the anticipated audience on the one hand, and the effect of the proposed taking or importation on the population stocks of the marine mammal in question and the marine ecosystem on the other; and the applicant’s qualifications for the proper care and maintenance of the marine mammal or the marine mammal product, and the adequacy of his facilities.

(d) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits issued under this section shall be subject to the following conditions:

(1) Any permit issued under these regulations must be in the possession of the person to whom it is issued (or an agent of such person) during:
   (i) The time of the authorized taking or importation;
   (ii) The period of any transit of such person or agent which is incidental to such taking or importation; and
   (iii) Any other time while any marine mammal taken or imported under such permit is in the possession of such person or agent.

(2) A duplicate copy of the issued permit must be physically attached to the container, package, enclosure, or other means of containment, in which the marine mammal is placed for purposes of storage, transit, supervision, or care.

(e) Tenure of permits. The tenure of permits for scientific research or public display shall be designated on the face of the permit.

§ 18.32 Waiver of the moratorium.

See subpart F (Waiver of the moratorium; State laws and regulations) and subpart G (Notice and Hearing on section 103 Regulations) for procedures regarding waivers of the moratorium in those circumstances where a state provides an acceptable management program for a species or population stock within its jurisdiction.

[40 FR 59442, Dec. 24, 1975]

§ 18.33 Procedures for issuance of permits and modification, suspension, or revocation thereof.

(a) Whenever application for a permit is received by the director which the director deems sufficient, he shall, as soon as practicable, publish a notice thereof in the Federal Register. Such notice shall set forth a summary of the information contained in such application. Any interested party may, within 30 days after the date of publication of such notice, submit to the director his written data or views with respect to the taking or importation proposed in such application and may request a hearing in connection with the action to be taken thereon.

(b) If the request for a hearing is made within the 30-day period referred to in paragraph (a) of this section, or if the director determines that a hearing would otherwise be advisable, the director may, within 60 days after the date of publication of the notice referred to in paragraph (a) of this section, afford to such requesting party or parties an opportunity for a hearing. Such hearing shall also be open to participation by any interested members of the public. Notice of the date, time, and place of such hearing shall be published in the Federal Register not less than 15 days in advance of such hearing. Any interested person may appear in person or through representatives at the hearing and may submit any relevant material, data, views, comments, arguments, or exhibits. A summary record of the hearing shall be kept.

(c) As soon as practicable but not later than 30 days after the close of the hearing (or if no hearing is held, as
soon as practicable after the end of the 30 days succeeding publication of the notice referred to in paragraph (a) of this section the director shall issue or deny issuance of the permit. Notice of the decision of the director shall be published in the Federal Register within 10 days after the date of such issuance or denial. Such notice shall include the date of the issuance or denial and indicate where copies of the permit, if issued, may be obtained.

(d) Any permit shall be subject to modification, suspension, or revocation by the director in whole or in part in accordance with these regulations and the terms of such permits. The permittee shall be given written notice by registered mail, return receipt requested, of any proposed modification, suspension, or revocation. Such notice shall specify:

1. The action proposed to be taken along with a summary of the reasons therefor;
2. In accordance with 5 U.S.C. 558, the steps which the permittee may take to demonstrate or achieve compliance with all lawful requirements; and
3. That the permittee is entitled to a hearing thereon if a written request for such a hearing is received by the Director within 10 days after receipt of the aforesaid notice or such other later date as may be specified in the notice to the permittee. The time and place of the hearing, if requested by the permittee, shall be determined by the director and a written notice thereof given to the permittee by registered mail, return receipt requested, not less than 15 days prior to the date of hearing specified. The director may, in his discretion, allow participation at the hearing by interested members of the public. The permittee and other parties participating may submit all relevant material, data, views, comments, arguments, and exhibits at the hearing. A summary record shall be kept of any such hearing.

(e) The Director shall make a decision regarding the proposed modification, suspension, or revocation, as soon as practicable after the close of the hearing, or if no hearing is held, as soon as practicable after the close of the 10 day period during which a hearing could have been requested. Notice of the modification, suspension, or revocation shall be published in the Federal Register within 10 days from the date of the Director’s decision. In no event shall the proposed action take effect until notice of the Director’s decision is published in the Federal Register.

Subpart E—Depleted Species or Stocks [Reserved]

Subpart F—Transfer of Management Authority to States

NOTE: Regulations governing the transfer of management authority to States pursuant to section 109 of the Marine Mammal Protection Act for marine mammal species under the jurisdiction of the Secretary of the Interior are found at part 403 of this title.

[48 FR 22456, May 18, 1983]

Subpart G—Notice and Hearing on Section 103 Regulations

SOURCE: 41 FR 5396, Feb. 6, 1976, unless otherwise noted.

§ 18.70 Basis and purpose.

(a) Sections 101(a)(2), 101(a)(3)(A), and 101(b) of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1371(a)(2), 1371(a)(3)(A), and 1371(b)) and these regulations authorize the Director, U.S. Fish and Wildlife Service, to: (1) Impose regulations governing the taking of marine mammals incidental to commercial fishing operations; (2) waive the moratorium and adopt regulations with respect to the taking and importing of animals from each species of marine mammals under his jurisdiction; and (3) prescribe regulations governing the taking of depleted marine mammals by any Indian, Aleut or Eskimo, respectively. In prescribing regulations to carry out the provisions of said sections, the act refers the Director to section 103 (16 U.S.C. 1373). In accordance with section 103(d), regulations must be made on the record after opportunity for an agency hearing on such regulations and, in the case of a waiver, on the determination by the Director to waive the moratorium pursuant to section 101(a)(3)(A) (16 U.S.C. 1371(a)(3)(A)).
§ 18.71 Definitions.
Definitions shall be the same as in subpart A of this part except as follows:
(a) Party means for the purposes of this subpart:
(1) The Director or his representative;
or
(2) A person who has notified the Director by specified dates of his or her intent to participate in the hearing pursuant to §§ 18.75 and 18.84(b).
(b) Presiding officer means, for the purposes of this subpart, an administrative law judge of the Office of Hearings and Appeals appointed in accordance with 5 U.S.C. 3105.
(c) Witness means, for the purposes of this subpart, any person who provides direct testimony on the proposed regulations and waiver. A person may be both a party and a witness.

§ 18.72 Scope of regulations.
The procedural regulations in this subpart govern the practice and procedure in hearings held under section 103(d) of the Act. These hearings will be governed by the provisions of sections 556 and 557 of the Administrative Procedure Act (5 U.S.C. 556 and 557). The regulations shall be construed to secure the just, speedy, and inexpensive determination of all issues raised with respect to any waiver and/or regulation proposed pursuant to section 103(d) of the act in a manner which gives full protection to the rights of all persons affected thereby.

§ 18.73 Burden of proof.
The proponents of the proposed regulations and waiver must demonstrate that any taking or importation of any marine mammal under such proposed regulations and waiver would be consistent with the act.

§ 18.74 Notice of hearing.
(a) A notice of hearing on any proposed regulations shall be published in the Federal Register, together with the Director’s proposed determination to waive the moratorium pursuant to section 101(a)(3)(A) (16 U.S.C. 1371(a)(3)(A)), where applicable.
(b) The notice shall state:
(1) The nature of the hearing;
(2) The place and date of the hearing. The date shall not be less than 60 days after publication of notice of the hearing;
(3) The legal authority under which the hearing is to be held;
(4) The proposed regulations and waiver, where applicable, and a summary of the statements required by section 103(d) of the Act (16 U.S.C. 1373(d));
(5) Issues of fact which may be involved in the hearing;
(6) If an Environmental Impact Statement is required, the date of publication of the Statement and the times and place(s) where the Statement and comments thereon may be viewed and copied;
(7) Any written advice received from the Marine Mammal Commission;
(8) The times and place(s) where records and submitted direct testimony will be kept for public inspection, along with appropriate references to any other documents;
(9) The final date for filing with the Director a notice of intent to participate in the hearing pursuant to § 18.75;
(10) The final date for submission of direct testimony on the proposed regulations and waiver, if applicable, and the number of copies required;
(11) The docket number assigned to the case which shall be used in all subsequent proceedings; and
(12) The place and date of the prehearing conference.

§ 18.75 Notification by interested persons.
Any person desiring to participate as a party shall notify the Director, by certified mail, on or before the date specified in the notice of hearing.

§ 18.76 Presiding officer.
(a) Upon publication of the notice of hearing pursuant to § 18.74, the Office of Hearings and Appeals shall appoint a presiding officer pursuant to 5 U.S.C. 3105. No individual who has any conflict of interest, financial or otherwise, shall serve as presiding officer in such proceeding.
(b) The presiding officer, in any proceeding under this subpart, shall have power to:
§ 18.78 Mailing address.

Unless otherwise specified in the notice of hearing, all direct testimony

§ 18.77 Direct testimony submitted as written documents.

(a) Unless otherwise specified, all direct testimony, including accompanying exhibits, must be submitted to the presiding officer in writing no later than the dates specified in the notice of the hearing (§ 18.74), the prehearing order (§ 18.82), or within 15 days after the conclusion of the prehearing conference (§ 18.84) as the case may be. All direct testimony, referred to in the affidavit and made a part thereof, must be attached to the affidavit. Direct testimony submitted with exhibits must state the issue to which the exhibit relates; if no such statement is made, the presiding officer shall determine the relevance of the exhibit to the issues published in the Federal Register.

(b) The direct testimony submitted shall contain:

(1) A concise statement of the witness' interest in the proceeding and his position regarding the issues presented. If the direct testimony is presented by a witness who is not a party, the witness shall state his relationship to the party; and

(2) Facts that are relevant and material.

(c) The direct testimony may propose issues of fact not defined in the notice of the hearing and the reason(s) why such issues should be considered at the hearing.

(d) Ten copies of all direct testimony must be submitted unless the notice of the hearing otherwise specifies.

(e) Upon receipt, direct testimony shall be assigned a number and stamped with that number and the docket number.

(f) Contemporaneously with the publication of the notice of hearing, the Director's direct testimony in support of the proposed regulations and waiver, where applicable, shall be available for public inspection as specified in the notice of hearing. The Director may submit additional direct testimony during the time periods allowed for submission of such testimony by witnesses.
§ 18.79 Inspection and copying of documents.

Any document in a file pertaining to any hearing authorized by this subpart or any document forming part of the record of such a hearing may be inspected and/or copied in the Office of the Director, U.S. Fish and Wildlife Service, Washington, DC 20240, unless the file is in the care and custody of the presiding officer, in which case he shall notify the parties as to where and when the record may be inspected.

§ 18.80 Ex parte communications.

(a) After notice of a hearing is published in the Federal Register, all communications, whether oral or written, involving any substantive or procedural issue and directed either to the presiding officer or to the Director, Deputy Director or Marine Mammal Coordinator, U.S. Fish and Wildlife Service, without reference to these rules of procedure, shall be deemed ex parte communications and are not to be considered part of the record for decision.

(b) A record of oral conversations shall be made by the above persons who are contacted. All communications shall be available for public viewing at times and place(s) specified in the notice of hearing.

(c) The presiding officer shall not communicate with any party on any fact in issue or on the merits of the matter unless notice and opportunity is given for all parties to participate.

§ 18.81 Prehearing conference.

(a) After an examination of all the direct testimony submitted pursuant to § 18.77, the presiding officer shall make a preliminary determination of issues of fact which may be addressed at the hearing.

(b) The presiding officer’s preliminary determination shall be made available at the place or places provided in the notice of the hearing (§ 18.74(b)(8)) at least five days before the prehearing conference is held.

(c) The purpose of the prehearing conference shall be to enable the presiding officer to determine, on the basis of the direct testimony submitted and prehearing discussions:

1. Whether the presiding officer’s preliminary determination of issues of fact for the hearing has omitted any significant issues;
2. What facts are not in dispute;
3. Which witnesses may appear at the hearing; and
4. The nature of the interest of each party and which parties’ interests are adverse.

(d) Only parties may participate in the prehearing conference, and a party may appear in person or be represented by counsel.

§ 18.82 Prehearing order.

(a) After the prehearing conference, the presiding officer shall prepare a prehearing order which shall be published in the Federal Register within ten days after the conclusion of the conference. A copy of the prehearing order shall be mailed to all Parties.

(b) The prehearing order shall list:

1. All the issues which the hearing shall address, the order in which those issues shall be presented, and the direct testimony submitted which bears on the issues; and
2. A final date for submission of direct testimony on issues of fact not included in the notice of hearing if such issues are presented. The prehearing order may also specify a final date for submission of direct testimony to rebut testimony previously submitted during the time specified in the notice of the hearing.

(c) The presiding officer shall publish with the prehearing order a list of witnesses who may appear at the hearing, a list of parties, the nature of the interest of each party, and which parties interests are adverse on the issues presented.

(d) All parties shall be bound by the prehearing order.
§ 18.83 Determination to cancel the hearing.

(a) If the presiding officer determines that no issues of material fact are presented by the direct testimony submitted prior to the date of the hearing, he may publish in the Federal Register such determination and that no issues of material fact a hearing shall not be held. The presiding officer may provide an opportunity for argument on any issues of law presented by the direct testimony.

(b) Promptly after oral argument, if any, the presiding officer shall make a recommended decision based on the record, which in this case shall consist of the direct testimony and any oral argument presented. He shall transmit to the Director his recommended decision, the record and a certificate stating that the record contains all the written direct testimony. The Director shall then make a final decision in accordance with these regulations (§ 18.91).

§ 18.84 Rebuttal testimony and new issues of fact in prehearing order.

(a) Direct testimony to rebut testimony offered during the time period specified in the notice of hearing may be submitted pursuant to these regulations within fifteen days after the conclusion of the prehearing conference unless the presiding officer otherwise specifies in the prehearing order.

(b) If the prehearing order presents issues not included in the notice of the hearing published pursuant to § 18.74:

(1) Any person interested in participating at the hearing on such issues presented shall notify the Director by certified mail of an intent to participate not later than ten days after publication of the prehearing order. Such person may present direct testimony or cross-examine witnesses only on such issues presented unless he previously notified the Director pursuant to § 18.75; and

(2) Additional written direct testimony concerning such issues may be submitted within the time provided in the prehearing order. Such direct testimony will comply with the requirements of § 18.77.

§ 18.85 Waiver of right to participate.

Any person who fails to notify the Director of his intent to participate pursuant to § 18.75 or § 18.84 shall be deemed to have waived his right to participate as a party.

§ 18.86 Conduct of the hearing.

(a) The hearing shall be held at the time and place fixed in the notice of hearing, unless the presiding officer changes the time or place. If a change occurs, the presiding officer shall publish the change in the Federal Register and shall expeditiously notify all parties by telephone or by mail. If the change in time or place of hearing is made less than five days before the date previously fixed for the hearing, the presiding officer shall also announce, or cause to be announced, the change at the time and place previously fixed for the hearing.

(b) The presiding officer shall, at the commencement of the hearing, introduce into the record the notice of hearing as published in the Federal Register, all subsequent notices published in the Federal Register, the Environmental Impact Statement if it is required and the comments thereon and agency responses to the comments, and a list of all parties. Direct testimony shall then be received with respect to the matters specified in the prehearing order in such order as the presiding officer otherwise specifies in the prehearing order.

(c) The hearing shall be publicly conducted and reported verbatim by an official reporter.

(d) If a party objects to the admission or rejection of any direct testimony or to any other ruling of the presiding officer during the hearing, he shall state briefly the grounds of such objection, whereupon an automatic exception will follow if the objection is overruled by the presiding officer. The ruling of the presiding officer on any objection shall be a
§ 18.87 Direct testimony.

(a) Only direct testimony submitted as provided in these regulations and introduced at the hearing by a witness shall be considered part of the record. Such direct testimony, when written, shall not be read into evidence but shall become a part of the record subject to exclusion of irrelevant and immaterial parts thereof.

(b) The witness introducing direct testimony shall:

(1) State his name, address and occupation;
(2) State qualifications for introducing the direct testimony. If an expert, the witness shall briefly state the scientific or technical training which qualifies him as an expert;
(3) Identify the direct testimony previously submitted in accordance with these regulations; and
(4) Submit to appropriate cross- and direct-examination. Cross-examination shall be by a party whose interests are adverse on the issue presented to the witness if the witness is a party, or to the interests of the party who presented the witness.

(c) A party shall be deemed to have waived the right to introduce direct-testimony if such party fails to present a witness to introduce the direct-testimony.

(d) Official notice may be taken of such matters as are judicially noticed by the courts of the United States. Parties shall be given adequate notice, by the presiding officer, at the hearing, of matters so noticed and shall be given adequate opportunity to show that such facts are inaccurate or are erroneously noticed.

§ 18.88 Cross-examination.

(a) The presiding officer may:

(1) Require the cross-examiner to outline the intended scope of the examination; and
(2) Exclude cross-examination questions that are immaterial, irrelevant or unduly repetitious.

(b) Any party shall be given an opportunity to appear, either in person or through an authorized counsel or representative, to cross-examine witnesses. Before cross-examining a witness, the party or counsel shall state his name, address and occupation. If counsel cross-examines the witness, counsel shall state for the record the authority to act as counsel. Cross-examiners shall be assumed to be familiar with the direct testimony.

(c) Any party or party’s counsel who fails to appear at the hearing to cross-examine an “adverse” witness shall be deemed to have waived the right to cross-examine that witness.

(d) Scientific, technical or commercial publications may only be utilized for the limited purposes of impeaching witnesses under cross-examination unless previously submitted and introduced in accordance with these regulations.

§ 18.89 Oral and written arguments.

(a) The presiding officer may, in his discretion, provide for oral argument by parties at the end of the hearing. Such argument, when permitted, may be limited by the presiding officer to the extent necessary for the expeditious disposition of the proceeding.

(b) The presiding officer shall announce at the hearing a reasonable period of time within which any party may file with the presiding officer proposed findings and conclusions and written arguments or briefs, which are based upon the record and citing where practicable the relevant page or pages of the transcript. If a party filing a brief desires the presiding officer to reconsider any objection made by such party to a ruling of the presiding officer, he shall specifically identify such rulings by reference to the pertinent pages of the transcript and shall state his arguments thereon as a part of the brief.

(c) Oral or written arguments shall be limited to issues arising from direct testimony on the record.
§ 18.90 Recommended decision, certification of the transcript and submission of comments on the recommended decision.

(a) Promptly after expiration of the period for receiving written briefs, the presiding officer shall make a recommended decision based on the record and transmit the decision to the Director. The recommended decision shall include:

(1) A statement containing a description of the history of the proceedings;

(2) Findings on the issues of fact with the reasons therefor; and

(3) Rulings on issues of law.

(b) The presiding officer shall also transmit to the Director the transcript of the hearing, the original and all copies of the direct testimony, and written comments. The presiding officer shall attach to the original transcript of the hearing a certificate stating that to the best of his knowledge and belief the transcript is a true transcript of the testimony given at the hearing except in such particulars as are specified.

(c) Upon receipt of the recommended decision, the Director shall send a copy thereof to each party by certified mail and shall publish in the FEDERAL REGISTER a notice of the receipt of the recommended decision by the Director. The notice shall include:

(1) A summary of the recommended decision;

(2) A statement that any interested person may file written comments on the recommended decision with the Director by a specified date;

(3) The time(s) and place(s) where the record of the hearing transmitted to the Director pursuant to paragraph (b) of this section may be inspected by interested persons; and

(4) The time(s) and place(s) where the recommended decision may be inspected and/or copied by interested persons.

(d) Within thirty days after the notice of receipt of the recommended decision has been published in the FEDERAL REGISTER, any interested person may file with the Director any written comments on the recommended decision. All comments, including recommendations from or consultation with the Marine Mammal Commission, must be submitted during the thirty-day period to the Director at the above address.

§ 18.91 Director's decision.

(a) Upon receipt of the recommended decision and transcript and after the thirty-day period for receiving written comments on the recommended decision has passed, the Director shall make a final decision on the proposed regulations and waiver, where applicable. The Director's decision may affirm, modify, or set aside, in whole or in part, the recommended findings, conclusions and decision of the presiding officer. The Director may also remand the hearing record to the presiding officer for a fuller development of the record.

(b) The Director's decision shall include:

(1) A statement containing a description of the history of the proceeding;

(2) Findings on the issues of fact with the reasons therefor;

(3) Rulings on issues of law; and

(4) Any other relevant information which the Director deems appropriate.

(c) The Director's decision shall be published in the FEDERAL REGISTER. If the waiver is approved, the final adopted regulations shall be promulgated with the decision, or as soon thereafter as practicable.

Subpart H—Waiver of Moratorium on Taking and Importation of Individual Marine Mammal Species

SOURCE: 41 FR 14373, Apr. 5, 1976, unless otherwise noted.

§ 18.92 Purpose of regulations.

The regulations contained in this subpart fulfill the requirements of section 103 of the Act for regulations to govern the taking and importation of each species of marine mammal for which the moratorium imposed by section 101 has been waived.

§ 18.93 Scope of regulations.

(a) The provisions in this subpart apply only after (1) the Director has made a decision to waive a moratorium pursuant to section 101(a)(3)(A) of the Act, (2) the opportunity for a hearing
§ 18.94 Pacific walrus (Alaska).

(a) Pursuant to sections 101(a)(3)(A) 103, and 109 of the Marine Mammal Protection Act of 1972, the moratorium on the hunting and killing of Pacific walrus (Odobenus rosmarus) in waters or on lands subject to the jurisdiction of the State of Alaska, the United States, or on the high seas by any person, vessel, or conveyance subject to the jurisdiction of the State of Alaska or the United States, is waived, provided that beginning August 2, 1979 this waiver shall not be effective, and no taking or importation under the waiver shall be allowed, until this section is amended to establish regulations to effectively control taking and otherwise implement the waiver.

(b) [Reserved]

[41 FR 14373, Apr. 5, 1976, as amended at 44 FR 45566, Aug. 2, 1979]

Subpart J—Taking of Marine Mammals Incidental to Oil and Gas Exploration, Development, and Production Activities in the Beaufort Sea and Adjacent Northern Coast of Alaska

SOURCE: 58 FR 60410, Nov. 16, 1993, unless otherwise noted.

EFFECTIVE DATE NOTE: At 58 FR 60410, Nov. 16, 1993, subpart J was added to part 18, effective Dec. 16, 1993 through June 16, 1995. At 60 FR 31258, June 14, 1995, the effective date was extended for 60 days through Aug. 15, 1995. At 60 FR 42805, Aug. 17, 1995, the effective date was further extended through Dec. 15, 1998.

§ 18.121 Specified activity and specified geographical region.

Regulations in this subpart apply to the incidental, but not intentional, take of polar bear and walrus by U.S. citizens (as defined in §18.27(c)) engaged in oil and gas exploration, development, and production activities in the Beaufort Sea and adjacent northern coast of Alaska. The specified geographical area is defined by a North/South line at Barrow, Alaska, and includes all Alaska State waters, and Outer Continental Shelf waters east of that line to the Canadian border and an area 25 miles inland from Barrow on the west to the Canning River on the east. The Arctic National Wildlife Refuge is excluded.

[EFFECTIVE DATE NOTE: At 60 FR 42809, Aug. 17, 1995, §18.121 was amended by removing "Outer Continental Shelf waters each of" and adding in its place "Outer Continental Shelf waters east of", effective Aug. 15, 1995 through Dec. 15, 1998.]

§ 18.122 Effective dates.

Regulations in this subpart will continue in effect through December 15, 1998, for oil and gas exploration, development, and production activities.

[EFFECTIVE DATE NOTE: At 60 FR 42809, Aug. 17, 1995, §18.122 was revised, effective Aug. 15, 1995 through Dec. 15, 1998.]

§ 18.123 Permissible methods.

(a) The incidental, but not intentional, take of polar bear and walrus by U.S. citizens holding a Letter of Authorization (see §18.128) is permitted for takes resulting from:

1. Activities associated with conducting geological and geophysical surveys;

2. Activities associated with drilling exploratory wells and associated activities; and

3. Activities associated with drilling production wells and performing production support operations.

(b) The methods and activities identified in §18.123(a) must be conducted in a manner that minimizes to the
§ 18.127 Requirements for monitoring and reporting.

(a) Holders of Letters of Authorization are required to cooperate with the Service and other designated Federal, State, or local agencies to monitor the impacts of oil and gas exploration, development and production activities on polar bear and walrus.

(b) Holders of Letters of Authorization must designate a qualified individual or individuals to observe and record the effects of the activities on polar bear and walrus.

(c) When applying for a Letter of Authorization, the applicant must include a site-specific plan to monitor the effects of the activity on the populations of polar bear and walrus that are present during the ongoing activities. This plan, which must be approved by the Service's Alaska Regional Director, must identify the survey techniques that will be utilized to determine the actions of the polar bear and walrus in response to the ongoing activity. The monitoring program must document the actions of these marine mammals and estimate the actual level of take. The monitoring requirements will vary depending on the activity, the location, and the time.

(d) If the activity is planned in polar bear habitat, the operator must develop a polar bear awareness and interaction plan subject to approval by the Service. For the protection of human life and welfare, each employee on site must complete a basic polar bear encounter training course.

(e) At its discretion, the Service may place an observer on site of the activity, on board drillships, drill rigs, aircraft, icebreakers, or other support
§ 18.128 Letters of Authorization.

(a) Each person or entity conducting an oil and gas exploration, development, or production activity in the geographical area described in § 18.121, that may take a polar bear or walrus in execution of those activities, should apply for a Letter of Authorization for each exploration activity or a Letter of Authorization for each development and production area. The application for authorization must be submitted to the Service’s Alaska Regional Director at least 90 days prior to the start of the proposed activity.

Note: The requirement that an application for a Letter of Authorization be filed at least 90 days before an activity is scheduled to begin becomes effective March 6, 1994. The final regulations in this subpart become effective December 16, 1993.

(b) When an application for a Letter of Authorization is submitted, it must include the following information:

(1) A description of the activity, the dates and duration, the specific location and the estimated area affected by that activity;

(2) A plan to monitor the behavior and effects of the activity on polar bear and walrus; and

(3) A polar bear awareness and interaction plan.

(4) Where relevant, a cooperation plan that describes the measures to be taken to mitigate potential conflicts between the proposed activity and subsistence hunting.

(c) In accordance with §18.27(f), decisions made concerning withdrawals of Letters of Authorization, either on an individual or class basis, with regard to factors other than the term of Letters of Authorization, will be made only after notice and opportunity for public comment.

(d) The requirement for notice and public comment in §18.128(c) will not apply should the Service determine that an emergency exists that poses a significant risk to the well-being of the species or stock of polar bear or walrus.

§ 18.129 Information collection requirements.

(a) The collections of information contained in this subpart have been approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3501 et seq.) and assigned clearance number 1018-0070. It is necessary to collect the information in order to describe the activity and estimate the cumulative impacts of potential takings by all persons conducting the activity. The information is used to evaluate the application and determine whether to issue specific regulations and, subsequently, Letters of Authorization.

(b) The public burden associated with the 5-year period potentially covered by this is estimated at 5,802 hours including 1,002 hours to complete the three applications for specific regulations (334 hours each), 720 hours to complete 90 applications for Letters of Authorization (8 hours each), 2,880 hours to comply with recordkeeping requirements associated with 90 Letters of Authorization, and 1,200 hours to complete 150 required annual reports (8 hours each). Direct comments regarding the burden estimate or any other aspect of this requirement to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, Department of the Interior, Mail Stop 224 ARLSQ, 1849 C Street, NW., Washington, DC 20240, and the Office of Management and Budget, Paperwork Reduction Project (1018-0070), Washington, DC 20503.
PART 19—AIRBORNE HUNTING

Subpart A—Introduction

§ 19.1 Purpose of regulations.

The regulations contained in this part provide rules relative to the prohibition against shooting or harassing of wildlife from any aircraft, provide the requirements for the contents and filing of annual reports by the States regarding permits issued for such shooting or harassing, and provide regulations necessary for effective enforcement of the Fish and Wildlife Act of 1956 as amended (16 U.S.C. 742a—j–1).

§ 19.2 Scope of regulations.

The regulations contained in this part apply to all persons within the territorial jurisdiction of the United States, to all United States citizens whether within the territorial jurisdiction of the United States or on the high seas or on board aircraft in flight over the high seas, and to all persons on board aircraft belonging in whole or in part to any United States citizen, firm, or partnership, or corporation created by or under the laws of the United States, or any State, territory or possession thereof.

Subpart B—Prohibitions

§ 19.11 General prohibitions.

(a) Except as otherwise authorized by the Fish and Wildlife Act of 1956 as amended, no person shall:

(1) While airborne in any aircraft shoot or attempt to shoot for the purpose of capturing or killing any wildlife;

(2) Use an aircraft to harass any wildlife; or

(3) Knowingly participate in using an aircraft whether in the aircraft or on the ground for any purpose referred to in paragraph (a) (1) or (2) of this section.

(b) The acts prohibited in this section include, but are not limited to, any person who:

(1) Pilots or assists in the operation of an aircraft from which another person shoots or shoots at wildlife while airborne, or

(2) While on the ground takes or attempts to take any wildlife by means, aid, or use of an aircraft.
§ 19.12 Exceptions to general prohibitions.

The prohibitions of the preceding section shall not apply to any person who:

(1) Is acting within the scope of his official duties as an employee or authorized agent of a State or the United States to administer or protect or aid in the administration or protection of land, water, wildlife, livestock, domesticated animals, human life or crops; or

(2) Is acting within the limitations of a permit referred to in § 19.21 or § 19.31 of this part.

Subpart C—Federal Permits

§ 19.21 Limitation on Federal permits.

No Federal permits will be issued to authorize any person to hunt, shoot, or harass any wildlife from an aircraft, except for Federal permits to scare or herd migratory birds referred to in § 21.41 of this subchapter.

Subpart D—State Permits and Annual Report Requirements

§ 19.31 State permits.

(a) Except as provided in §19.3, States may issue permits to persons to engage in airborne hunting or harassing of wildlife for purposes of administering or protecting land, water, wildlife, livestock, domestic animals, human life or crops. States may not issue permits for the purpose of sport hunting.

(b) Upon issuance of a permit by a State to a person pursuant to this section, the issuing authority will provide immediate notification to the Special Agent in Charge having jurisdiction according to §10.22.

§ 19.32 Annual reporting requirements.

(a) Any State issuing permits to persons to engage in airborne hunting or harassing of wildlife or any State whose employees or agents participate in airborne hunting or harassing of wildlife for purposes of administering or protecting land, water, wildlife, livestock, domestic animals, human life or crops, shall file with the Director, an annual report on or before July 1 for the preceding calendar year ending December 31.

(b) The annual report required by this section shall contain the following information as to each such permit issued:

(1) The name and address of each person to whom a permit was issued.

(2) Permit number and inclusive dates during which permit was valid.

(3) The aircraft number of the aircraft used and the location where such aircraft was based.

(4) Common name and number of the wildlife for which authorization to take was given and a description of the area from which the wildlife were authorized to be taken.

(5) The purpose for which the permit was issued, specifically identifying whether the permit was issued to protect land, water, wildlife, livestock, domestic animals, crops, or human life.

(6) The common name and number of wildlife taken by permittees and State employees or agents.

(c) A compilation of all annual reports required by this section shall be made by the Director and furnished to any State filing such annual report.
U.S. Fish and Wildlife Serv., Interior § 20.1

20.37 Custody of birds of another. 20.38 Possession of live birds. 20.39 Termination of possession. 20.40 Gift of migratory game birds.

Subpart E—Transportation Within the United States

20.41 Prohibited if taken in violation of subpart C. 20.42 Transportation of birds of another. 20.43 Species identification requirement. 20.44 Marking package or container.

Subpart F—Exportation

20.51 Prohibited if taken in violation of subpart C. 20.52 Species identification requirement. 20.53 Marking package or container.

Subpart G—Importations

20.61 Importation limits. 20.62 Importation of birds of another. 20.63 Species identification requirement. 20.64 Foreign export permits. 20.65 Processing requirement. 20.66 Marking of package or container.

Subpart H—Federal, State, and Foreign Law

20.71 Violation of Federal law. 20.72 Violation of State law. 20.73 Violation of foreign law.

Subpart I—Migratory Bird Preservation Facilities

20.81 Tagging requirement. 20.82 Records required. 20.83 Inspection of premises.

Subpart J—Feathers or Skins

20.91 Commercial use of feathers. 20.92 Personal use of feathers or skins.

Subpart K—Annual Seasons, Limits, and Shooting Hours Schedules

20.100 General provisions. 20.101 Seasons, limits, and shooting hours for Puerto Rico and the Virgin Islands. 20.102 Seasons, limits, and shooting hours for Alaska. 20.103 Seasons, limits, and shooting hours for mourning and white-winged doves and wild pigeons. 20.104 Seasons, limits, and shooting hours for rails, woodcock, and common (Wilson’s) snipe. 20.105 Seasons, limits, and shooting hours for waterfowl, coots, and gallinules. 20.106 Seasons, limits, and shooting hours for sandhill cranes.
§ 20.2  Relation to other provisions.

(a) Migratory bird permits. The provisions of this part shall not be construed to alter the terms of any permit or other authorization issued pursuant to part 21 of this subchapter.

(b) Migratory bird hunting stamps. The provisions of this part are in addition to the provisions of the Migratory Bird Hunting Stamp Act of 1934 (48 Stat. 451, as amended; 16 U.S.C. 718a).

(c) National wildlife refuges. The provisions of this part are in addition to, and are not in lieu of, any other provision of law respecting migratory game birds under the National Wildlife Refuge System Administration Act of 1966 (80 Stat. 927, as amended; 16 U.S.C. 668dd) or any regulation made pursuant thereto.

(d) State Laws for the protection of migratory birds. No statute or regulation of any State shall be construed to relieve a person from the restrictions, conditions, and requirements contained in this part, however, nothing in this part shall be construed to include the first and last days thereof.

Subpart B—Definitions

§ 20.11  Meaning of terms.

For the purpose of this part, the following terms shall be construed, respectively, to mean and to include:

(a) Migratory game birds means those migratory birds included in the terms of conventions between the United States and any foreign country for the protection of migratory birds, for which open seasons are prescribed in this part and belong to the following families:

(1) Anatidae (ducks, geese [including brant] and swans);
(2) Columbidae (doves and pigeons);
(3) Gruidae (cranes);
(4) Rallidae (rails, coots and gallinules); and
(5) Scolopacidae (woodcock and snipe).

A list of migratory birds protected by the international conventions and the Migratory Bird Treaty Act appears in §10.13 of this subchapter.

(b) Seasons—(1) Open season means the days on which migratory game birds may lawfully be taken. Each period prescribed as an open season shall be construed to include the first and last days thereof.
(2) Closed season means the days on which migratory game birds shall not be taken.

(c) Bag limits—(1) Aggregate bag limit means a condition of taking in which two or more usually similar species may be bagged (reduced to possession) by the hunter in predetermined or unpredetermined quantities to satisfy a maximum take limit.
(2) Daily bag limit means the maximum number of migratory game birds of single species or combination (aggregate) of species permitted to be taken by one person in any one day during the open season in any one specified geographic area for which a daily bag limit is prescribed.
(3) Aggregate daily bag limit means the maximum number of migratory game birds permitted to be taken by one person in any one day during the open season when such person hunts in more than one specified geographic area and/or for more than one species for which a combined daily bag limit is prescribed. The aggregate daily bag limit is equal to, but shall not exceed, the largest daily bag limit prescribed for any one species or for any one specified geographic area in which taking occurs.
(4) Possession limit means the maximum number of migratory game birds permitted to be possessed by any one person when lawfully taken in the United States in any one specified geographic area for which a possession limit is prescribed.
(5) Aggregate possession limit means the maximum number of migratory game birds of a single species or combination of species taken in the United States permitted to be possessed by
any one person when taking and possession occurs in more than one specified geographic area for which a possession limit is prescribed. The aggregate possession limit is equal to, but shall not exceed, the largest possession limit prescribed for any one of the species or specified geographic areas in which taking and possession occurs.

(d) Personal abode means one's principal or ordinary home or dwelling place, as distinguished from one's temporary or transient place of abode or dwelling such as a hunting club, or any club house, cabin or trailer house used as a hunting club, or any hotel, motel or rooming house used during a hunting, pleasure or business trip.

(e) Migratory bird preservation facility means:

(1) Any person who, at their residence or place of business and for hire or other consideration; or

(2) Any taxidermist, cold-storage facility or locker plant which, for hire or other consideration; or

(3) Any hunting club which, in the normal course of operations receives, possesses, or has in custody any migratory game birds belonging to another person for purposes of picking, cleaning, freezing, processing, storage or shipment.

(f) Paraplegic means an individual afflicted with paralysis of the lower half of the body with involvement of both legs, usually due to disease of or injury to the spinal cord.

[53 FR 24290, June 28, 1988]

Subpart C—Taking

§ 20.20 Migratory Bird Harvest Information Program.

(a) Information collection requirements. The collections of information contained in §20.20 have been approved by the Office of Management and Budget under 44 U.S.C. 3501 et seq. and assigned clearance number 1018–0015. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The information will be used to provide a sampling frame for the national Migratory Bird Harvest Survey. Response is required from licensed hunters to obtain the benefit of hunting migratory game birds. Public reporting burden for this information is estimated to average 2 minutes per response for 3,300,000 respondents, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Thus the total annual reporting and record-keeping burden for this collection is estimated to be 112,000 hours. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Service Information Collection Clearance Officer, ms–224 ARL SQ, Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project 1018–0015, Washington, DC 20503.

(b) General provisions. Each person hunting migratory game birds in any State except Hawaii must have identified himself or herself as a migratory bird hunter and given his or her name, address, and date of birth to the respective State hunting licensing authority and must have on his or her person evidence, provided by that State, of compliance with this requirement.

(c) Tribal exemptions. Nothing in paragraph (b) of this section shall apply to tribal members on Federal Indian Reservations or to tribal members hunting on ceded lands.

(d) State exemptions. Nothing in paragraph (b) of this section shall apply to those hunters who are exempt from State-licensing requirements in the State in which they are hunting.

(e) State responsibilities. The State hunting licensing authority will ask each licensed migratory bird hunter in the respective State to report approximately how many ducks, geese, doves, and woodcock he or she bagged the previous year, whether he or she hunted coots, snipe, rails, and/or gallinules the previous year, and, in States that have band-tailed pigeon hunting seasons, whether he or she intends to hunt band-tailed pigeons during the current year.

§ 20.21 Hunting methods.

Migratory birds on which open seasons are prescribed in this part may be taken by any method except those prohibited in this section. No persons shall take migratory game birds:

(a) With a trap, snare, net, rifle, pistol, swivel gun, shotgun larger than 10 gauge, punt gun, battery gun, machine-gun, fish hook, poison, drug, explosive, or stupefying substance;

(b) With a shotgun of any description capable of holding more than three shells, unless it is plugged with a one-piece filler, incapable of removal without disassembling the gun, so its total capacity does not exceed three shells;

(c) From or by means, aid, or use of a sinkbox or any other type of low floating device, having a depression affording the hunter a means of concealment beneath the surface of the water;

(d) From or by means, aid, or use of any motor vehicle, motor-driven land conveyance, or aircraft of any kind, except that paraplegics and persons missing one or both legs may take from any stationary motor vehicle or stationary motor-driven land conveyance;

(e) From or by means of any motorboat or other craft having a motor attached, or any sailboat, unless the motor has been completely shut off and/or the sails furled, and its progress therefrom has ceased: Provided, That a craft under power may be used to retrieve dead or crippled birds; however, crippled birds may not be shot from such craft under power except in the seaduck area as permitted in subpart K of this part;

(f) By the use or aid of live birds as decoys; although not limited to, it shall be a violation of this paragraph for any person to take migratory waterfowl on an area where tame or captive live ducks or geese are present unless such birds are and have been for a period of 10 consecutive days prior to such taking, confined within an enclosure which substantially reduces the audibility of their calls and totally conceals such birds from the sight of wild migratory waterfowl;

(g) By the use or aid of recorded or electrically amplified bird calls or sounds, or recorded or electrically amplified imitations of bird calls or sounds;

(h) By means or aid of any motor-driven land, water, or air conveyance, or any sailboat used for the purpose of or resulting in the concentrating, driving, rallying, or stirring up of any migratory bird;

(i) By the aid of baiting, or on or over any baited area. As used in this paragraph, “baiting” shall mean the placing, exposing, depositing, distributing, or scattering of shelled, shucked, or unshucked corn, wheat or other grain, salt, or other feed so as to constitute for such birds a lure, attraction or enticement to, on, or over any areas where hunters are attempting to take them; and “baited area” means any area where shelled, shucked, or unshucked corn, wheat or other grain, salt, or other feed whatsoever capable of luring, attracting, or enticing such birds is directly or indirectly placed, exposed, deposited, distributed, or scattered; and such area shall remain a baited area for 10 days following complete removal of all such corn, wheat or other grain, salt, or other feed. However, nothing in this paragraph shall prohibit:

(1) The taking of all migratory game birds, including waterfowl, on or over standing crops, flooded standing crops (including aquatics), flooded harvested croplands, grain crops properly shocked under power except in the seaduck area as permitted in subpart K of this part;

(2) The taking of all migratory game birds, except waterfowl, on or over any lands where shelled, shucked, or unshucked corn, wheat or other grain, salt, or other feed has been distributed or scattered as the result of bona fide agricultural operations or procedures, or as a result of manipulation of a crop or other feed on the land where grown for wildlife management purposes: Provided, That manipulation for wildlife management purposes does not include the distributing or scattering of grain or other feed once it has been removed from or stored on the field where grown;

(j) While possessing shot (either in shotshells or as loose shot for muzzle-loading) other than steel shot, or bismuth-tin (97 parts bismuth: 3 parts tin with <1 percent residual lead) shot, or
§ 20.26 Emergency closures.

(a) The Director may close or temporarily suspend any season established under subpart K of this part:

(1) Upon a finding that a continuation of such a season would constitute an imminent threat to the safety of any endangered or threatened species or other migratory bird populations.

(2) Upon issuance of local public notice by such means as publication in local newspapers of general circulation, posting of the areas affected, notifying the State wildlife conservation agency, and announcement on local radio and television.

(b) Any such closure or temporary suspension shall be announced by publication of a notice to that effect in the Federal Register simultaneous with the local public notice referred to in paragraph (a)(2) of this section. However, in the event that it is impractical to publish a Federal Register notice simultaneously, due to the restriction in time available and the nature of the particular emergency situation, such notice shall follow the steps outlined in paragraph (a) of this section as soon as possible.

(c) Any closure or temporary suspension under this section shall be effective on the date of publication of the Federal Register notice; or if such notice is not published simultaneously, then on the date and at the time specified in the local notification to the public. Every notice of closure shall include the date and time of closing of the season and the area or areas affected. In the case of a temporary suspension, the date and time when the season may be resumed shall be provided by a subsequent local notification to the public, and by publication in the Federal Register.

[41 FR 31536, July 29, 1976]
§ 20.31  Prohibited if taken in violation of subpart C.
No person shall at any time, by any means, or in any manner, possess or have in custody any migratory game bird or part thereof, taken in violation of any provision of subpart C of this part.

§ 20.32  During closed season.
No person shall possess any freshly killed migratory game birds during the closed season.

§ 20.33  Possession limit.
No person shall possess more migratory game birds taken in the United States than the possession limit or the aggregate possession limit, whichever applies.

§ 20.34  Opening day of a season.
No person on the opening day of the season shall possess any freshly killed migratory game birds in excess of the daily bag limit, or aggregate daily bag limit, whichever applies.

§ 20.35  Field possession limit.
No person shall possess, have in custody, or transport more than the daily bag limit or aggregate daily bag limit, whichever applies, of migratory game birds, tagged or not tagged, at or between the place where taken and either (a) his automobile or principal means of land transportation; or (b) his personal abode or temporary or transient place of lodging; or (c) a migratory bird preservation facility; or (d) a post office; or (e) a common carrier facility.

§ 20.36  Tagging requirement.
No person shall put or leave any migratory game birds at any place (other than at his personal abode), or in the custody of another person for picking, cleaning, processing, shipping, transportation, or storage (including temporary storage), or for the purpose of having taxidermy services performed, unless such birds have a tag attached, signed by the hunter, stating his address, the total number and species of birds, and the date such birds were killed. Migratory game birds being transported in any vehicle as the personal baggage of the possessor shall not be considered as being in storage or temporary storage.

§ 20.37  Custody of birds of another.
No person shall receive or have in custody any migratory game birds belonging to another person unless such birds are tagged as required by §20.36.

§ 20.38  Possession of live birds.
Every migratory game bird wounded by hunting and reduced to possession by the hunter shall be immediately killed and become a part of the daily bag limit. No person shall at any time, or by any means, possess or transport live migratory game birds taken under authority of this part.

§ 20.39  Termination of possession.
Subject to all other requirements of this part, the possession of birds taken by any hunter shall be deemed to have ceased when such birds have been delivered by him to another person as a gift; or have been delivered by him to a post office, a common carrier, or a migratory bird preservation facility and consigned for transport by the Postal Service or a common carrier to some person other than the hunter.

§ 20.40  Gift of migratory game birds.
No person may receive, possess, or give to another, any freshly killed migratory game birds as a gift, except at the personal abodes of the donor or donee, unless such birds have a tag attached, signed by the hunter who took the birds, stating such hunter’s address, the total number and species of birds and the date such birds were taken.

§ 20.41  Prohibited if taken in violation of subpart C.
No person shall at any time, by any means, or in any manner, transport
§ 20.42 Transportation of birds of another.

No person shall transport migratory game birds belonging to another person unless such birds are tagged as required by §20.36.

§ 20.43 Species identification requirement.

No person shall transport within the United States any migratory game birds, except doves and band-tailed pigeons (Columba fasciata), unless the head or one fully feathered wing remains attached to each such bird at all times while being transported from the place where taken until they have arrived at the personal abode of the possessor or a migratory bird preservation facility.

[41 FR 31537, July 19, 1976]

§ 20.44 Marking package or container.

No person shall transport by the Postal Service or a common carrier migratory game birds unless the package or container in which such birds are transported has the name and address of the shipper and the consignee and an accurate statement of the numbers of each species of birds therein contained clearly and conspicuously marked on the outside thereof.

Subpart F—Exportation

§ 20.51 Prohibited if taken in violation of subpart C.

No person shall at any time, by any means, or in any manner, export or cause to be exported, any migratory game bird or part thereof, taken in violation of any provision of subpart C of this part.

§ 20.52 Species identification requirement.

No person shall export migratory game birds unless one fully feathered wing remains attached to each such bird while being transported from the United States and/or any of its possessions to any foreign country.

§ 20.53 Marking package or container.

No person shall export migratory game birds via the Postal Service or a common carrier unless the package or container has the name and address of the shipper and the consignee and an accurate statement of the numbers of each species of birds therein contained clearly and conspicuously marked on the outside thereof.

Subpart G—Importations

§ 20.61 Importation limits.

No person shall import migratory game birds in excess of the following importation limits:

(a) Doves and pigeons. (1) From any foreign country except Mexico, during any one calendar week beginning on Sunday, not to exceed 25 doves, singly or in the aggregate of all species, and 10 pigeons, singly or in the aggregate of all species.

(2) From Mexico, not to exceed the maximum number permitted by Mexican authorities to be taken in any one day.

(b) Waterfowl. (1) From any foreign country except Canada and Mexico, during any one calendar week beginning on Sunday, not to exceed 10 ducks, singly or in the aggregate of all species, and five geese including brant, singly or in the aggregate of all species.

[40 FR 36346, Aug. 20, 1975]
§ 20.62 Importation of birds of another.
No person shall import migratory game birds belonging to another person.

§ 20.63 Species identification requirement.
No person shall import migratory game birds unless each such bird has one fully feathered wing attached, and such wing must remain attached while being transported between the port of entry and the personal abode of the possessor or between the port of entry and a migratory bird preservation facility.

[41 FR 31537, July 19, 1976]

§ 20.64 Foreign export permits.
No person shall import, possess or transport, any migratory game birds killed in a foreign country unless such birds are accompanied by export permits, tags, or other documentation required by applicable foreign laws or regulations.

§ 20.65 Processing requirement.
No person shall import migratory game birds killed in any foreign country, except Canada, unless such birds are dressed (except as required in §20.63), drawn, and the head and feet are removed; Provided, That this shall not prohibit the importation of legally taken, fully feathered migratory game birds consigned for mounting purposes to a taxidermist who holds a current taxidermist permit issued to him pursuant to §21.24 of this chapter and who is also licensed by the U.S. Department of Agriculture to decontaminate such birds.

§ 20.66 Marking of package or container.
No person shall import migratory game birds via the Postal Service or a common carrier unless the package or container has the name and address of the shipper and the consignee and an accurate statement of the numbers of each species of birds therein contained clearly and conspicuously marked on the outside thereof.

50 CFR Ch. I (10-1-98 Edition)

Subpart H—Federal, State, and Foreign Law

§ 20.71 Violation of Federal law.
No person shall at any time, by any means or in any manner, take, possess, transport, or export any migratory bird, or any part, nest, or egg of any such bird, in violation of any act of Congress or any regulation issued pursuant thereto.

§ 20.72 Violation of State law.
No person shall at any time, by any means or in any manner, take, possess, transport, or export any migratory bird, or any part, nest, or egg of any such bird, in violation of any applicable law or regulation of any State.

§ 20.73 Violation of foreign law.
No person shall at any time, by any means, or in any manner, import, possess, or transport, any migratory bird, or any part, nest, or egg of any such bird taken, bought, sold, transported, possessed, or exported contrary to any applicable law or regulation of any foreign country, or State or province thereof.

Subpart I—Migratory Bird Preservation Facilities

§ 20.81 Tagging requirement.
No migratory bird preservation facility shall receive or have in custody any migratory game birds unless such birds are tagged as required by §20.36.

[41 FR 31537, July 29, 1976]

§ 20.82 Records required.
(a) No migratory bird preservation facility shall:
(1) Receive or have in custody any migratory game bird unless accurate records are maintained which can identify each bird received by, or in the custody of, the facility by the name of the person from whom the bird was obtained, and show (i) the number of each species; (ii) the location where taken; (iii) the date such birds were received; (iv) the name and address of the person from whom such birds were received; (v) the date such birds were disposed of; and (vi) the name and address of the
§ 20.83 Inspection of premises.

No migratory bird preservation facility shall prevent any person authorized to enforce this part from entering such facilities at all reasonable hours and inspecting the records and the premises where such operations are being carried.

[41 FR 31537, July 19, 1976]

§ 20.91 Commercial use of feathers.

Any person may possess, purchase, sell, barter, or transport for the making of fishing flies, bed pillows, and mattresses, and for similar commercial uses the feathers of migratory waterfowl (ducks, geese, brant, and swans) killed by hunting pursuant to this part, or seized and condemned by Federal or State game authorities, except that:

(a) No person shall purchase, sell, barter, or offer to purchase, sell, or barter for millinery or ornamental use the feathers of migratory game birds taken under authority of this part; and

(b) No person shall purchase, sell, barter, or offer to purchase, sell, or barter mounted specimens of migratory game birds taken under authority of this part.


§ 20.92 Personal use of feathers or skins.

Any person for his own use may possess, transport, ship, import, and export without a permit the feathers and skins of lawfully taken migratory game birds.

[41 FR 31537, July 19, 1976]
§ 20.102

with the use of nontoxic shot beginning in the 1991-92 waterfowl season.

[53 FR 24290, June 28, 1988]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.102 Seasons, limits, and shooting hours for Alaska.

This section provides for the annual hunting of certain waterfowl (ducks, tundra swans, geese, and brant), common snipe, and sandhill cranes in Alaska. In Alaska, the hunting of waterfowl must be with the use of nontoxic shot beginning in the 1991-92 waterfowl season.

[55 FR 35267, Aug. 28, 1990]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.103 Seasons, limits, and shooting hours for mourning and white-winged doves and wild pigeons.

This section provides for the annual hunting of certain doves and pigeons in the 48 contiguous United States. The mourning dove hunting regulations are arranged by the Eastern, Central, and Western Management Units.

[44 FR 7147, Feb. 6, 1979]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.104 Seasons, limits, and shooting hours for rails, woodcock, and common (Wilson's) snipe.

This section provides for the annual hunting of certain rails, woodcock, and snipe in the 48 contiguous United States.

[44 FR 7148, Feb. 6, 1979]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.105 Seasons, limits and shooting hours for waterfowl, coots, and gallinules.

This section provides for the annual hunting of certain waterfowl (ducks, geese [including brant]), coots and gallinules in the 48 contiguous United States. The regulations are arranged by the Atlantic, Mississippi, Central and Pacific Flyways. These regulations often vary within Flyways or States, and by time periods. Those areas of the United States outside of State boundaries, i.e., the United States’ territorial waters seaward of county boundaries, and including coastal waters claimed by the separate States, if not already included under the zones contained in § 20.108, are designated for the purposes of § 20.21(j) as nontoxic shot zones for waterfowl hunting beginning in the 1991-92 season.

[53 FR 24290, June 28, 1988, as amended at 56 FR 22102, May 13, 1991]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.106 Seasons, limits, and shooting hours for sandhill cranes.

This section provides for the annual hunting of sandhill cranes in designated portions of the 48 contiguous United States.

[55 FR 35267, Aug. 28, 1990]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.107 Seasons, limits, and shooting hours for tundra swans.

This section provides for the annual hunting of tundra swans in designated portions of the 48 contiguous United States.

[55 FR 39829, Sept. 28, 1990]
§ 20.108 Nontoxic shot zones.

Beginning September 1, 1991, the contiguous 48 United States, and the States of Alaska and Hawaii, the Territories of Puerto Rico and the Virgin Islands, and the territorial waters of the United States, are designated for the purpose of §20.21(j) as nontoxic shot zones for hunting waterfowl, coots and certain other species. “Certain other species” refers to those species, other than waterfowl or coots, that are affected by reason of being included in aggregate bags and concurrent seasons.
[56 FR 22102, May 13, 1991]

§ 20.109 Extended seasons, limits, and hours for taking migratory game birds by falconry.

This section provides annual regulations by which falconers may take permitted migratory game birds.
[44 FR 7148, Feb. 6, 1979]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 20.110 Seasons, limits, and other regulations for certain Federal Indian reservations, Indian Territory, and ceded lands.

This section provides for establishing annual migratory bird hunting regulations for certain tribes on Federal Indian reservations, Indian Territory, and ceded lands.
[50 FR 35764, Sept. 3, 1985]

EDITORIAL NOTE: For Federal Register citations affecting annual regulatory schedules for this section, see the List of CFR Sections Affected in the Finding Aids section of this volume.

Subpart L—Administrative and Miscellaneous Provisions

§ 20.131 Extension of seasons.

Whenever the Secretary shall find that emergency State action to prevent forest fires in any extensive area has resulted in the shortening of the season during which the hunting of any species of migratory game bird is permitted and that compensatory extension or reopening the hunting season for such birds will not result in a diminution of the abundance of birds to any greater extent than that contemplated for the original hunting season, the hunting season for the birds so affected may, subject to all other provisions of this subchapter, be extended or reopened by the Secretary upon request of the chief officer of the agency of the State exercising administration over wildlife resources. The length of the extended or reopened season in no event shall exceed the number of days during which hunting has been so prohibited. The extended or reopened season will be publicly announced.

§ 20.132 Subsistence use in Alaska.

(a) In Alaska, Eskimos and Indians may take, possess, and transport, in any manner and at any time, auks, auklets, guillemots, murres, and puffins and their eggs for food and their skins for clothing, but the birds and eggs so taken shall not be sold or offered for sale.

(b) In Alaska, any person may, for subsistence purposes, take, possess, and transport, in any manner and at any time, snow owls and cormorants and their eggs for food and their skins for clothing, but the birds and eggs so taken shall not be sold or offered for sale.

§ 20.133 Hunting regulations for crows.

(a) Crows may be taken, possessed, transported, exported, or imported, only in accordance with such laws or regulations as may be prescribed by a State pursuant to this section.

(b) Except in the State of Hawaii, where no crows shall be taken, States may by statute or regulation prescribe a hunting season for crows. Such State statutes or regulations may set forth the method of taking, the bag and possession limits, the dates and duration of the hunting season, and such other regulations as may be deemed appropriate, subject to the following limitations for each State:

(1) Crows shall not be hunted from aircraft;
(2) The hunting season or seasons on crows shall not exceed a total of 124 days during a calendar year;
(3) Hunting shall not be permitted during the peak crow nesting period within a State; and
(4) Crows may only be taken by firearms, bow and arrow, and falconry.

§ 20.134 Nontoxic shot.

(a) Approval. (1) The information collection requirements contained in §20.134 have been approved by the Office of Management and Budget under 44 U.S.C. 3501 et seq. and assigned clearance number 1018-0067. The information is being collected to provide a basis for which the Director, Fish and Wildlife Service, can conduct a methodical and objective review to approve/disapprove nontoxic shot status sought by an applicant. The information will be used for toxicity assessment of candidate shot submitted for approval by applicant. Response is required to obtain a benefit.

(2) The Director, U.S. Fish and Wildlife Service, shall determine that a specific type of shot material is acceptable for the purposes of 50 CFR 20.21(j), if after a review of applications and supporting data submitted in accordance with this section, together with all other relevant evidence, including public comment, it is concluded that the spent shot material does not impose a significant danger to migratory birds and other wildlife or their habitats.

(b) Application and review—Tiered strategy for approval of nontoxic shot and shot coating. (1) All applications for approval under this section must be submitted with supporting documentation to the Director in accordance with the following procedures and must include at a minimum the supporting materials and information covered by Tier 1 in the tiered approval system as follows:

(Tier 1) (i) A) Applicant provides statements of use, chemical characterization, production variability, volume of use of candidate material and shot sample as listed in paragraphs (b)(2)(i)(A) through (S), (b)(2)(i)(B)(1) thirteenths through (S), and (b)(2)(i)(C)(1) through (3) of this section. The candidate shot or shot coating may be chemically analyzed by the Service or an independent laboratory to compare the results with the applicant’s descriptions of shot composition and composition variability. Rejection of the application will occur if it is incomplete or if the composition of the candidate material, upon analysis, varies significantly from that described by the applicant.

(i) Statement of proposed use, i.e., purpose and types.

(ii) Description of the chemical composition of the intact material.

(i) Chemical names, Chemical Abstracts Service numbers (if available), and structures.

(ii) Chemical characterization for organics and organometallics for coating and core [e.g., empirical formula, melting point, molecular weight, solubility, specific gravity, partition coefficients, hydrolysis half-life, leaching rate (in water and soil), degradation half-life, vapor pressure, stability and other relevant characteristics].

(iii) Composition and weight of shot material.

(iv) Thickness, quantity (e.g., mg/shot), and chemical composition of shot coating.

(3) Statement of the expected variability of shot during production.

(4) Estimate of yearly volume of candidate shot and/or coated shot expected for use in hunting migratory birds in the U.S.

(5) Five pounds of the candidate shot and/or coated shot, as applicable, in size equivalent to United States standard size No. 4 (0.13 inches in diameter).

(B) Applicant provides information on the toxicological effects of the shot or shot coating as follows:

(1) A summary of the acute and chronic mammalian toxicity data of the shot or shot coating ranking its toxicity (e.g., LD50<5 mg/kg = super toxic, 5-50 mg/kg = extremely toxic, 50-500 mg/kg = very toxic, 500-5,000 mg/kg = moderately toxic, 5,000-15,000 = slightly toxic, >15,000 mg/kg = practically nontoxic) with citations.

(2) A summary of known acute, chronic, and reproductive toxicological data of the chemicals comprising the shot or shot coating with respect to birds, particularly waterfowl (include LD50 or LC50 data, and sublethal effects) with citations.

(3) A narrative description, with citations to relevant data, predicting the toxic effect in waterfowl of complete erosion and absorption of one shot or coated shot in a 24-hour period. Define
the nature of toxic effect (e.g., mortality, impaired reproduction, substantial weight loss, disorientation and other relevant associated clinical observations).

(4) A statement, with supporting rationale and citations to relevant data, that there is or is not any reasonable basis for concern for shot or coated shot ingestion by fish, amphibians, reptiles or mammals. If there is some recognized impact on fish, amphibians, reptiles, or mammals, the Service may require additional study.

(5) Summarize the toxicity data of chemicals comprising the shot or shot coating to aquatic and terrestrial invertebrates, fish, amphibians, reptiles, and mammals.

(C) Applicant provides information on the environmental fate and transport, if any, of the shot or shot coating as follows:

(1) A statement of the alteration of the shot or shot coating, chemically or physically, upon firing. The statement must describe any alterations.

(2) An estimate of the environmental half-life of the organic or organometallic component of the shot or shot coating, and a description of the chemical form of the breakdown products.

(3) Information on the Estimated Environmental Concentration (EEC) assuming 69,000 shot per hectare (Bellrose 1959; Pain 1990) for:

(i) A terrestrial ecosystem, assuming complete dissolution of material in 5 cm of soil. What would be the EEC and would that EEC exceed existing clean soil standards? (Environmental Protection Agency [EPA] standards for the Use of Disposal of Sewage Sludge: 40 CFR Part 503). How does the estimated EEC relate to the toxicity threshold for plants, invertebrates, fish and wildlife?

(ii) An aquatic ecosystem, assuming complete dissolution of the shot or shot coating in 1 cubic foot of water. What is the estimated EEC, and how does it compare to the EPA Water Quality Criteria and toxicity thresholds in plants, invertebrates, fish and wildlife?

(D) Service evaluation of an application.

(1) In reviewing the submission, the Service will use an exceedence of 1 LD50 square foot as the level of concern (U.S.E.P.A. 1992) as a criteria in the risk assessment.

(2) In cooperation with the applicant, the Service will conduct a risk assessment using the Quotient Method (Environmental Protection Agency 1986): Risk = EEC/Toxicological Level of Concern Compare EEC in ppm to an effect level (e.g., LD50 in ppm. If Q < 0.1 = No Adverse Effects; if 0.1 ≤ Q ≤ 10.0 = Possible Adverse Effects; if Q > 10.0 = Probable Adverse Effects.

(3) Upon receipt of the Tier 1 application, the Director will review it to determine if the submission is complete. If complete, the applicant is notified within 30 days of receipt that a thorough review of the application will commence. A Notice of Application will appear in the Federal Register announcing the initiation of review of a Tier 1 application. Complete review of a Tier 1 application will occur within 60 days of the date the Notice of Application is published in the Federal Register.

(E) If, after review of the Tier 1 data, the Service does not conclude that the shot or shot coating does not impose a significant danger to migratory birds, other wildlife, and their habitats, the applicant is advised to proceed with the additional testing described for Tier 2, Tier 3, or both. A Notice of Review will inform the public that Tier 1 test results are inconclusive, and Tier 2, Tier 3, or both testing are required before further consideration.

(F) If review of the Tier 1 data results in a preliminary determination that the candidate material does not impose a significant danger to migratory birds, other wildlife, and their habitats, the Director will publish in the Federal Register a proposed rule stating the Service's intention to approve this shot or shot coating based on the toxicological report and toxicity studies. The rulemaking will include a description of the chemical composition of the candidate shot or shot coating, and a synopsis of findings under the standards required for Tier 1. If, at the end of the comment period, the Service finds no technical or scientific basis upon which to alter its conclusion, the candidate material will be approved by the publication of a final
§ 20.134

50 CFR Ch. I (10-1-98 Edition)

In vitro erosion rate test. Conduct a standardized in vitro test to determine erosion rate of the candidate shot or shot coating using the guidelines in Kimball and Munir (1971), unless otherwise provided by the Service.

(1) Typical test materials: Atomic absorption spectrophotometer; Drilled aluminum block to support test tubes; Thermostatically controlled stirring hot plate; Small Teflon®-coated magnets; Hydrochloric acid (pH 2.0) and pepsin; Capped test tubes; and Lead, steel and candidate shot/coated shot.

(2) Typical test procedures. Add hydrochloric acid and pepsin to each capped test tube at a volume and concentration that will erode a single 4 lead shot at a rate of 5 mg/day. Place three test tubes, each containing either lead shot, steel shot or candidate shot and/or coated shot, in an aluminum block on the stirring hot plate. Add a Teflon® coated magnet to each test tube and set the hot plate at 42 degrees centigrade and 500 revolutions per minute. Determine the erosion of shot or coated shot daily for 14 consecutive days by weighing the shot and analyzing the digestion solution with an atomic absorption spectrophotometer. Replicate the 14-day procedure five times.

(3) Typical test analyses. Compare erosion rates of the three types of shot by appropriate analysis of variance and regression procedures. The statistical analysis will determine whether the rate of erosion of the shot and/or shot coating is significantly greater or less than that of lead and steel. This determination is important to any subsequent toxicity testing.

(B) Acute toxicity test—Tier 2 (Short-term, 30-day acute toxicity test using a commercially available duck food). Over

components into a liquid medium in an environment simulating in vivo conditions of a waterfowl gizzard. Erosion characteristics are to be compared with those of lead shot and steel shot of comparable size. Following the erosion rate testing, the applicant must conduct a 30-day acute toxicity test in mallards, and a test to determine the candidate shot and/or shot coating effects on selected invertebrates and fish and include the results in the report for the Director.

(A) In vitro erosion rate test. Conduct a standardized in vitro test to determine erosion rate of the candidate shot or shot coating using the guidelines in Kimball and Munir (1971), unless otherwise provided by the Service.

(1) Typical test materials: Atomic absorption spectrophotometer; Drilled aluminum block to support test tubes; Thermostatically controlled stirring hot plate; Small Teflon®-coated magnets; Hydrochloric acid (pH 2.0) and pepsin; Capped test tubes; and Lead, steel and candidate shot/coated shot.

(2) Typical test procedures. Add hydrochloric acid and pepsin to each capped test tube at a volume and concentration that will erode a single 4 lead shot at a rate of 5 mg/day. Place three test tubes, each containing either lead shot, steel shot or candidate shot and/or coated shot, in an aluminum block on the stirring hot plate. Add a Teflon® coated magnet to each test tube and set the hot plate at 42 degrees centigrade and 500 revolutions per minute. Determine the erosion of shot or coated shot daily for 14 consecutive days by weighing the shot and analyzing the digestion solution with an atomic absorption spectrophotometer. Replicate the 14-day procedure five times.

(3) Typical test analyses. Compare erosion rates of the three types of shot by appropriate analysis of variance and regression procedures. The statistical analysis will determine whether the rate of erosion of the shot and/or shot coating is significantly greater or less than that of lead and steel. This determination is important to any subsequent toxicity testing.

(B) Acute toxicity test—Tier 2 (Short-term, 30-day acute toxicity test using a commercially available duck food). Over

components into a liquid medium in an environment simulating in vivo conditions of a waterfowl gizzard. Erosion characteristics are to be compared with those of lead shot and steel shot of comparable size. Following the erosion rate testing, the applicant must conduct a 30-day acute toxicity test in mallards, and a test to determine the candidate shot and/or shot coating effects on selected invertebrates and fish and include the results in the report for the Director.

(A) In vitro erosion rate test. Conduct a standardized in vitro test to determine erosion rate of the candidate shot or shot coating using the guidelines in Kimball and Munir (1971), unless otherwise provided by the Service.

(1) Typical test materials: Atomic absorption spectrophotometer; Drilled aluminum block to support test tubes; Thermostatically controlled stirring hot plate; Small Teflon®-coated magnets; Hydrochloric acid (pH 2.0) and pepsin; Capped test tubes; and Lead, steel and candidate shot/coated shot.

(2) Typical test procedures. Add hydrochloric acid and pepsin to each capped test tube at a volume and concentration that will erode a single 4 lead shot at a rate of 5 mg/day. Place three test tubes, each containing either lead shot, steel shot or candidate shot and/or coated shot, in an aluminum block on the stirring hot plate. Add a Teflon® coated magnet to each test tube and set the hot plate at 42 degrees centigrade and 500 revolutions per minute. Determine the erosion of shot or coated shot daily for 14 consecutive days by weighing the shot and analyzing the digestion solution with an atomic absorption spectrophotometer. Replicate the 14-day procedure five times.

(3) Typical test analyses. Compare erosion rates of the three types of shot by appropriate analysis of variance and regression procedures. The statistical analysis will determine whether the rate of erosion of the shot and/or shot coating is significantly greater or less than that of lead and steel. This determination is important to any subsequent toxicity testing.
§ 20.134

In a 30-day period, conduct a short-term acute toxicity test that complies with the guidelines described as follows or as otherwise provided by the Service:

(1) Typical test materials: 30 male and 30 female hand-reared mallards approximately 6 to 8 months old (mallards must have plumage and body con-

formation that resemble wild mallards); 60 elevated outdoor pens equipped with feeders and waterers; Laboratory equipped to perform fluo-

roscopy, required blood and tissue as-

says; Commercial duck maintenance mash; and Lead, steel and candidate shot.

(2) Typical test procedures. House mallards individually in pens and give ad libitum access to food and water. After

3 weeks, randomly assign to 3 groups (10 males and 10 females/group), dose with eight pellets of either No. 4 lead shot (positive control), steel shot (neg-

ative control), or the candidate shot or coated shot. Fluoroscope birds at 1

week after dosage to check for shot re-
tention. Observe birds daily for signs of intoxication and mortality over a 30-
day period. Determine body weight at

the time of dosing, and at days 15 and 30 of the test. On days 15 and 30, collect

blood by venipuncture, determine hem-
atocrit, hemoglobin concentration and other specified blood chemistries. Sac-

crifice all survivors on day 30. Remove

the liver and other appropriate organs from the sacrificed birds and from birds that died prior to sacrifice on day 30 for histopathological analysis. Analyze

the organs for lead and compounds con-
tained in the candidate shot or coated shot. Necropsy all birds to determine any pathological conditions.

(3) Typical test analyses. Analyze mor-
tality among the specified groups with

appropriate chi-square statistical pro-
cedures. Analyze physiological data and tissue contaminant data by analy-
sis of variance or other appropriate statistical procedures to include the factors of shot type and sex. Compare sacrificed birds and birds that died prior to sacrifice whenever sample sizes are adequate for meaningful comparison.

(C) Daphnid and fish early-life toxicity tests. Determine the toxicity of the compound(s) that comprise the shot or shot coating (at conditions maximizing solubility without adversely affecting controls) to selected invertebrates and fish. These methods are subject to the environmental effects test regulations developed under the authority of the Toxic Substances Control Act (15 U.S.C. 2601 et seq.), as follows:

(1) The first test, the Daphnid Acute Toxicity Test (conducted in accordance with 40 CFR 797.1300), is a guideline for use in developing data on the acute toxicity of chemical substances. This guideline prescribes an acute toxicity test in which Daphnid exposure to a chemical in static and flow-through systems, with the agencies assessing the hazard the compound(s) may present to an aquatic environment.

(2) The second test is the Daphnid Chronic Toxicity Test (conducted in accordance with 40 CFR 797.1330). This gathers data on the chronic toxicity of chemical substances in which Daphnids (Daphnia spp.) are exposed to a chemical in a renewal or flow-through system. The data from this test are again used to assess the hazard that the compound(s) may present to an aquatic environment.

(3) A third test, Fish Early Life Stage Toxicity Test (conducted in accordance with 40 CFR Section 797.1600), assesses the adverse effects of chemical substances to fish in the early stages of their growth and development. Data from this test are used to determine the hazard the compound(s) may present to an aquatic environment.

(iii) After the Tier 2 testing, the ap-
plicant will report the results to the Director. If, after review of the Tier 2 data, the Service determines that the information does not establish that the shot or shot coating does not impose a significant danger to migratory birds, other wildlife, and their habitats, the applicant is advised to proceed with the additional testing in Tier 3. A Notice of Review advises the public that, in conjunction with Tier 1 data, Tier 2 test results are inconclusive and Tier 3 testing is required for continued con-
sideration.

(iv) If review of the Tier 2 test data results in a preliminary determination that the candidate shot or shot coating does not impose a significant danger to migratory birds, other wildlife, and
§ 20.134

their habitats, the Director will publish in the Federal Register a proposed rule stating the Service’s intention to approve this shot and/or coating and why Tier 3 testing is unnecessary. The rulemaking will include a description of chemical composition of the shot or shot coating, and a synopsis of findings under the standards required at Tier 2. If, at the end of the comment period, the Service finds no technical or scientific basis upon which to deny approval, the candidate shot or shot coating approval is published as a final rule in the Federal Register. If, as a result of the comment period, the Service determines that the information does not establish that the shot and/or shot coating does not impose a significant danger to migratory birds, other wildlife, and their habitats, Tier 3 testing will be required and a Notice of Review published in the Federal Register. If the applicant chooses not to proceed, the determination denying approval of the candidate shot or shot coating will appear in the Federal Register.

(4) Tier 3. (i) If the Director determines that the Tier 1 or Tier 2 information is inconclusive, the Director will notify the applicant to submit a Tier 3 testing plan for conducting further testing as outlined in paragraphs (b)(4)(i) (A) and (B) of this section. Review, by the Director, of the Tier 3 testing plan submitted by the applicant will occur within 30 days of receipt. The Director may decline to approve the plan, or any part of it, if deficient in any manner with regard to timing, format or content. The Director shall apprise the applicant regarding what parts, if any, of the submitted testing procedure to disregard and any modifications to incorporate into the Tier 3 plan in order to gain plan approval. All testing procedures should be in compliance with the Good Laboratory Practices Standards (40 CFR part 160), except where they conflict with the regulations in this section or with a provision of an approved plan. The Director, or authorized representative, may elect to inspect the applicant’s laboratory facilities and may decline to approve the plan and further consideration of the candidate shot and/or shot coating if the facility is not in compliance with the Good Laboratory Practices Standards. After acceptance of the plan, Tier 3 testing will commence. Required analyses and reports must be sent to the Director. The applicant will ensure that copies of all the raw data and statistical analyses accompany the laboratory reports and final comprehensive report of this test.

(A) Chronic toxicity test—Tier 3 (Long-term toxicity test under depressed temperature conditions using a nutritionally-deficient diet). Conduct a chronic exposure test under adverse conditions that complies with the general guidelines described as follows unless otherwise provided by the Service:

(1) Typical test materials: 36 male and 36 female hand-reared mallards approximately 6 to 8 months old (Mallards must have plumage and body conformation that resembles wild mallards); 72 elevated outdoor pens equipped with feeders and waterers; Laboratory equipped to perform fluoroscopy, required blood and tissue assays, and necropsies; Whole kernel corn; and Lead, steel, and candidate shot or coated shot.

(2) Typical test procedures. (i) Conduct this test at a location where the mean monthly low temperature during December through March is between 20 and 40 degrees Fahrenheit (−6.6 and 4.4 degrees centigrade, respectively). Assign individual mallards to elevated outdoor pens during the first week of December and acclimate to an ad libitum diet of whole kernel corn for 2 weeks. Randomly assign birds to 5 groups (lead group of 4 males and 4 females, 4 other groups of 8 males and 8 females/group). Dose the lead group (positive control) with one size No. 4 pellet of lead shot. Dose one group (8 males and 8 females) with eight size No. 4 pellets of steel shot (negative control) and dose the 3 other groups (8 males and 8 females/group) with one, four and eight size No. 4 pellets of candidate shot or coated shot.

(ii) Weigh and fluoroscope birds weekly. Weigh all recovered shot to measure erosion. Determine blood parameters given in the 30-day acute toxicity test. Provide body weight and blood parameter measurements on samples drawn at 24 hours after dosage and at the end of days 30 and 60. At the
end of 60 days, sacrifice all survivors. Remove the liver and other appropriate organs from sacrificed birds and birds dying prior to sacrifice on day 60 for histopathological analysis. Analyze organs for lead and other metals potentially contained in the candidate shot or shot coating. Necropsy all birds that died prior to sacrifice to determine pathological conditions associated with death.

(3) Typical test analyses. Analyze mortality among the specified groups with appropriate chi-square statistical procedures. Any effects on the previously mentioned physiological parameters caused by the shot or shot coating must be significantly less than those caused by lead shot and must not be significantly greater than those caused by steel shot. Analyze physiological data and tissue contaminant data by analysis of variance or appropriate statistical procedures to include the factors of shot type, dose and sex. Compare sacrificed birds and birds that died prior to sacrifice whenever sample sizes are adequate for a meaningful comparison.

(B) Chronic dosage study—Tier 3 (Moderately long-term study that includes reproductive assessment). Conduct chronic exposure reproduction trial with the general guidelines described as follows unless otherwise provided by the Service:

(1) Typical test materials: 44 male and 44 female hand-reared first year mallards (Mallards must have plumage and body conformation that resemble wild mallards); Pens suitable for quarantine and acclimation and for reasonably holding 5-10 ducks each; 44 elevated, pens equipped with feeders, waterers and nest boxes; Laboratory equipped to perform fluoroscopy, required blood and tissue assays, and necropsies; Whole kernel corn, and commercial duck maintenance and breeder mash; Lead, steel and candidate shot or coated shot.

(2) Typical test procedures. (i) Randomly assign mallards to 3 groups (Lead group = 4 males and 4 females; steel group = 20 males and 20 females; candidate shot/coated shot group = 20 males and 20 females) in December and hold in same-sex groups until mid-January (dates apply to outdoor test facility only and will reflect where in the U.S. tests are conducted). Tests conducted in the southern U.S. will need to be completed in low temperature units. After a 3-week acclimation period with ducks receiving commercial maintenance mash, provide birds with an ad libitum diet of corn for 60 days and then pair birds (one pair/pen) and provide commercial breeder mash. Dosing of the 3 groups with one pellet of No. 4 lead shot (positive control); eight pellets of No. 4 steel shot (negative control); and eight pellets of No. 4 candidate shot or coated shot will occur after the acclimation period (day 0) and redosed after 30, 60, and 90 days. Few, if any, of the lead-dosed birds (positive control) should survive and reproduce.

(ii) Fluoroscope birds 1 week after dosage to check for shot retention. Weigh males and females the day of initial dosing (day 0), at each subsequent dosing, and at death. Measure blood parameters identified in the 30-Day Acute Toxicity Test in this test using samples drawn at time of weighing. Note the date of first egg and the mean number of days per egg laid. Conclude laying after 21 normal, uncracked eggs are laid or after 350 days. Sacrifice adults after completion of laying period. Remove the liver and other appropriate organs from sacrificed birds and from other birds that died prior to sacrifice for histopathological analysis.

Analyze organs and the 11th egg for compounds contained in the shot or shot coating. Necropsy all birds to determine any pathological conditions. Check nests daily to collect eggs. Discard any eggs laid before pairing. Artificially incubate eggs and calculate the percent shell thickness, percent eggs cracked, percent fertility (as determined by candling), and percent hatch of fertile eggs for each female. Provide ducklings with starter mash after hatching. Sacrifice all ducklings at 14 days of age. Measure survival to day 14 and weight of the ducklings at hatching and sacrifice. Measure blood parameters identified in the 30-Day Acute Toxicity Test using samples drawn at sacrificing.

(3) Typical test analyses. (i) Any mortality, reproductive inhibition or effects on the physiological parameters
§ 20.140 Purpose and scope.

The regulations of this subpart apply to the designation, implementation and enforcement of nontoxic shot zones for waterfowl hunting in the United States for the 1987-1988 and subsequent hunting seasons. The regulations of this subpart do not apply to the issuance of regulations under part 21 of this title or under subparts A through J and L and N of this part.

§ 20.141 Definitions.

As used in this subpart:

(a) Nontoxic Shot means any shot-type that does not cause sickness and death when ingested by migratory birds as determined by criteria established under §20.134. The only nontoxic shot currently approved by the Director, U.S. Fish and Wildlife Service, is steel shot.

(b) Nontoxic Shot Zones means all land and water areas within the boundaries of the United States where the use of nontoxic shot is required for waterfowl hunting. A zone may be all or part of a county designated and/or established for nontoxic shot use.

(c) Waterfowl means the Anatidae (ducks, geese [including brant], and swans) and coots (Fulica americana).
§ 20.142 Applicability.
This subpart applies to persons of all ages engaged in waterfowl hunting in the established nontoxic shot zones and to all of the boroughs, counties, or parishes within the separate States, without exception. Possession and use of nontoxic shot (including shotshells and loose shot for use in muzzleloading), for all legal gauges of shotguns, is required for waterfowl hunting in nontoxic shot zones. The Secretary of the Interior, acting through the Fish and Wildlife Service, will not open a zone to waterfowl hunting where the Fish and Wildlife Service is prevented from establishing the zone as a nontoxic shot zone under the criteria of this subpart.

§ 20.143 Criteria and schedule for conversion to nontoxic shot.
The criteria and procedures specified below will be followed in the conversion nationwide to the use of nontoxic shot for waterfowl hunting. As of the 1991-1992 season, nontoxic shot will be required in all waterfowl hunting in the United States.

(a) Beginning in the 1987-1988 waterfowl hunting season, implementation of nontoxic shot zones is on a decremental basis with regard to the intensity of average annual waterfowl harvest per square mile of a particular county; the initial harvest level triggering monitoring/conversion is 20 or more birds per square mile, decreasing by 5 birds per square mile each successive waterfowl hunting season until the nationwide ban season is reached in 1991-1992. Data on average annual waterfowl harvest are from Carney et al. 1983; data on county size have been obtained from the U.S. Bureau of the Census. Table I illustrates the schedule for conversion to nontoxic shot.

<table>
<thead>
<tr>
<th>Average annual waterfowl harvest per mi² (by county)</th>
<th>Hunting season in which monitoring must begin to defer implementation</th>
<th>Qualifying areas converted</th>
<th>Nontoxic shot required in deferred areas</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 or more ..........</td>
<td>1985-86</td>
<td>1987-88</td>
<td>1991-92</td>
</tr>
<tr>
<td>10 or more ..........</td>
<td>1987-88</td>
<td>1989-90</td>
<td>1991-92</td>
</tr>
<tr>
<td>5 or more ..........</td>
<td>1988-89</td>
<td>1990-91</td>
<td>1991-92</td>
</tr>
</tbody>
</table>


(b) If States, through monitoring, demonstrate during annual Fish and Wildlife Service Regulations Committee meetings that neither of the following two decision criteria are met in a county scheduled for conversion to a nontoxic shot zone, that conversion can be deferred until (but not beyond) the 1991-92 hunting season (monitoring of the latter must include a sample of at least 100 birds of waterfowl species susceptible to lead poisoning):

1. Dead waterfowl; 3 or more individual specimens confirmed as lead-poisoned during the monitoring year, nor
2. Ingested shot in gizzards; 5 percent or greater of the sample have gizzards with 1 or more lead shot, and
   (i) Liver lead; 5 percent or greater of the sample have livers with concentrations of lead 2 ppm or higher (wet weight), or
   (ii) Blood lead; 5 percent or greater of the sample have blood with concentrations of lead 0.2 ppm or higher (wet weight), or
   (iii) Protoporphyrin; 5 percent or greater of the sample have blood with protoporphyrin concentrations of 40 ug/dl or higher.

(c) Established nontoxic shot zones will not be eligible for deferral or rescission from conversion in any manner.

(d) There is no deferral past the 1991-1992 nationwide conversion year. States may elect to forgo monitoring and/or otherwise convert to nontoxic shot zones on an accelerated basis, i.e., less than a county, countywide or statewide.
§ 20.151 Purpose and scope.

The rules of this subpart N apply to the issuance of the annual regulations establishing seasons, bag limits, and other requirements for the seasonal hunting of migratory birds. The rules of this subpart N do not apply to the issuance of regulations under part 21 of this title or under subparts A through J and L through M of this part 20.

§ 20.152 Definitions.

As used in this subpart N:
(a) Flyway Council means the Atlantic, Mississippi, Central, or Pacific Flyway Council;
(b) Regulations Committee means the Migratory Bird Regulations Committee of the Fish and Wildlife Service; and
(c) Significant, as used in reference to a communication or other form of information or data, means related to the merits of the regulation and received, utilized, or transmitted by an official of the Department who is or may reasonably be expected to be involved in the decisional process on the regulation.

§ 20.153 Regulations committee.

(a) Notice of meetings. Notice of each meeting of the Regulations Committee to be attended by any person outside the Department will be published in the Federal Register at least two weeks before the meeting. The notice will state the time, place, and general subject(s) of the meeting, as well as the extent of public involvement.

(b) Public observation and written comment. Each meeting of the Regulations Committee for which notice is published pursuant to paragraph (a) of this section will be open to the public for observation and the submission of written comments.

(c) Public participation. Except for the mid-summer meetings held in Washington, DC, in conjunction with the public hearing on waterfowl and other late season frameworks, the public may participate in any meeting of the Regulations Committee for which notice is published pursuant to paragraph (a) of this section through the submission of oral statements that comply with the rules stated in the notice.

(d) Minutes of meetings. Minutes will be made of each meeting of the Regulations Committee for which notice is published pursuant to paragraph (a) of this section.

§ 20.154 Flyway Councils.

(a) Notice of meetings. Notice of each meeting of a Flyway Council to be attended by any official of the Department will be published in the Federal Register at least two weeks before the meeting or as soon as practicable after the Department learns of the meeting. The notice will state the time, place, and general subject(s) of the meeting.

(b) [Reserved]

§ 20.155 Public file.

(a) Establishment. A public file will be established for each rulemaking to which this subpart N is applicable.

(b) Contents. Except for information exempt from disclosure under 5 U.S.C. 552, a public file established pursuant to paragraph (a) of this section will contain:

...
PART 21—MIGRATORY BIRD PERMITS

Subpart A—Introduction

Sec.
21.1 Purpose of regulations.
21.2 Scope of regulations.
21.3 Definitions.
21.4 Information collection requirements.

Subpart B—General Requirements and Exceptions

21.11 General permit requirements.
21.12 General exceptions to permit requirements.
21.13 Permit exceptions for captive-reared mallard ducks.
21.14 Permit exceptions for captive-reared migratory waterfowl other than mallard ducks.

Subpart C—Specific Permit Provisions

21.21 Import and export permits.
21.22 Banding or marking permits.
21.23 Scientific collecting permits.
21.24 Taxidermist permits.
21.25 Waterfowl sale and disposal permits.
21.26 [Reserved]
21.27 Special purpose permits.
21.28 Falconry permits.
21.29 Federal falconry standards.
21.30 Raptor propagation permits.

Subpart D—Control of Depredating Birds

21.41 Depredation permits.
21.42 Authority to issue depredation orders to permit the killing of migratory game birds.
21.43 Depredation order for blackbirds, cowbirds, grackles, crows and magpies.
21.44 Depredation order for designated species of depredating birds in California.
21.45 Depredation order for depredating purple gallinules in Louisiana.
21.46 Depredation order for depredating scrub jays and Steller's jays in Washington and Oregon.
21.47 Depredation order for double-crested cormorants at aquaculture facilities.

AUTHORITY: Pub. L. 95±616, 92 Stat. 3112 (16 U.S.C. 712(2)).
SOURCE: 39 FR 1178, Jan. 4, 1974, unless otherwise noted.

Subpart A—Introduction

§ 21.1 Purpose of regulations.
The regulations contained in this part supplement the general permit regulations of part 13 of this subchapter with respect to permits for the taking, possession, transporation, sale, purchase, barter, importation, exportation, and banding or marking of migratory birds. This part also provides certain exceptions to permit requirements for public, scientific, or educational institutions, and establishes depredation orders which provide limited exceptions to the Migratory Bird Treaty Act (16 U.S.C. 703±712).

[54 FR 38150, Sept. 14, 1989]

§ 21.2 Scope of regulations.
(a) Migratory birds, their parts, nests, or eggs, lawfully acquired prior to the effective date of Federal protection under the Migratory Bird Treaty Act (16 U.S.C. 703±712) may be possessed or transported without a permit, but may not be imported, exported, purchased, sold, bartered, or offered for purchase, sale or barter, and all shipments of such birds must be marked as provided by part 14 of this subchapter: Provide, no exemption from any statute or regulation shall accrue to any offspring of such migratory birds.

(b) This part 21, except for § 21.22 (banding or marking permits), does not apply to the bald eagle (Haliaeetus leucocephalus) or the golden eagle (Aquila chrysaetos) for which regulations are provided in part 22 of this subchapter.

(c) The provisions of this part are in addition to, and are not in lieu of other regulations of this subchapter B which may require a permit or prescribe additional restrictions or conditions for the importation, exportation, and interstate transportation of wildlife (see also part 13).

§ 21.3 Definitions.

In addition to definitions contained in part 10 of this chapter, and unless the context requires otherwise, as used in this part:

Bred in captivity or captive-bred refers to raptors, including eggs, hatched in captivity from parents that mated or otherwise transferred gametes in captivity.

Captivity means that a live raptor is held in a controlled environment that is intensively manipulated by man for the purpose of producing raptors of selected species, and that has boundaries designed to prevent raptors, eggs or gametes of the selected species from entering or leaving the controlled environment. General characteristics of captivity may include, but are not limited to, artificial housing, waste removal, health care, protection from predators, and artificially supplied food.

Falconry means the sport of taking quarry by means of a trained raptor.

Raptor means a live migratory bird of the Order Falconiformes or the Order Strigiformes, other than a bald eagle (Haliaeetus leucocephalus) or a golden eagle (Aquila chrysaetos).

[48 FR 31607, July 8, 1983]

§ 21.4 Information collection requirements.

(a) The Office of Management and Budget approved the information collection requirements contained in this part 21 under 44 U.S.C. 3507 and assigned OMB Control Number 1018-0022. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in the Migratory Bird Treaty Act, 16 U.S.C. 703-712 and its regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit.

(b) We estimate the public reporting burden for these reporting requirements to vary from 15 minutes to 4 hours per response, with an average of 0.803 hours per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS-222 ARLSQ, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project (1018-0022), Washington, DC 20603.

[63 FR 52637, Oct. 1, 1998]

Subpart B—General Requirements and Exceptions

§ 21.11 General permit requirements.

No person shall take, possess, import, export, transport, sell, purchase, barter, or offer for sale, purchase or barter, any migratory bird, or the parts, nests, or eggs of such bird except as may be permitted under the terms of a valid permit issued pursuant to the provisions of this part and part 13, or as permitted by regulations in this part or part 20 (the hunting regulations).

[54 FR 38151, Sept. 14, 1989]

§ 21.12 General exceptions to permit requirements.

The following exceptions to the permit requirement are allowed.

(a) Employees of the Department of the Interior authorized to enforce the provisions of the Migratory Bird Treaty Act of July 3, 1918, as amended (40 Stat. 755; 16 U.S.C. 703-711), may, without a permit, take or otherwise acquire, hold in custody, transport, and dispose of migratory birds or their parts, nests, or eggs as necessary in performing their official duties.

(b) State game departments, municipal game farms or parks, and public museums, public zoological parks, accredited institutional members of the American Association of Zoological Parks and Aquariums (AAZPA) and public scientific or educational institutions may acquire by gift or purchase, possess, transport, and by gift or sale dispose of lawfully acquired migratory birds or their progeny, parts, nests, or
§ 21.13 Permit exceptions for captive-reared mallard ducks.

Captive-reared and properly marked mallard ducks, alive or dead, or their eggs may be acquired, possessed, sold, traded, donated, transported, and disposed of by any person without a permit, subject to the following conditions, restrictions, and requirements:

(a) Nothing in this section shall be construed to permit the taking of live mallard ducks or their eggs from the wild.

(b) All mallard ducks possessed in captivity, without a permit, shall have been physically marked by at least one of the following methods prior to 6 weeks of age and all such ducks hatched, reared, and retained in captivity thereafter shall be so marked prior to reaching 6 weeks of age:

(1) Removal of the hind toe from the right foot.

(2) Pinioning of a wing: Provided, That this method shall be the removal of the metacarpal bones of one wing or a portion of the metacarpal bones which renders the bird permanently incapable of flight.

(3) Banding of one metatarsus with a seamless metal band.

(4) Tattooing of a readily discernible number or letter or combination thereof on the web of one foot.

(c) When so marked, such live birds may be disposed of to, or acquired from, any person and possessed and transferred in any number at any time or place: Provided, That all such birds shall be physically marked prior to sale or disposal regardless of whether or not they have attained 6 weeks of age.

(d) When so marked, such live birds may be killed, in any number, at any time or place, by any means except shooting. Such birds may be killed by shooting only in accordance with all applicable hunting regulations governing the taking of mallard ducks from the wild: Provided, That such birds may be killed by shooting, in any number, at any time, within the confines of any premises operated as a shooting preserve under State license, permit, or authorization; or they may be shot, in any number, at any time or place, by any person for bona fide dog training or field trial purposes: Provided further, That the provisions:

(1) The hunting regulations (part 20 of this subchapter), with the exception of §20.108 (Nontoxic shot zones), and

(2) The Migratory Bird Hunting Stamp Act (duck stamp requirement) shall not apply to shooting preserve operations as provided for in this paragraph, or to bona fide dog training or field trial operations.

(e) At all times during possession, transportation, and storage until the raw carcasses of such birds are finally processed immediately prior to cooking, smoking, or canning, the marked foot or wing must remain attached to each carcass: Provided, That persons, who operate game farms or shooting preserves under a State license, permit, or authorization for such activities, may remove the marked foot or wing when either the number of his State license, permit, or authorization has first been legibly stamped in ink on the back of each carcass and on the container in which each carcass is maintained, or each carcass is identified by a State band on leg or wing pursuant to
§ 21.14 Permit exceptions for captive-reared migratory waterfowl other than mallard ducks.

Any person may, without a permit, lawfully acquire captive-reared and properly marked migratory waterfowl of all species other than mallard ducks, alive or dead, or their eggs, and possess and transport such birds or eggs and any progeny or eggs therefrom solely for his own use subject to the following conditions and restrictions:

(a) Such birds, alive or dead, or their eggs may be lawfully acquired only from holders of valid waterfowl sale and disposal permits, unless lawfully acquired outside of the United States, except that properly marked carcasses of such birds may also be lawfully acquired as provided under paragraph (c) of this section.

(b) All progeny of such birds or eggs hatched, reared, and retained in captivity must be physically marked as defined in §21.13(b).

(c) No such birds or eggs or any progeny or eggs thereof may be disposed of by any means, alive or dead, to any other person unless a waterfowl sale and disposal permit has first been secured authorizing such disposal: Provided, That bona fide clubs, hotels, restaurants, boarding houses, and dealers in meat and game may serve or sell to their customers the carcass of any such birds which they have acquired from the holder of a valid waterfowl sale and disposal permit.

(d) Lawfully possessed and properly marked birds may be killed, in any number, at any time or place, by any means except shooting. Such birds may be killed by shooting only in accordance with all applicable hunting regulations governing the taking of like species from the wild. (See part 20 of this subchapter.)

(e) At all times during possession, transportation, and storage until the raw carcasses of such birds are finally processed immediately prior to cooking, smoking, or canning, the marked foot or wing must remain attached to each carcass, unless such carcasses were marked as provided in §21.25(c)(4) and the foot or wing removed prior to acquisition.

(f) When any such birds, alive or dead, or their eggs are acquired from a waterfowl sale and disposal permittee, the permittee shall furnish a copy of Form 3-186, Notice of Waterfowl Sale or Transfer, indicating all information required by the form and the method or methods by which individual birds are marked as required by §21.25(c)(2). The buyer shall retain the Form 3-186 on file for the duration of his possession of such birds or eggs or progeny or eggs thereof.

migratory birds shall be submitted to the appropriate issuing office (see §§10.22 and 13.11(b) of this subchapter). Each such application must contain the general information and certification required by §13.12(a)(5) of this subchapter plus the following additional information:

1. Whether importation or exportation is requested;
2. The species and numbers of migratory birds or their parts, nests, or eggs to be imported or exported;
3. The name and address of the person from whom such birds are being imported or to whom they are being exported;
4. The purpose of the importation or exportation;
5. The estimated date of arrival or departure of the shipment(s), and the port of entry or exit through which the shipment will be imported or exported; and
6. Federal and State permit numbers and type of permits authorizing possession, acquisition, or disposition of such birds, their parts, nests, or eggs where such a permit is required.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, import and export permits shall be subject to the following conditions:

1. The banding of migratory birds shall only be by official numbered leg bands issued by the Service. The use of any other band, clip, dye, or other method of marking is prohibited unless specifically authorized in the permit.
2. All traps or nets used to capture migratory birds for banding or marking purposes shall have attached there to a tag or label clearly showing the name and address of the permittee and his permit number, or the area in which such traps or nets are located must be posted with notice of banding operations posters (Form 3-1155, available upon request from the Bird Banding Laboratory, Office of Migratory Bird Management, U.S. Fish and Wildlife Service, Laurel, Md. 20708) which shall bear the name and address of the permittee and the number of his permit.
3. The holder of a banding or marking permit may salvage, for the purpose of donating to a public scientific or educational institution, birds killed or found dead as a result of the permittee's normal banding operations, and casualties from other causes. All dead birds salvaged under authority of a migratory bird banding or marking permit must be donated and transferred to a public scientific or educational institution at least every 6 months or within 60 days of the time such permit expires or is revoked, unless the permittee has been issued a special permit authorizing possession for a longer period of time.

§ 21.22 Banding or marking permits.

(a) Permit requirement. A banding or marking permit is required before any person may capture migratory birds for banding or marking purposes or use official bands issued by the Service for banding or marking any migratory bird.

(b) Application procedures. Applications for banding or marking permits shall be submitted by letter of application addressed to the Bird Banding Laboratory, Office of Migratory Bird Management, U.S. Fish and Wildlife Service, Laurel, Maryland 20708. Each such application shall contain the general information and certification set forth by §13.12(a) of this subchapter plus the following additional information:

1. Species and numbers proposed to be banded or marked;
2. Purpose of banding or marking;
3. State or States in which authorization is requested; and
4. Name and address of the public, scientific, or educational institution to which any specimens will be donated that are salvaged pursuant to paragraphs (c) (3) and (4) of this section.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, banding or marking permits shall be subject to the following conditions:

1. The banding of migratory birds shall only be by official numbered leg bands issued by the Service. The use of any other band, clip, dye, or other method of marking is prohibited unless specifically authorized in the permit.
2. All traps or nets used to capture migratory birds for banding or marking purposes shall have attached there to a tag or label clearly showing the name and address of the permittee and his permit number, or the area in which such traps or nets are located must be posted with notice of banding operations posters (Form 3-1155, available upon request from the Bird Banding Laboratory, Office of Migratory Bird Management, U.S. Fish and Wildlife Service, Laurel, Md. 20708) which shall bear the name and address of the permittee and the number of his permit.
3. The holder of a banding or marking permit may salvage, for the purpose of donating to a public scientific or educational institution, birds killed or found dead as a result of the permittee's normal banding operations, and casualties from other causes. All dead birds salvaged under authority of a migratory bird banding or marking permit must be donated and transferred to a public scientific or educational institution at least every 6 months or within 60 days of the time such permit expires or is revoked, unless the permittee has been issued a special permit authorizing possession for a longer period of time.
§ 21.23 Scientific collecting permits.

(a) Permit requirement. A scientific collecting permit is required before any person may take, transport, or possess migratory birds, their parts, nests, or eggs for scientific research or educational purposes.

(b) Application procedures. Submit applications for scientific permits to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) Species and numbers of migratory birds or their parts, nests, or eggs to be taken or acquired when it is possible to determine same in advance;

(2) Location or locations where such scientific collecting is proposed;

(3) Statement of the purpose and justification for granting such a permit, including an outline of any research project involved;

(4) Name and address of the public, scientific, or educational institution to which all specimens ultimately will be donated; and

(5) If a State permit is required by State law, a statement as to whether or not the applicant possesses such State permit, giving its number and expiration date.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, scientific collecting permits shall be subject to the following conditions:

(1) All specimens taken and possessed under authority of a scientific collecting permit must be donated and transferred to the public, scientific, or educational institution designated in the permit application within 60 days following the date such permit expires or is revoked, unless the permittee has been issued a special purpose permit (See §21.27) authorizing possession for a longer period of time.

(2) Unless otherwise provided on the permit, all migratory game birds taken pursuant to a scientific collecting permit during the open hunting season for such birds must be in conformance with part 20 of this subchapter;

(3) Unless specifically stated on the permit, a scientific collecting permit does not authorize the taking of live migratory birds from the wild;

(4) In addition to any reporting requirement set forth in the permit, a report of the scientific collecting activities conducted under authority of such permit shall be submitted to the issuing officer on or before January 10 of each calendar year following the year of issue unless a different date is stated in the permit.

(d) Term of permit. A scientific collecting permit issued or renewed under this part expires on the date designated on the face of the permit unless amended or revoked, but the term of the permit shall not exceed three (3) years from the date of issuance or renewal.


§ 21.24 Taxidermist permits.

(a) Permit requirement. A taxidermist permit is required before any person may perform taxidermy services on migratory birds or their parts, nests, or eggs for any person other than himself.

(b) Application procedures. Submit application for taxidermist permits to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) The address of premises where taxidermist services will be provided;
§ 21.25 Waterfowl sale and disposal permits.

(a) Permit requirement. A waterfowl sale and disposal permit is required before any person may lawfully sell, trade, donate, or otherwise dispose of, to another person, any species of captive-reared and properly marked migratory waterfowl or their eggs, except that such a permit is not required for such sales or disposals of captive-reared and properly marked mallard ducks or their eggs.

(b) Application procedures. Submit application for waterfowl sale and disposal permits to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) A description of the area where waterfowl are to be kept;

(2) Species and numbers of waterfowl now in possession and a statement showing from whom these were obtained;

(3) A statement indicating the method by which individual birds are marked as required by the provisions of this part 21; and

(4) If a State permit is required by State law, a statement as to whether or not the applicant possesses such State permit, giving its number and expiration date.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, waterfowl sale and disposal permits shall be subject to the following conditions:

(1) Permittees may not take migratory waterfowl or their eggs from the wild, and may not acquire such birds or their parts, nests, or eggs, by hunting or by any other illegal means.

(2) Permittees must keep accurate records of operations, on a calendar year basis, showing the names and addresses of persons from and to whom migratory birds or their parts, nests, or eggs were received or delivered, the number and species of such, and the dates of receipt and delivery. In addition to the other records required by this paragraph, the permittee must maintain in his files, the original of the completed Form 3-186, Notice of Waterfowl Sale or Transfer, confirming his acquisition of captive-reared, properly marked migratory waterfowl from the holder of a current waterfowl sale and disposal permit.

(2) Notwithstanding the provisions of paragraph (c) of this section, the receipt, possession, and storage by a taxidermist of any migratory game birds taken by another by hunting is not authorized unless they are tagged as required by §20.36 of this subchapter. The required tags may be removed during the taxidermy operations but must be retained by the taxidermist with the other records required to be kept and must be reattached to the mounted specimen after mounting. The tag must remain attached until the mounted specimen is delivered to the owner.

(e) Term of permit. A taxidermist permit issued or renewed under this part expires on the date designated on the face of the permit unless amended or revoked, but the term of the permit shall not exceed three (3) years from the date of issuance or renewal.

§ 21.26 Notice of Waterfowl Sale or Transfer, indicating all information required by the form and the method or methods by which individual birds are marked as required by §21.25(c)(2). (Service will provide supplies of form.) The permittee will furnish the original of completed Form 3-186 to the person acquiring the birds or eggs; retain one copy in his files as a record of his operations; attach one copy to the shipping container for the birds or eggs, or include the copy in shipping documents which accompany the shipment; and, on or before the last day of each month, mail two copies of each form completed during that month to the office of the Fish and Wildlife Service which issued his permit.

(6) Permittees shall submit an annual report within 10 days following the 31st day of December of each calendar year to the office of the Fish and Wildlife Service which issued the permit. The information provided shall give the total number of waterfowl by species in possession on that date and the method or methods by which individual birds are marked as required by the provisions of this part 21.

(d) Term of permit. A waterfowl sale and disposal permit issued or renewed under this part expires on the date designated on the face of the permit unless amended or revoked, but the term of the permit shall not exceed three (3) years from the date of issuance or renewal. [40 FR 28460, July 7, 1975, as amended at 54 FR 38151, Sept. 14, 1989; 63 FR 52637, Oct. 1, 1998]

§ 21.26 [Reserved]

§ 21.27 Special purpose permits.

Permits may be issued for special purpose activities related to migratory birds, their parts, nests, or eggs, which are otherwise outside the scope of the standard form permits of this part. A special purpose permit for migratory bird related activities not otherwise provided for in this part may be issued to an applicant who submits a written application containing the general information and certification required by part 13 and makes a sufficient showing of benefit to the migratory bird resource, important research reasons,
§ 21.28 Falconry permits.

(a) Permit requirements. A falconry permit is required before any person may lawfully take, salvage, otherwise acquire, transport, or possess migratory birds, their parts, nests, or eggs for any purpose not covered by the standard form permits of this part. In addition, a special purpose permit is required before any person may sell, purchase, or barter captive-bred, migratory game birds, other than waterfowl, that are marked in compliance with §21.13(b) of this part.

(b) Application procedures. Submit application for special purpose permits to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) A detailed statement describing the project or activity which requires issuance of a permit, purpose of such project or activity, and a delineation of the area in which it will be conducted. (Copies of supporting documents, research proposals, and any necessary State permits should accompany the application);

(2) Numbers and species of migratory birds involved where same can reasonably be determined in advance; and

(3) Statement of disposition which will be made of migratory birds involved in the permit activity.

(c) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, special purpose permits shall be subject to the following conditions:

(1) Permittees shall maintain adequate records describing the conduct of the permitted activity, the numbers and species of migratory birds acquired and disposed of under the permit, and inventorying and identifying all migratory birds held on December 31 of each calendar year. Records shall be maintained at the address listed on the permit; shall be in, or reproducible in English; and shall be available for inspection by Service personnel during regular business hours. A permittee may be required by the conditions of the permit to file with the issuing office an annual report of operation. Annual reports, if required, shall be filed no later than January 31 of the calendar year following the year for which the report is required. Reports, if required, shall describe permitted activities, numbers and species of migratory birds acquired and disposed of, and shall inventory and describe all migratory birds possessed under the special purpose permit on December 31 of the reporting year.

(2) Permittees shall make such other reports as may be requested by the issuing officer.

(3) All live, captive-bred migratory game birds possessed under authority of a valid special purpose permit shall be physically marked as defined in §21.13(b) of this part.

(4) No captive-bred migratory game bird may be sold or bartered unless marked in accordance with §21.13(b) of this part.

(5) No permittee may take, purchase, receive or otherwise acquire, sell, barter, transfer, or otherwise dispose of any captive-bred migratory game birds possessed under authority of a valid special purpose permit unless such permittee submits a Service form 3-186A (Migratory Bird Acquisition/Disposition Report), completed in accordance with the instructions on the form, to the issuing office within five (5) days of such transaction.

(6) No permittee, who is authorized to sell or barter migratory game birds pursuant to a permit issued under this section, may sell or barter such birds to any person unless that person is authorized to purchase and possess such migratory game birds under a permit issued pursuant to this part and part 13, or as permitted by regulations in this part.

(d) Term of permit. A special purpose permit issued or renewed under this part expires on the date designated on the face of the permit unless amended or revoked, but the term of the permit shall not exceed three (3) years from the date of issuance or renewal.

§ 21.28

50 CFR Ch. I (10-1-98 Edition)

may take, possess, transport, sell, purchase, barter, offer to sell, purchase, or barter raptors for falconry purposes.

(b) Application procedures. (1) An applicant who wishes to practice falconry in a State listed in §21.29(k) of this part and which has been designated as a participant in a cooperative Federal/State permit application program may submit an application for a falconry permit to the appropriate agency of that State. Each such application must incorporate a completed official form approved by the Service and must include in addition to the general information required by part 13 of this subchapter all of the following:

(i) The number of raptors the applicant possesses at the time the application is submitted, including the species, age (if known), sex (if known), date of acquisition, and source of each;

(ii) A check or money order made payable to “U.S. Fish and Wildlife Service” in the amount of the application fee listed in §13.11(d) of this subchapter.

(iii) An original, signed certification concerning the validity of the information provided in the application in the form set forth in §13.12(a)(5).

(iv) Any additional information requested by the State to which the application is submitted.

(2) Upon receipt of a joint application by a State listed in §21.29(k) as a participant in a cooperative Federal/State permit application program, the State will process the application for a State falconry permit in accordance with its own procedures. A copy of the application, the check or money order made payable to “U.S. Fish and Wildlife Service” in the amount of the application fee listed in §13.11(d) of this subchapter.

(c) Issuance criteria. Upon receiving an application completed in accordance with paragraph (b) of this section that meets all requirements of this part, the Director will issue a permit. In addition to meeting the general criteria in §13.21(b), the applicant must have a valid State falconry permit issued by a State listed in §21.29(k) of this subchapter.

(d) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, every permit issued under this section shall be subject to the following special conditions:

(1) A permittee may not take, transport, or possess a golden eagle (Aquila chrysaetos) unless authorized in writing under §22.24 of this subchapter.

(2) A permit issued under this section is not valid unless the permittee has a valid State falconry permit issued by a State listed in §21.29(k) of this subchapter.

(3) A permittee may not take, possess, transport, sell, purchase, barter, or transfer any raptor for falconry purposes except under authority of a Federal falconry permit issued under this section and in compliance with the Federal falconry standards set forth in §21.29 of this subchapter.

(4) No permittee may take, purchase, receive, or otherwise acquire, sell, barter, transfer, or otherwise dispose of any raptor unless such permittee submits a form 3-186A (Migratory Bird Acquisition/Disposition Report), completed in accordance with the instructions on the form, to the issuing office within five (5) calendar days of any such transaction.

(5) No raptor may be possessed under authority of a falconry permit unless the permittee has a properly completed form 3-186A (Migratory Bird Acquisition/Disposition Report) for each bird possessed, except as provided in paragraph (d)(4) of this section.
(6) A raptor possessed under authority of a falconry permit may be temporarily held by a person other than the permittee for maintenance and care for a period not to exceed thirty (30) days. The raptor must be accompanied at all times by a properly completed form 3-186A (Migratory Bird Acquisition/Disposition Report) designating the person caring for the raptor as the possessor of record and by a signed, dated statement from the permittee authorizing the temporary possession.

(7) A permittee may not take, possess, transport any peregrine falcon (Falco peregrinus), gyrfalcon (Falco rusticolus), or Harris hawk (Parabuteo unicinctus) unless such bird is banded either by a seamless numbered band provided by the Service or by a permanent, non-reusable band provided by the Service.

(i) Any peregrine falcon (Falco peregrinus), gyrfalcon (Falco rusticolus), or Harris hawk (Parabuteo unicinctus) taken from the wild must be reported to the issuing office within five (5) days of taking and must be banded with a permanent, non-reusable band provided by the Service. No raptor removed from the wild may be banded with a seamless numbered band.

(ii) The loss or removal of any band must be reported to the issuing office within five (5) working days of the loss. The lost band must be replaced by a permanent, non-reusable band supplied by the Service.

(b) More restrictive State laws. Nothing in this section shall be construed to prevent a State from making and enforcing laws or regulations not inconsistent with the standards contained in any convention between the United States and any foreign country for the protection of raptors or with the Migratory Bird Treaty Act, and which shall give further protection to raptors.

(c) Certification of compliance. Any State that wishes to allow the practice of falconry must certify to the Director that its laws or regulations governing the practice of falconry meet or exceed the Federal falconry standards established by this section. Provided that any State that previously submitted its laws or regulations for review by the Director and was listed in paragraph (k) of this section prior to September 14, 1989, shall be deemed to have met this requirement. When a State certifies to the Director that its laws or regulations meet or exceed these Federal standards, a notice will be published in the Federal Register and the State will be listed in paragraph (k) of this section.

(d) Permit. State laws or regulations shall provide that a valid State falconry permit from either that State or
another State meeting Federal falconry standards and listed in paragraph (k) of this section is required before any person may take, possess, or transport a raptor for falconry purposes or practice falconry in that State.

(e) Classes of permits. States may have any number of classes of falconry permits provided the standards are not less restrictive than the following:

(1) Apprentice (or equivalent) class. (i) Permittee shall be at least 14 years old; (ii) A sponsor who is a holder of a General or Master Falconry Permit or equivalent class is required for the first two years in which an apprentice permit is held, regardless of the age of the permittee. A sponsor may not have more than three apprentices at any one time;

(iii) Permittee shall not possess more than one raptor and may not obtain more than one raptor for replacement during any 12-month period; and

(iv) Permittee shall possess only the following raptors which must be taken from the wild: an American kestrel (Falco sparverius), a red-tailed hawk (Buteo jamaicensis), a red-shouldered hawk (Buteo lineatus), or, in Alaska only, a goshawk (Accipiter gentilis).

(2) General (or equivalent) class. (i) A permittee shall be at least 18 years old; (ii) A permittee shall have at least two years experience in the practice of falconry at the apprentice level or its equivalent;

(iii) A permittee may not possess more than two raptors and may not obtain more than two raptors for replacement birds during any 12-month period; and

(iv) A permittee may not take, transport, or possess any golden eagle for falconry purposes unless authorized in writing under §22.24 of this subchapter;

(v) A permittee may not take, in any twelve (12) month period, as part of the three-bird limitation, more than one raptor listed as threatened in part 17 of this chapter, and then only in accordance with part 17 of this chapter.

(f) Examination. State laws or regulations shall provide that before any State falconry permit is issued the applicant shall be required to answer correctly at least 80 percent of the questions on a supervised examination provided or approved by the Service and administered by the State, relating to basic biology, care, and handling of raptors, literature, laws, regulations or other appropriate subject matter.

(g) Facilities and equipment. State laws or regulations shall provide that before a State falconry permit is issued the applicant's raptor housing facilities and falconry equipment shall be inspected and certified by a representative of the State wildlife department as meeting the following standards:

(1) Facilities. The primary consideration for raptor housing facilities whether indoors (mews) or outdoors (weathering area) is protection from the environment, predators, or undue disturbance. The applicant shall have the following facilities, except that depending upon climatic conditions, the issuing authority may require only one of the facilities described below.

(i) Indoor facilities (mews) shall be large enough to allow easy access for caring for the raptors housed in the facility. If more than one raptor is to be kept in the mews, the raptors shall be tethered or separated by partitions and the area for each bird shall be large enough to allow the bird to fully extend its wings. There shall be at least one window, protected on the inside by vertical bars, spaced narrower than the width of the bird's body, and a secure door that can be easily closed. The floor of the mews shall permit easy cleaning and shall be well drained. Adequate perches shall be provided.

§ 21.29

520 CFR Ch. I (10-1-98 Edition)
(ii) Outdoor facilities (weathering area) shall be fenced and covered with netting or wire, or roofed to protect the birds from disturbance and attack by predators except that perches more than 6½ feet high need not be covered or roofed. The enclosed area shall be large enough to insure the birds cannot strike the fence when flying from the perch. Protection from excessive sun, wind, and inclement weather shall be provided for each bird. Adequate perches shall be provided.

(2) Equipment. The following items shall be in the possession of the applicant before he can obtain a permit or license:

(i) Jesses—At least 1 pair of Alymeri jesses or similar type constructed of pliable, high-quality leather or suitable synthetic material to be used when any raptor is flown free. (Traditional 1-piece jesses may be used on raptors when not being flown.);

(ii) Leashes and swivels—At least 1 flexible, weather-resistant leash and 1 strong swivel of acceptable falconry design;

(iii) Bath container—At least 1 suitable container, 2 to 6 inches deep and wider than the length of the raptor, for drinking and bathing for each raptor;

(iv) Outdoor perches—At least 1 weathering area perch of an acceptable design shall be provided for each raptor; and

(v) Weighing device—A reliable scale or balance suitable for weighing the raptor(s) held and graduated to increments of not more than ½ ounce (15 gram) shall be provided.

(3) Maintenance. All facilities and equipment shall be kept at or above the preceding standards at all times.

(4) Transportation; temporary holding. A raptor may be transported or held in temporary facilities which shall be provided with an adequate perch and protected from extreme temperatures and excessive disturbance, for a period not to exceed 30 days.

(h) Marking. All peregrine falcons (Falco peregrinus), gyrfalcon (Falco rusticolus), and Harris hawk (Parabuteo unicinctus) possessed for falconry purposes must be marked in accordance with the following provisions:

(1) Any peregrine falcon (Falco peregrinus), gyrfalcon (Falco rusticolus), or Harris hawk (Parabuteo unicinctus) possessed for falconry purposes must be banded at all times in accordance with these standards. Loss or removal of any band must be reported to the issuing office within five (5) working days of the loss and must be replaced with a permanent, non-reusable, numbered band supplied by the Service.

(i) Taking restrictions. State laws or regulations shall provide the following restrictions on the taking of raptors from the wild:

(1) Young birds not yet capable of flight (eyasses) may only be taken by a General or Master Falconer during the period specified by the State and no more than two eyasses may be taken by the same permittee during the specified period.

(2) First-year (passage) birds may be taken only during the period specified by the State;

(3) In no case shall the total of all periods of taking of eyasses or passage birds exceed 180 days during a calendar year, except that a marked raptor may be retrapped at any time; and

(4) Only American kestrels (Falcosparverius) and great-horned owls (Bubo virginianus) may be taken when over one year old, except that any raptor other than endangered or threatened species taken under a depredation (or special purpose) permit may be used for falconry by General and Master falconers.

(j) Other restrictions. State laws or regulations shall provide the following restrictions or conditions:

(1) A person who possesses a lawfully acquired raptor before the enactment of these regulations and who fails to meet the permit requirements shall be allowed to retain the raptors. All such birds shall be identified with markers supplied by the Service and cannot be released if death, loss, release, or escape occurs.
§ 21.30 Raptor propagation permits.

(a) Permit requirement. A raptor propagation permit is required before any person may take, possess, transport, import, purchase, barter, or offer to sell, purchase, or barter any raptor, raptor egg, or raptor semen for propagation purposes.

(b) Application procedures. Submit application for raptor propagation permits to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

1. A statement indicating the purpose(s) for which a raptor propagation permit is sought and, where applicable, the scientific or educational objectives of the applicant;

2. A statement indicating whether the applicant has been issued a State permit authorizing raptor propagation (include name of State, permit number, and expiration date);
(3) A statement fully describing the nature and extent of the applicant's experience with raptor propagation or handling raptors;

(4) A description of each raptor the applicant possesses or will acquire for propagation purposes to include the species, age (if known), sex (if known), date of acquisition, source, and raptor marker number;

(5) A description of each raptor the applicant possesses for purposes other than raptor propagation to include the species, age (if known), sex (if known), date of acquisition, source, raptor marker number, and purpose for which it is possessed;

(6) A description and photographs of the facilities and equipment to be used by the applicant including the dimensions of any structures intended for housing the birds;

(7) A statement indicating whether the applicant requests authority to take raptors or raptor eggs from the wild.

(c) Issuance criteria. Upon receiving an application completed in accordance with paragraph (b) of this section, the Director will decide whether a permit should be issued. In making this decision, the Director shall consider, in addition to the general criteria in §13.21(b) of this chapter, the following factors:

1. Whether an applicant's raptor propagation facilities are adequate for the number and species of raptors to be held under the permit.

2. Whether propagation is authorized by the State in which the propagation will occur, and if authorized, whether the applicant has any required State propagation permit.

3. Whether the applicant is at least 18 years old with a minimum of 2 years experience handling raptors, and if the applicant requests authority to propagate endangered or threatened species, whether the applicant is at least 23 years old with a minimum of 7 years experience handling raptors.

4. If the applicant requests authority to take raptors or raptor eggs from the wild:

   (i) Whether issuance of the permit would have a significant effect on any wild population of raptors;

   (ii) Whether suitable captive stock is available; and

   (iii) Whether wild stock is needed to enhance the genetic variability of captive stock.

(d) Additional permit conditions. In addition to the general conditions found in part 13 of this chapter, raptor propagation permits are subject to the following additional conditions:

1. Facilities. Any tethered raptor possessed under this permit must be maintained in accordance with the Federal falconry standards for “facilities and equipment” described in §21.29(g), unless a specific exception in writing is obtained. For untethered raptors, the breeding facilities must be soundly constructed and entirely enclosed with wood, wire netting, or other suitable material which provides a safe, health environment. The design of such facilities and ancillary equipment must:

   (i) Minimize the risk of injury by providing protection from predators, disturbances that would likely cause harm, extreme weather conditions, and collision with interior or perimeter construction materials and equipment such as support poles, windows, wire netting, perches, or lights;

   (ii) Enhance sanitation by providing a well-drained floor, fresh air ventilation, source of light, fresh water for bathing and drinking, access for cleaning, and interior construction materials suitable for thorough cleaning or disinfection; and

   (iii) Enhance the welfare and breeding success of the raptors by providing suitable perches, nesting and feeding sites, and observation ports or inspection windows during times when disturbance is felt to be undesirable.

2. Incubation of eggs. Each permittee must notify the Director in writing within 5 days from the day the first egg is laid by any raptor held under a raptor propagation permit, but notice is not required more often than once every 60 days.

3. Marking requirement. Unless otherwise specifically exempted, every raptor possessed for propagation, including all progeny produced pursuant to the permitted activity, must be banded in accordance with the following provisions:
§ 21.30  

(i) Except for captive-bred raptors lawfully marked with a seamless, numbered band provided by the Service, any raptor possessed for propagation purposes shall be banded with a permanent, non-reusable, numbered band issued by the Service.

(ii) Unless specifically exempted by the conditions of the raptor propagation permit, each captive-bred raptor produced under authority of a raptor propagation permit shall be banded within two (2) weeks of hatching with a numbered, seamless band provided by the Service, placed on the raptor's leg (metatarsus). In marking captive-bred raptors, permittees:

(A) Shall use a band with an opening (inside diameter) which is small enough to prevent its removal when the raptor is fully grown without causing serious injury to the raptor or damaging the bands integrity or one-piece construction;

(B) May band a raptor with more than one size band when the potential diameter of the raptor's leg at maturity cannot be determined at the time of banding;

(C) Shall remove all but one band from any raptor with more than one band before the raptor is five (5) weeks of age and return all bands removed to the issuing office.

(iii) No raptor taken from the wild, produced from an egg taken from the wild, or produced from an egg from any source other than bred in captivity under authority of a raptor propagation permit may be banded with a numbered seamless band issued by the Service.

(iv) No permittee under this section may band any raptor with any band issued or authorized by the Service unless that raptor is lawfully possessed by the permittee.

(4) Taking Raptors or Raptor Eggs from the Wild. Any permit authorizing the permittee to take raptors or raptor eggs from the wild for propagation purposes is subject to the following additional restrictions:

(i) The State or foreign country in which the raptors or raptor eggs are taken must authorize the permittee in writing to take raptors or raptor eggs from the wild for propagation purposes;

(ii) No raptor listed in §17.11 of this chapter as "endangered" or "threatened" may be taken from the wild without first obtaining the proper permit under part 17 of this chapter; and

(iii) No raptor or raptor egg may be taken from the wild except in accordance with State law.

(5) Transfer, purchase, sale, or barter of raptors, raptor eggs, or raptor semen. (i) A permittee may transfer any lawfully possessed raptor, raptor egg, or raptor semen to another permittee or transfer any raptor to a falconer who holds a valid State falconry permit if no money or other consideration is involved.

(ii) A permittee may transfer, purchase, sell, or barter any raptor which is banded with a numbered seamless marker provided or authorized by the Service, subject to the following conditions:

(A) When the permittee purchases from, sells to, or barters with any person in the U.S., that person must be authorized under this part to purchase, sell, or barter captive-bred raptors;

(B) When the permittee purchases from or barters with any person in a foreign country, that person must be authorized by the competent wildlife management authority of the foreign country in which the transaction occurs to sell or barter captive-bred raptors; and

(C) When the permittee transfers to, sells to or barters with any person in a foreign country, that person must be authorized to possess, purchase or barter captive-bred raptors by the competent wildlife management authority of his/her country of residence or domicile and the same wildlife management authority must certify in writing that the recipient is an experienced falconer or raptor propagator who is required to maintain any raptors in his/her possession under conditions that are comparable to the conditions under which a permittee must maintain raptors under §21.29 or §21.30. No certification is required if the competent wildlife management authority itself is the recipient of captive-bred raptors for conservation purposes.

(iii) No raptor may be traded, transferred, purchased, sold, or bartered until it is two weeks old and only after
§ 21.30

it is properly banded with a nonreuseable marker provided or authorized by the Service, unless it is transferred, sold, or bartered to a State or Federal wildlife management agency for conservation purposes.

(iv) A permittee may purchase, sell, or barter semen collected from any captive-bred raptor.

(v) A permittee may not purchase, sell or barter any raptor eggs, any raptors taken from the wild, any raptor semen collected from the wild, or any raptors hatched from eggs taken from the wild.

(6) Use of Service form 3-186A. No permittee may take, purchase, receive, or otherwise acquire, sell, trade, barter, transfer, or otherwise dispose of any raptor unless such permittee submits a form 3-186A (Migratory Bird Acquisition/Disposition Report), completed in accordance with the instructions on the form, to the issuing office within five (5) calendar days of any such transfer. Provided, that a permittee does not have to submit a form 3-186A (Migratory Bird Acquisition/Disposition Report) to report the acquisition raptors hatched from eggs produced as a result of the permittee's propagation activities as long as these raptors remain in the possession of the permittee.

(7) Documentation of lawful possession. No raptor may be possessed under authority of a raptor propagation permit unless the permittee has a properly completed form 3-186A (Migratory Bird Acquisition/Disposition Report) for each bird possessed, except as provided in paragraph (d)(5) of this section.

(8) Temporary possession. A raptor possessed under authority of a raptor propagation permit may be temporarily held by a person other than the permittee only if that person is otherwise authorized to possess raptors, and only if the raptor is accompanied at all times by the properly completed form 3-186A (Migratory Bird Acquisition/Disposition Report) designating the permittee as the possessor of record and by a signed, dated statement from the permittee authorizing the temporary possession.

(9) Sale, purchase, barter. A permittee may not sell, purchase, barter, or offer to sell, purchase, or barter any raptor unless the raptor is marked on the metatarsus by a seamless, numbered band supplied by the Service.

(10) Transfer to another. A permittee may not receive or otherwise acquire from, may not transfer or otherwise dispose of to, and may not loan to or temporarily place with another person any raptor unless that person is authorized to acquire, possess, and dispose of such raptors under a valid permit issued pursuant to this part and part 13 or as permitted by regulations in this part.

(11) Use in falconry. A permittee may use a raptor possessed for propagation in the sport of falconry only if such use is designated in both the propagation permit and the permittee's falconry permit.

(12) Interspecific hybridization. Hybridization between species (interspecific hybridization) is authorized only if each raptor produced by interspecific hybridization is either imprinted on humans (hand-raised in isolation from the sight of other raptors from two weeks of age until it is fully feathered) or surgically sterilized.

(13) Possession of dead raptors, non-viable eggs, nests, and feathers. (i) Upon the death of any raptor held under permit, a permittee must remove the marker and immediately return it to the Director. The carcass must be destroyed immediately, unless the permittee requests authorization from the Director to retain possession of it. A permittee who has obtained written authorization from the Director to retain possession of the carcass may transfer it to any other person authorized by the Service to possess it, provided no money or other consideration is involved.

(ii) A permittee may possess addled or blown eggs, nests, and feathers from raptors held under permit and may transfer any of these items to any other person authorized by the Service to possess them provided no money or other consideration is involved.

(14) Intentional release to the wild. (i) A permittee must obtain written authorization from the Director and the Director of the wildlife conservation department of the State in which release to the wild is proposed before intentionally releasing any raptor to the State.
wild. The raptor marker must be removed from each bird and immediately returned to the Director. A Federal bird band must be attached to each raptor by a person designated by the Director before its release.

(ii) No raptor produced by interspecific hybridization may be intentionally released to the wild.

(15) Recordkeeping. A permittee must maintain complete and accurate records of all operations, to include the following:

(i) Acquisition of raptors, eggs, or semen from sources other than production.

(A) Description of stock:
(1) Species, sex, age of each (if applicable),
(2) Genotype-natal area (geographical breeding site or area that captive stock represents, e.g., Colville River, Alaska; unknown; migrant taken in Maryland, etc.), and
(3) Marker number (if applicable).

(B) Type of stock (including number or amount):
(1) Semen,
(2) Egg, or
(3) Bird.

(C) How acquired:
(1) Purchase, barter, or transfer (include the purchase price or a description of any other consideration involved), or
(2) Taken from the wild.

(D) Date acquired: month, day, and year.

(E) From whom or where stock acquired:
(1) Name, address, and permit number of seller, barterer, or transferor; or
(2) Location where stock taken from the wild.

(ii) Disposition of raptors, eggs, or semen.

(A) Description of stock:
(1) Species, sex, age of each (if applicable),
(2) Genotype-natal area (geographical breeding site or area that captive stock represents, e.g., Colville River, Alaska; unknown; migrant taken in Maryland, etc.), and
(3) Marker number (if applicable).

(B) Type of stock (including number or amount):
(1) Semen,
(2) Egg, or
(3) Bird.

(C) Manner of disposition:
(1) Sale, barter, or transfer (include the sale price or a description of any other consideration involved),
(2) Live loss,
(3) Intentional release to the wild, or
(4) Death.

(D) Date of disposition: month, day, and year.

(E) To whom or where stock disposed:
(1) Name, address, and permit number of purchaser, barterer, or transferee, or
(2) Description and location of other disposition.

(iii) Production and pedigree record.

(A) Mother and father(s):
(1) Species,
(2) Genotype-natal area, and
(3) Marker number.

(B) Insemination:
(1) Natural,
(2) Artificial, or
(3) Combined.

(C) Eggs laid:
(1) Total,
(2) First date, and
(3) Last date.

(D) Eggs hatched:
(1) Total,
(2) First date, and
(3) Last date.

(E) Young raised to 2 weeks of age:
(1) Total produced, and
(2) Marker number and date marked for each raptor.

(16) Annual report. A permittee must submit an annual report by January 31 of each year for the preceding year to the Director. The report must include the following information for each species possessed by the permittee:

(i) Number of raptors possessed as of December 31 (including the species, marker number, sex, and age of each raptor).

(ii) Number of females laying eggs.

(iii) Number of eggs laid.

(iv) Number of eggs hatched.

(v) Number of young raised to 2 weeks of age.

(vi) Number of raptors purchased, sold, bartered, received, or transferred (including the species, marker number, sex, and age of each raptor) the date of the transaction, and the name, address and permit number of each purchaser, seller, barterer, transferor, or transferee.
§ 21.42 Authority to issue depredating orders to permit the killing of migratory game birds.

Upon the receipt of evidence clearly showing that migratory game birds have accumulated in such numbers in a particular area as to cause or about to cause serious damage to agricultural, horticultural, and fish cultural interests, the Director is authorized to issue by publication in the Federal Register a depredation order to permit the killing of such birds under the following conditions:

(a) That such birds may only be killed by shooting with a shotgun not larger than No. 10 gauge fired from the shoulder, and only on or over the threatened area or areas;

(b) That shooting shall be limited to such time as may be fixed by the Director on the basis of all circumstances involved. If prior to termination of the period fixed for such shooting, the Director receives information that there no longer exists a serious threat to the area or areas involved, he shall without delay cause to be published in the Federal Register an order of revocation;

(c) That such migratory birds as are killed under the provisions of any depredation order may be used for food or donated to public museums or public scientific and educational institutions for exhibition, scientific, or educational purposes, but shall not be sold, offered for sale, bartered, or shipped for purpose of sale or barter, or

depeas, duck calls, or other devices to lure or entice birds within gun range.

(4) All migratory birds killed shall be retrieved by the permittee and turned over to a Bureau representative or his designee for disposition to charitable or other worthy institutions for use as food, or otherwise disposed of as provided by law.

(5) Only persons named on the permit are authorized to act as agents of the permittee under authority of the permit.

(d) Tenure of permits. The tenure of depredation permits shall be limited to the dates which appear on its face, but in no case shall be longer than one year.

§ 21.43 Depredation order for blackbirds, cowbirds, grackles, crows and magpies.

A Federal permit shall not be required to control yellow-headed red-winged, rusty, and Brewer's blackbirds, cowbirds, all grackles, crows, and magpies, when found committing or about to commit depredations upon ornamental or shade trees, agricultural crops, livestock, or wildlife, or when concentrated in such numbers and manner as to constitute a health hazard or other nuisance: Provided:

(a) That none of the birds killed pursuant to this section, nor their plumage, shall be sold or offered for sale, but may be possessed, transported, and otherwise disposed of or utilized.

(b) That any person exercising any of the privileges granted by this section shall permit at all reasonable times including during actual operations, any Federal or State game or deputy game agent, warden, protector, or other game law enforcement officer free and unrestricted access over the premises on which such operations have been or are being conducted; and shall furnish promptly to such officer whatever information he may require, concerning said operations.

(c) That nothing in this section shall be construed to authorize the killing of such birds contrary to any State laws or regulations; and that none of the privileges granted under this section shall be exercised unless the person possesses whatever permit as may be required for such activities by the State concerned.

§ 21.44 Depredation order for designated species of depredating birds in California.

In any county in California in which horned larks, golden-crowned, white-crowned and other crowned sparrows, and house finches are, under extraordinary conditions, seriously injurious to agricultural or other interests, the Commissioner of Agriculture may, without a permit, kill or cause to be killed under his/her general supervision such of the above migratory birds as may be necessary to safeguard any agricultural or horticultural crop in the county: Provided:

(a) That such migratory birds shall be killed only when necessary to protect agricultural or horticultural crops from depredation; that none of the above migratory birds killed, or the parts thereof, or the plumage of such birds, shall be sold or removed from the area where killed; but that all such dead migratory birds shall be buried or otherwise destroyed within this area, except that any specimens needed for scientific purposes, as determined by the State or the Director shall not be destroyed.

(b) That any Commissioner of Agriculture exercising the privileges granted by this section shall keep records of the persons authorized by the Commissioner to kill such migratory birds, and the estimated number of such birds killed pursuant to the exercise of his authority, and the Commissioner shall submit a report thereof to the Director on or before December 31 of each year or whenever the Director so requests.

§ 21.45 Depredation order for depredating purple gallinules in Louisiana.

Landowners, sharecroppers, tenants, or their employees or agents, actually engaged in the production of rice in Louisiana, may, without a permit, shoot purple gallinules (Ixonoris martinica) when found committing or about to commit serious depredations
to growing rice crops on the premises owned or occupied by such persons: Provided:

(a) That purple gallinules may only be killed pursuant to this section between May 1 and August 15 in any year.

(b) That purple gallinules killed pursuant to this section shall not be transported or sold or offered for sale except that, such transportation within the area, as may be necessary to bury or otherwise destroy the carcasses of such birds is permitted: Provided, that the Director or the State agricultural department, college, or other public institution may requisition such purple gallinules killed as may be needed for scientific investigations: Provided further, that any purple gallinules killed under authority of this section may also be donated to charitable institutions for food purposes.

(c) That any person exercising any of the privileges granted by this section shall permit at all reasonable times, including during actual operations, any Federal or State game or deputy game agent, warden, protector, or other game law enforcement officer free and unrestricted access over the premises on which such operations have been or are being conducted; and shall furnish promptly to such officer whatever information he may require, concerning said operations.

(d) That nothing in this section shall be construed to authorize the killing of such migratory birds contrary to any State laws or regulations; and that none of the privileges granted under this section shall be exercised unless the person possesses whatever permit as may be required for such activities by the State of Louisiana.

(e) That any person authorized by this section to exercise the privileges granted therein shall maintain records of the number of birds killed on the premises and shall submit a report thereof, on or before December 31 of each year, to the Director.

§ 21.46 Depredation order for depredating scrub jays and Steller’s jays in Washington and Oregon.

Landowners, sharecroppers, tenants, or their employees or agents actually engaged in the production of nut crops in Washington and Oregon may, without a permit, take scrub jays (Aphelocoma coerulescens) and Steller’s jays (Cyanocitta stelleri) when found committing or about to commit serious depredations to nut crops on the premises owned or occupied by such persons: Provided:

(a) That scrub jays and Steller’s jays may only be taken pursuant to this section between August 1 and December 1 in any year, in the Washington counties of Clark, Cowlitz, and Lewis; and the Oregon counties of Benton, Clackamas, Lane, Linn, Marion, Multnomah, Polk, Washington, and Yamhill.

(b) That scrub jays and Steller’s jays taken pursuant to this section shall not be transported or sold or offered for sale except that, such transportation within the area, as may be necessary to bury or otherwise destroy the carcasses of such birds is permitted: Provided, that the Director of the State agricultural department, college, or other public institution may requisition such scrub jays and Steller’s jays killed as may be needed for scientific investigations.

(c) That such birds may be taken only by trapping or shooting and on areas where serious depredations are being or are about to be committed.

(d) That any person exercising any of the privileges granted by this section shall permit at all reasonable times, including during actual operations, any Federal or State game or deputy game agent, warden, protector, or other law enforcement officer free and unrestricted access over the premises on which such operations have been or are being conducted; and shall furnish promptly to such officer whatever information he may require, concerning said operations.

(e) That nothing in this section shall be construed to authorize the killing of such migratory birds contrary to any State laws or regulations; and that none of the privileges granted under this section shall be exercised unless the person possesses whatever permit as may be required for such activities by the States of Washington and Oregon.

(f) That any person authorized by this section to exercise the privileges granted therein shall maintain records
§ 21.47 Depredation order for double-crested cormorants at aquaculture facilities.

The Service examined the rule under the Paperwork Reduction Act of 1995 and found that it does contain information collection requirements. OMB has issued the following emergency information collection number, 1018-0097, which expires on August 31, 1998. Information collection is required to better enable the Service to assess the benefits of the depredation order on aquaculturists and to assess impacts to the double-crested cormorant population. Burden hours to aquaculturists are calculated as follows: an average of 41 birds may be taken by each of some 2,200 aquaculturists per season. An estimated total of 800 hours will be required to keep and maintain the monthly logs, and produce the logs for inspection, yielding an average of 22 minutes per aquaculturist per year.

Landowners, operators, and tenants actually engaged in the production of commercial freshwater aquaculture stocks (or their employees or agents) in the States of Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Minnesota, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas may, without a Federal permit, take double-crested cormorants (Phalacrocorax auritus) when found committing or about to commit depredations to aquaculture stocks on the premises used for the production of such stocks: Provided that:

(a) Double-crested cormorants may be taken by shooting during daylight hours only, and only when necessary to protect freshwater commercial aquaculture and State-operated hatchery stocks from depredation; none of the birds so taken may be sold; and all dead birds must be buried or incinerated, except that any specimens needed for scientific purposes as determined by the Director must not be destroyed, and information on birds carrying metal leg bands may be submitted to the Bird Banding Laboratory by means of a toll-free telephone number at 1-800-327-BAND (or 2263).

(b) Double-crested cormorants may be shot at freshwater commercial aquaculture facilities or State-operated hatcheries only in conjunction with an established non-lethal harassment program as certified by officials of the Wildlife Services' program of the U.S. Department of Agriculture's Animal and Plant Health Inspection Service.

(c) Double-crested cormorants may be taken with firearms only within the boundaries of freshwater commercial aquaculture facilities or State-operated hatcheries, and persons using shotguns are required to use nontoxic shot.

(d) Persons operating under the provisions of this section may use decoys, taped calls, or other devices to lure birds committing or about to commit depredations within gun range.

(e) Any person exercising the privileges of this section must keep and maintain a log recording the date and number of all birds killed each month under this authorization, that the log must be maintained for a period of three years (and that three previous years of takings must be maintained at all times thereafter), that the log and any related records be made available to Federal or State wildlife enforcement officers upon request during normal business hours.

(f) Nothing in this section authorizes the killing of double-crested cormorants contrary to the laws or regulations of any State, and none of the privileges of this section may be exercised unless the person possesses the appropriate State permits, when required; nor the killing of any migratory bird species other than double-crested cormorants when committing or about to commit depredations to aquaculture stocks.

(g) The authority granted in this section will automatically expire on April 30, 2005, unless revoked or specifically extended prior to that date.

[63 FR 10560, Mar. 4, 1998]
PART 22—EAGLE PERMITS

Subpart A—Introduction

§ 22.1 Purpose of regulations.

The regulations contained in this part govern the taking, possession, and transportation of bald and golden eagles for scientific, educational, and depredations control purposes and for the religious purposes of Indian tribes. The import, export, purchase, sale, or barter of bald or golden eagles, their parts, nests, or eggs is not permitted by any regulation of this subchapter B.

§ 22.2 Scope of regulations.

(a) Bald eagles, alive or dead, or their parts, nests, or eggs lawfully acquired prior to June 8, 1940, and golden eagles, alive or dead, or their parts, nests, or eggs lawfully acquired prior to October 24, 1962, may be possessed, or transported without a Federal permit, but may not be imported, exported, purchased, sold, traded, bartered, or offered for purchase, sale, trade or barter; and all shipments containing such birds, parts, nests, or eggs must be marked as provided by 18 U.S.C. 44 and §14.81 of this subchapter: Provided, That no exemption from any statute or regulation shall accrue to any offspring of such birds.

(b) The provisions in this part are in addition to, and are not in lieu of, other regulations of this subchapter B which may require a permit or prescribe additional restrictions or conditions for the importation, exportation, and interstate transportation of wildlife (see also part 13 of this subchapter).

Subpart B—General Requirements

§ 22.3 Definitions.

In addition to definitions contained in part 0 of this subchapter, and unless the context otherwise requires, in this part 22:

Area nesting population means the number of pairs of golden eagles known to have a nesting attempt during the preceding 12 months within a 10-mile radius of a golden eagle nest.

Golden eagle nest means any readily identifiable structure built, maintained or occupied by golden eagles for propagation purposes.

Inactive nest means a golden eagle nest that is not currently used by golden eagles as determined by the absence of any adult, egg, or dependent young at the nest during the 10 days before the nest is taken.

Nesting attempt means any activity by golden eagles involving egg laying and incubation as determined by the presence of an egg attended by an adult, an adult in incubation posture, or other evidence indicating recent use of a golden eagle nest for incubation of eggs or rearing of young.

Person means an individual, corporation, partnership, trust, association, or any other private entity, or any officer, employee, agent, department, or instrumentality of any State or political subdivision of a State.

Resource development or recovery includes, but is not limited to, mining, timbering, extracting oil, natural gas and geothermal energy, construction of roads, dams, reservoirs, power plants,
§ 22.4 Information collection requirements.

(a) The Office of Management and Budget approved the information collection requirements contained in this part 22 under 44 U.S.C. 3507 and assigned OMB Control Number 1018-0022. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in the Bald and Golden Eagle Protection Act and its regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit.

(b) We estimate the public reporting burden for these reporting requirements to vary from 1 to 4 hours per response, with an average of 1 hour per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS-222, ARLSQ, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project (1018-0022), Washington, DC 20503.

Subpart B—General Requirements

§ 22.11 General permit requirements.

No person shall take, possess, or transport any bald eagle (Haliaeetus leucocephalus) or any golden eagle (Aquila chrysaetos), or the parts, nests, or eggs of such birds except as may be permitted under the terms of a valid permit issued pursuant to the provisions of this part and part 13 and under §21.22 (banding or marking permits), or under a depredation order issued under subpart D of this part.

Subpart C—Eagle Permits

§ 22.21 Permits for scientific or exhibition purposes.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a permit authorizing taking, possession, or transportation of bald eagles or golden eagles, or their parts, nests, or eggs for the scientific or exhibition purposes of public museums, public scientific societies, or public zoological parks.

(a) Application procedures. Submit applications for permits to take, possess, or transport bald or golden eagles, their parts, nests or eggs for scientific or exhibition purposes to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) Species of eagle and number of such birds, nests, or eggs proposed to be taken, possessed, or transported;
(2) Specific locality in which taking is proposed, if any;
(3) Method taking proposed, if any;
(4) If not taken, the source of eagles and other circumstances surrounding the proposed acquisition or transportation;
(5) Name and address of the public museum, public scientific societies, or
§ 22.22 Permits for Indian religious purposes.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a permit authorizing the taking, possession, and transportation of bald or golden eagles, or their parts, nests, or eggs for the religious use of Indians.

(a) Application procedures. Submit applications for permits to take, possess, or transport bald or golden eagles, their parts, nests or eggs for the religious use of Indians to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Only applications from individual Indians will be accepted. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) Species and number of eagles or feathers proposed to be taken, or acquired by gift or inheritance.

(2) State and local area where the taking is proposed to be done, or from whom acquired.

(3) Name of tribe with which applicant is associated.

(4) Name of tribal religious ceremony(ies) for which required.

(5) Applicant must attach a certification from the Bureau of Indian Affairs that the applicant is an Indian.

(6) Applicant must attach a certification from a duly authorized official of the religious group that the applicant is authorized to participate in such ceremonies.

(b) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to take, possess, and transport bald or golden eagles, their parts, nests or eggs, for the religious use of Indians shall be subject to the following conditions:

(1) Bald or golden eagles or their parts possessed under permits issued pursuant to this section are not transferable, except such birds or their parts may be handed down from generation to generation or from one Indian to another in accordance with tribal or religious customs; and

(2) Permittees shall make such reports or submit inventories of eagle
§ 22.23 Permits to take depredating eagles.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a permit authorizing the taking of depredating bald or golden eagles.

(a) Application procedures. Submit applications for permits to take depredating bald or golden eagles to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) Species and number of eagles proposed to be taken;
(2) Location and description of property where taking is proposed;
(3) Inclusive dates for which permit is requested;
(4) Method of taking proposed;
(5) Kind and number of livestock or domestic animals owned by applicant;
(6) Kind and amount of alleged damaged; and
(7) Name, address, age, and business relationship with applicant of any person the applicant proposes to act for him as his agent in the taking of such eagles.

(b) Additional permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to take depredating bald or golden eagles shall be subject to the following conditions:

(1) Bald or golden eagles may be taken under permit by firearms, traps, or other suitable means except by poison or from aircraft;
(2) The taking of eagles under permit may be done only by the permittee or his agents named in the permit;
(3) Any eagle taken under authority of such permit will be promptly turned over to a Service agent or other game law enforcement officer designated in the permit; and
(4) In addition to any reporting requirement set forth in the permit, the permittee shall submit a report of activities conducted under the permit to the Special Agent in Charge within 10 days following completion of the taking operations or the expiration of the permit whichever occurs first.

(c) Issuance criteria. The Director shall conduct an investigation and not issue a permit to take depredating bald or golden eagles unless he has determined that such taking is compatible with the preservation of the bald or golden eagle. In making such determination the Director shall consider, among other criteria, the following:

(1) The direct or indirect effect which issuing such permit would be likely to have upon the wild population of bald or golden eagles; and
(2) Whether the applicant is an Indian who is authorized to participate in bona fide tribal religious ceremonies.

(d) Tenure of permits. Any permit issued pursuant to this section shall be valid during the period specified on the face thereof which shall in no case be longer than 1 year from date of issue. Any permit issued pursuant to this section which authorizes the permittee to transport and possess eagles or their parts shall be valid for the life of the permittee unless sooner revoked.

(3) Whether the only way to abate the damage caused by the bald or golden eagle is to take some or all of the offending birds.

(d) Tenure of permits. The tenure of any permit to take bald or golden eagles for depredation control purposes shall be that shown on the face thereof, and shall in no case be longer than 90 days from date of issue.


§ 22.24 Permits for falconry purposes.

The Director may, upon receipt of an application and in accordance with the issuance criteria of this section, issue a permit authorizing the possession and transportation of golden eagles for falconry purposes.

(a) Application procedures. Submit applications for permits to possess and transport golden eagles for falconry purposes to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

(1) A copy of the applicant’s master (or equivalent) class permit issued in accordance with 50 CFR 21.28.

(2) A statement of the applicant’s experience in handling large raptors, including the species, type of experience and duration of the activity in which the experience was acquired.

(3) At least two (2) letters of reference from individuals with recognized experience in handling and/or flying eagles. Each letter must contain a concise history of the author’s experience with eagles. Eagle handling experience is defined as, but is not limited to, the handling of pre-Act birds, zoological specimens, rehabilitating eagles, or scientific studies involving eagles. Each letter must also assess the applicant’s capability to properly care for the fly golden eagles in falconry, and recommend the issuance or denial of the permit.

(4) A description of the facilities in which golden eagles will be housed.

(b) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter B, permits to possess and transport golden eagles for falconry purposes are subject to the following conditions:

(1) Golden eagles possessed for falconry purposes are considered as raptors and must be maintained in accordance with Federal falconry standards described in §§21.28 and 21.29 of this subchapter.

(2) Only golden eagles legally obtained may be possessed and transported for falconry purposes.

(3) Captive breeding of golden eagles possessed for falconry purposes is prohibited.

(4) The applicant, or authorized agent, must agree to take possession of a requested golden eagle(s) within 72 hours of notification of availability. Expenses incurred by the applicant in taking possession of said eagle(s) will be the applicant’s responsibility.

(5) The golden eagle(s) must be banded with a numbered eagle marker provided by the Service.

(b) Permit conditions. In addition to the general conditions set forth in part 13 of this subchapter, permits to possess and transport golden eagles for falconry purposes are subject to the following conditions:

(1) Golden eagles possessed for falconry purposes are considered as raptors and must be maintained in accordance with Federal falconry standards described in §§21.28 and 21.29 of this subchapter.

(2) Only golden eagles legally obtained may be possessed and transported for falconry purposes.

(3) Captive breeding of golden eagles possessed for falconry purposes is prohibited.

(4) The applicant, or authorized agent, must agree to take possession of a requested golden eagle(s) within 72 hours of notification of availability. Expenses incurred by the applicant in taking possession of said eagle(s) will be the applicant’s responsibility.

(5) The golden eagle(s) must be banded with a numbered eagle marker provided by the Service.

(6) All permits issued pursuant to this section shall state on their face that eagles possessed for falconry purposes under authority of this permit may not be transferred or otherwise intentionally disposed of by any means, including release to the wild, without written approval from the appropriate regional director.  

535
§ 22.25 Permits to take golden eagle nests.

(7) All permits issued pursuant to this section shall state on their face that the appropriate special agent in charge must be notified no later than ten (10) days after the death of a permit holder.

(c) More restrictive State laws. Nothing in this section shall be construed to prevent a State from making and/or enforcing more restrictive laws and regulations as regards the use of golden eagles in falconry.

(d) Issuance criteria. The Director shall conduct an investigation and shall not issue a permit to possess and transport golden eagles for falconry purposes unless he has determined:

(1) that such possession and transportation is compatible with the preservation of golden eagles; that the proposed possession and transportation of golden eagles for falconry is not otherwise prohibited by laws and regulations within the State where the activity is proposed; and that the applicant is qualified to possess and transport golden eagles for falconry purposes. In making the latter determination, the Director shall consider, but shall not necessarily be limited to, the following:

(1) The applicant’s cumulative falconry experience.
(2) The applicant’s demonstrated ability to handle and care for large raptors.
(3) Information contained in the applicant’s letters of reference.

(e) Tenure of permits. Any permit to possess and transport golden eagles for falconry purposes is valid for as long as the holder maintains a valid master (or equivalent) class falconry permit or until revoked in writing by the Service.

(f) Permission to trap golden eagles for falconry purposes. Applicants desiring to trap golden eagles from the wild for use in falconry must request and obtain permission from the Service prior to exercising this privilege. The following applies to requests:

(1) Only golden eagles from a specified depredation area may be trapped for falconry purposes.
(2) Permission to trap golden eagles must be requested in writing from the appropriate State Animal Damage Control (ADC) supervisor subsequent to issuance of the permit to possess and transport golden eagles for falconry purposes.

(3) Permission to trap will not be granted until the permittee suitably demonstrates to the State ADC supervisor or a designated project leader his/her qualifications and capabilities to trap golden eagles from the wild.

(4) All such trapping must be conducted under the direct supervision of the State ADC supervisor or designated project leader in the specified depredation area.

(5) Any permission to trap golden eagles from the wild pursuant to this section shall in no case extend more than 90 days from the date of issue.

(6) Upon issuance of permission to trap in accordance with the above conditions, the appropriate special agent in charge will be notified in writing by the State ADC supervisor of the individual’s name, address, location of the specified depredation area and tenure of permission to trap golden eagles.

(The information collection requirements approved by the Office of Management and Budget under control number 1018-0022. The information is necessary to determine potential permittee’s qualifications and is required to obtain a permit)

[49 FR 891, Jan. 6, 1984, as amended at 63 FR 52638, Oct. 1, 1998]
obligation to respond is required to obtain or retain a permit.

(a) Application procedures. Submit applications for permits to take golden eagle nests to the appropriate Regional Director (Attention: Migratory bird permit office). You can find addresses for the Regional Directors in 50 CFR 2.2. Applications are accepted only from persons engaged in a resource activity or recovery operation, including the planning and permitting stages of an operation. Each application must contain the general information and certification required in §13.12(a) of this subchapter, and the following additional information:

1. A description of the resource development or recovery operation in which the applicant is engaged;
2. The number of golden eagle nests proposed to be taken;
3. A description of the property on which the taking is proposed, with reference made to its exact geographic location. An appropriately scaled map or plat must be included which delineates the area of the resource development or recovery operation and identifies the exact location of each golden eagle nest proposed to be taken. The map or plat must contain enough detail so that each golden eagle nest proposed to be taken can be readily located by the Service.
4. For each golden eagle nest proposed to be taken, the applicant must calculate the area nesting population of golden eagles and identify on an appropriately scaled map or plat the exact location of each golden eagle nest used to calculate the area nesting population. The map or plat must contain enough details so that each golden eagle nest used to calculate the area nesting population can be readily located by the Service.
5. A description of each activity to be performed during the resource development or recovery operation which involves the taking of a golden eagle nest;
6. A statement with any supporting documents from ornithologists experienced with golden eagles or other qualified persons who have made on site inspections and can verify the applicant's calculation of the area nesting population;
7. The length of time for which the permit is requested, including the dates on which the proposed resource development or recovery operation is to begin and end;
8. A statement indicating the intended disposition of each nest proposed to be taken. Applicants should state whether they are willing to collect any nest for scientific or educational purposes; and
9. A statement indicating any proposed mitigation measures that are compatible with the resource development or recovery operation to encourage golden eagles to reoccupy the resource development or recovery site. Mitigation measures may include reclaiming disturbed land to enhance golden eagle nesting and foraging habitat, relocating in suitable habitat any inactive golden eagle nest taken, or establishing one or more nest sites. If the establishment of one or more nest sites is proposed, a description of the materials and methods to be used and the exact location of each artificial nest site must be included.

(b) Additional permit conditions. In addition to the general conditions set forth in part 13 of this chapter, permits to take golden eagle nests are subject to the following additional conditions:

1. Only inactive golden eagle nests may be taken.
2. The permittee shall submit a report of activities conducted under the permit to the Director within ten (10) days following the permit's expiration;
3. The permittee shall notify the Director in writing at least 10 days but not more than 30 days before any golden eagle nest is taken;
4. The permittee shall comply with any mitigation measures determined by the Director to be feasible and compatible with the resource development or recovery operation; and
5. Any permit issued before the commencement of a resource development or recovery operation is invalid if the activity which required a permit is not performed.

(c) Issuance criteria. The Director shall conduct an investigation and not issue a permit to take any golden eagle nest unless such taking is compatible
§ 22.31  Golden eagle depredations control order on request of Governor of a State.
(a) Whenever the Governor of any State requests permission to take golden eagles to seasonally protect domesticated flocks and herds in such State, the Director shall make an investigation and if he determines that such taking is necessary to and will seasonally protect domesticated flocks and herds in such States he shall authorize such taking in whatever part or parts of the State and for such periods as he determines necessary to protect such interests.
(b) Requests from the Governor of a State to take golden eagles to seasonally protect domesticated flocks and herds must be submitted in writing to the Director listing the periods of time during which the taking of such birds is recommended, and including a map of the State indicating the boundaries of the proposed area of taking. Such requests should include a statement of the facts and the source of such facts that in the Governor’s opinion justifies the request. After a decision by the Director, the Governor will be advised in writing concerning the request and a notice will be published in the Federal Register.

§ 22.32  Conditions and limitations on taking under depredation control order.
(a) Whenever the taking of golden eagles without a permit is authorized for the seasonal protection of livestock, such birds may be taken by firearms, traps, or other suitable means except by poison or from aircraft.
(b) Any person exercising any of the privileges granted by this subpart D must permit all reasonable times, including during actual operations, any Service agent, or other game law enforcement officer free and unrestricted access over the premises on which such operations have been or are being conducted; and shall furnish promptly to such officer whatever information he may require concerning such operations.
(c) The authority to take golden eagles under a depredations control order issued pursuant to this subpart D only authorizes the taking of golden eagles when necessary to seasonally protect domesticated flocks and herds, and all such birds taken must be reported and turned over to a local Bureau Agent.
§ 23.3 Definitions.
§ 23.4 Parties to the Convention.

Subpart B—Prohibitions, Permits and Exceptions

§ 23.11 Prohibitions.
§ 23.12 Requirements.
§ 23.13 Exceptions.
§ 23.14 Foreign documentation.
§ 23.15 Permits and certificates.

Subpart C—Appendices I, II and III to the Convention on International Trade in Endangered Species of Wild Fauna and Flora

§ 23.21 Criteria for listing species. [Reserved]
§ 23.22 Procedures for amending the appendices. [Reserved]
§ 23.23 Species listed in Appendices I, II, and III.

Subpart D—Public Participation in the Development of Negotiating Positions for Meetings of the Conference of the Parties to the Convention on International Trade in Endangered Species of Wild Fauna and Flora; Federal Agency Consultation

§ 23.31 Purpose of regulations.
§ 23.32 Notice of meeting of conference of the Parties to the Convention.
§ 23.33 Notice of proposed negotiating positions.
§ 23.34 Public meetings.
§ 23.35 Notice of negotiating positions.
§ 23.36 Schedule of public meetings and notices.
§ 23.37 Federal agency consultation.
§ 23.38 Modifications of procedures and negotiating positions.
§ 23.39 Notice of availability of official report.

Subpart E—Scientific Authority Advice [Reserved]

Subpart F—Export of Certain Species

§ 23.51 American ginseng (Panax quinquefolius).
§ 23.52 Bobcat (Lynx rufus).
§ 23.53 River otter (Lontra canadensis).
§ 23.54 Lynx (Lynx canadensis).
§ 23.55 Gray wolf (Canis lupus).
§ 23.56 Brown bear (Ursus arctos).
§ 23.57 American alligator (Alligator mississippiensis).

§ 23.4 Parties to the Convention.

The following countries are currently parties to the Convention. The name and address of the management authority is included under the name of each country. This list is for the convenience of the public, and does not preclude the application of regulations in this part 23 to importation, exportation or re-exportation to or from other countries.

AUSTRALIA
The Bureau of Customs, Department of Business and Consumer Affairs, Canberra, Act 2600, Australia.

BRAZIL
Instituto Brasileiro de Desenvolvimento Florestal (IBDF) do Ministério da Agricultura, Palacio do Desenvolvimento, Setor Bancario Norte, 13º andar, 70000 Brazilia—DF Brazil.

CANADA
The Administrator, Convention on International Trade in Endangered Species, Department of the Environment, Ottawa, Ontario, K1A 0H3, Canada.

CHILE
Servicio Agrícola y Ganadero (SAG), Ministerio de Agricultura, Santiago, Chile.

COSTA RICA
Departamento de Pesca Continental y Vida Silvestre, Ministerio de Agricultura y Ganaderia, San Jose, Costa Rica.

CYPRUS
Ministry of Agriculture and Natural Resources, Nicosia, Cyprus.

ECUADOR
Ministerio de Agricultura y Ganaderia, Quito, Ecuador.

50 CFR Ch. 1 (10-1-98 Edition)

FEDERAL REPUBLIC OF GERMANY
Bundesminister für Ernährung Landwirtschaft und Forsten, Rochusstrasse 1, 5300 Bonn-Duisdorf, Federal Republic of Germany.

FINLAND
Maa–ja Metsatalousministerio, Ministry of Agriculture and Forestry, Bureau of Natural Resources, Hallituskatu 3 A, 00170 Helsinki 3 A, Finland.

GERMAN DEMOCRATIC REPUBLIC
Ministerium für Land, Forst und Nahrungsgüterwirtschaft, der Deutschen Demokratischen Republik, DDR–1157 Berlin, German Democratic Republic.

GHANA
Department of Game and Wildlife, P.O. Box M 293, Accra, Ghana.

INDIA
The Director of Wildlife Preservation, Government of India, Ministry of Agriculture and Irrigation, Department of Agriculture, Krishi Bhaven, New Delhi—110001, India.

IRAN
Department of the Environment, P.O. Box 1430, Tehran, Iran.

MALAGASY REPUBLIC
Direction des Eaux et Forêts et de la Conservation des Sol, B.P. 243, Tananarive.

MAURITIUS
The Conservator of Forests, Forest Service, Curepipe, Mauritius.

MOROCCO

NEPAL
Not available.

NIGER

NIGERIA
Not available.

NORWAY
The Royal Ministry of Environment, Myntgaten 2, P.O. Box 8012 Oslo-Dep., N—Oslo 1, Norway.


§ 23.12 Requirements.

(a) Import—(1) Appendix I. (i) In order to import into the United States any wildlife or plant listed in Appendix I from any foreign country, a United States import permit, issued pursuant to §23.15, and a valid foreign export permit issued by the country of origin or a valid foreign re-export certificate issued by the country of re-export must be obtained prior to such importation.

(ii) In order to import directly into the United States any wildlife or plant listed in Appendix I or II (see §23.23) taken from the sea beyond the jurisdiction of any country.

(b) Export. It is unlawful to export from the United States any wildlife or plant listed in Appendix I, II or III (see §23.23) from any foreign country.

(c) Re-export. It is unlawful to re-export from the United States any wildlife or plant listed in Appendix I, II or III imported into the United States, or exported or re-exported from the United States contrary to the provisions of the Convention or this part 23.

§ 23.11 Prohibitions.

(a) Unless the requirements in this part 23 are met, or one of the exceptions in this part 23 is applicable, it is unlawful for any person subject to the jurisdiction of the United States to commit, attempt to commit, solicit another to commit, or cause to be committed any of the acts described in paragraphs (b) through (d) of this section.

(b) Import. (1) It is unlawful to import into the United States any wildlife or plant listed in Appendix I, II or III (see §23.23) from any foreign country.

(2) It is unlawful to import directly into the United States any wildlife or plant listed in Appendix I or II (see §23.23) taken from the sea beyond the jurisdiction of any country.

(c) Export. It is unlawful to export from the United States any wildlife or plant listed in Appendix I, II or III (see §23.23).

(d) Re-export. It is unlawful to re-export from the United States any wildlife or plant listed in Appendix I, II or III (see §23.23).

(e) Possession. It is unlawful for any person subject to the jurisdiction of the United States to possess any wildlife or plant listed in Appendix I, II or III imported into the United States, or exported or re-exported from the United States contrary to the provisions of the Convention or this part 23.
§ 23.13 Exceptions.

(a) If any wildlife or plant listed in appendix I, II or III is also subject to the regulations in part 17 or part 18 of this subchapter, the prohibitions and exceptions in those parts and in part 23 shall apply. Exceptions in one part cannot be invoked to allow activities prohibited in another part.

(b) The prohibitions in §23.11 (b) through (d) concerning importation, exportation and re-exportation shall not apply to wildlife or plants listed in appendix I, II or III that are being transshipped through the United States provided such wildlife or plants remain in Customs custody.

(c) The prohibitions in §23.11 (b) through (d) concerning importation, exportation and re-exportation shall not apply to wildlife or plants when a certificate has been issued by the management authority of the country of origin or the country of re-export to the effect that the wildlife or plant was acquired prior to the date the Convention applied to it. See §23.15 for rules on the issuance of such certificates.

(d) The prohibitions in §23.11 (b) through (d) concerning importation, exportation and re-exportation shall not apply to wildlife or plants that are accompanying personal baggage or part of a shipment of the household effects of persons moving their residences to or from the United States: Provided, That this exception shall not apply to:

(1) Importation by U.S. residents of wildlife or plants listed in appendix I that were acquired outside the United States; or

(2) Importation by U.S. residents of wildlife or plants listed in appendix II that were taken from the wild in a foreign country, if that country requires export permits.

(e) Wildlife or plants listed in appendix I that have been bred in captivity or artificially propagated, for commercial activities, shall be treated as if listed in appendix II.

(f) The prohibitions in §23.11 (b) through (d) concerning importation, exportation and re-exportation shall not apply to wildlife or plants when a
§ 23.14 Foreign documentation.

(a) Party countries. Only export permits, re-export certificates, certificates of origin, or other certificates issued and signed by a management authority will be accepted as a valid foreign document from a country that is a party to the Convention.

(b) Countries that are not parties. The requirements in this part 23 apply to all wildlife and plants listed in appendix I, II or III to the Convention, whether the shipment is to or from a country that is party to the Convention, or to or from any other country. In the case of a shipment from a country not party to the Convention, documents containing information corresponding to that required by the regulations in this part 23 may be accepted. Such documents may be in the form of an export or import permit, a letter from the proper authority, or any other form that clearly indicates the nature of the document. Such documents must:

1. Be issued by an official of the country responsible for authorizing the export of such wildlife or plants;
2. Specify the species (or taxa to the rank listed in appendix I, II or III) and give the numbers of wildlife or plants covered by the document; and
3. Contain the following statement or its equivalent:

I, __________ (Signing official), hereby certify that the shipment of wildlife or plants covered by this document is in accordance with the laws of __________ (Country), will not be detrimental to the survival of the species in the wild, and, if living, will be transported in a manner which will minimize the risk of injury, damage to health, or cruel treatment.

§ 23.15 Permits and certificates.

(a) In order to import, export or re-export wildlife or plants listed in appendix I, II or III that are also listed as endangered or threatened and subject to regulations in part 17 of this subchapter, the requirements in both part 17 and part 23 must be met. A single application meeting the appropriate application requirements in part 17 will also meet the application requirements in part 23.

(b) In order to import wildlife listed in appendix I, II or III that are marine mammals subject to regulations in part 18 of this subchapter, the requirements in both part 18 and part 23 must be met. A single application meeting the application requirements in part 18 will also meet the application requirements in part 23.

(c) Application requirements for permits or certificates to import, export or reexport wildlife or plants listed in appendix I, II or III that are not subject to the regulations in part 17 or part 18 of this subchapter. Any person subject to the jurisdiction of the United States who wishes to get such a permit or certificate submits an application under this section to the Director, U.S. Fish and Wildlife Service, (Attention: Office of Management Authority), 4401 N. Fairfax Drive, Room 700, Arlington, VA 22203 by any person subject to the jurisdiction of the United States who wishes to get a permit for the activity. The Service provides Form 3-200 for the application to which as much of the following information relating to the purpose of the permit or certificate must be attached.

1. The scientific and common names of the species (or taxa to the rank listed in appendix I, II or III) sought to be covered by the permit, the number of wildlife or plants, and the activity...
§ 23.15  
 sought to be authorized (such as importing, exporting, re-exporting, etc.);  
(2) A statement as to whether the wildlife or plant, at the time of application, (i) is living in the wild, (ii) is living but is not in the wild, or (iii) is dead;  
(3) A description of the wildlife or plant, including (i) size, (ii) sex (if known), and (iii) type of goods, if it is a part or derivative;  
(4) In the case of living wildlife or plants, (i) a description of the type, size and construction of any container the wildlife or plant will be placed in during transportation; and (ii) the arrangements for watering and otherwise caring for the wildlife or plant during transportation;  
(5) The name and address of the person in a foreign country to whom the wildlife or plant is to be exported from the United States, or from whom the wildlife or plant is to be imported into the United States;  
(6) The country and place where the wildlife or plant was or is to be taken from the wild;  
(7) In the case of wildlife or plants listed in appendix I to be imported into the United States, (i) a statement of the purposes and details of the activities for which the wildlife or plant is to be imported; (ii) a brief resume of the technical expertise of the applicant or other persons who will care for the wildlife or plant; (iii) the name, address and a description, including diagrams or photographs, of the facility where the wildlife or plant will be maintained; and (iv) a description of all mortalities, in the two years preceding the date of this application, involving any wildlife species covered in the application (or any species of the same genus or family) held by the applicant, including the causes and steps taken to avoid such mortalities; and  
(8) Copies of documents, sworn affidavits or other evidence showing that either (i) the wildlife or plant was acquired prior to the date the Convention applied to it, or (ii) the wildlife or plant was bred in captivity or artificially propagated, or was part of or derived therefrom, or (iii) the wildlife or plant is an herbarium specimen, other preserved, dried or embedded museum specimen or live plant material to be imported, exported or re-exported as a non-commercial loan, donation or exchange between scientists or scientific institutions.
(d) Issuance criteria. Upon receiving an application completed in accordance with paragraph (a), (b) or (c) of this section, the Director will decide whether or not a permit or certificate should be issued. In making his decision, the Director shall consider in addition to the general criteria in §13.21(b) of this subchapter, the following factors:  
(1) Whether the proposed import, export or re-export would be detrimental to the survival of the species;  
(2) Whether the wildlife or plant was acquired lawfully;  
(3) Whether any living wildlife or plant to be exported or re-exported will be so prepared and shipped as to minimize the risk of injury, damage to health or cruel treatment;  
(4) Whether any living wildlife or plant to be imported directly into the United States from the sea beyond the jurisdiction of any country will be so handled as to minimize the risk of injury, damage to health or cruel treatment;  
(5) Whether an import permit has been granted by a foreign country, in the case of proposed export or re-export from the United States of any wildlife or plant listed in Appendix I;  
(6) Whether the proposed recipient of any living wildlife or plant listed in Appendix I to be imported into the United States is suitably equipped to house and care for such wildlife or plant;  
(7) Whether any wildlife or plant listed in appendix I to be imported into the United States is to be used for primarily commercial activities; and  
(8) Whether the evidence submitted is sufficient to justify an exception, in the case of (i) wildlife or plants that were acquired prior to the date the Convention applied to them; (ii) wildlife or plants that were bred in captivity or artificially propagated, or were part of or derived therefrom; or (iii) wildlife or plants that are herbarium specimens; other preserved, dried or embedded museum specimens, or live plant material to be imported, exported or re-exported as a non-commercial loan, donation or exchange.
between scientists or scientific institutions.

(9) Whether in the case of wildlife or plants listed in Appendix II, they are the subject of a large volume of trade and are not necessarily threatened with extinction.

(e) Permit or certificate conditions. In addition to the general criteria set forth in part 13 of this subchapter, permits or certificates issued under this section shall be subject to the following special conditions:

(1) Any permit must be presented to a Service agent at a designated port of entry upon importation into the United States or prior to exportation or re-exportation from the United States;

(2) Where appropriate and feasible, the Service may require that an identifying mark be affixed upon any wildlife or plant;

(3) In the case of wildlife or plants that are herbarium specimens, other preserved, dried or embedded museum specimens, or live plant material to be imported, exported or re-exported as a non-commercial loan, donation or exchange between scientists or scientific institutions, the names and addresses of the consignor and consignee must be on each package or container. The letters “CITES” (acronym for the Convention), a description such as “herbarium specimens,” and the code letters assigned by the Service to the scientist or scientific institution, must be entered on the Customs declaration form affixed to each package or container.

(f) Duration of permits or certificates. The duration of permits or certificates issued under this section shall be designated on the face of the permit or certificate, but in no case will export permits be valid for longer than six months.

(g) Information collection requirements. The Office of Management and Budget approved the information collection requirements contained in this part 23 under 44 U.S.C. 3507 and assigned OMB Control Number 1018-0093. The Service may not conduct or sponsor, and you are not required to respond to, a collection of information unless it displays a currently valid OMB control number. We are collecting this information to provide information necessary to evaluate permit applications. We will use this information to review permit applications and make decisions, according to criteria established in various Federal wildlife conservation statutes and regulations, on the issuance, suspension, revocation, or denial of permits. You must respond to obtain or retain a permit. We estimate the public reporting burden for these reporting requirements to vary from 20 minutes to 2 hours per response, with an average of 1 hour per response, including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding the burden estimate or any other aspect of these reporting requirements to the Service Information Collection Control Officer, MS-222 ARLSQ, U.S. Fish and Wildlife Service, Washington, DC 20240, or the Office of Management and Budget, Paperwork Reduction Project (1018-0093), Washington, DC 20603.


Subpart C—Appendices I, II and III to the Convention on International Trade in Endangered Species of Wild Fauna and Flora

§ 23.21 Criteria for listing species. [Reserved]

§ 23.22 Procedures for amending the appendices. [Reserved]

§ 23.23 Species listed in Appendices I, II, and III.

(a) The list in this section includes species of wildlife and plants placed in Appendix I, II or III in accordance with the provisions of Articles XV and XVI of the Convention. The list of species is organized as follows:

<table>
<thead>
<tr>
<th>Major group</th>
<th>Subgroups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammals</td>
<td>Orders, in taxonomic sequence.</td>
</tr>
<tr>
<td>Birds</td>
<td>Orders, in taxonomic sequence.</td>
</tr>
<tr>
<td>Reptiles</td>
<td>Orders, in taxonomic sequence.</td>
</tr>
<tr>
<td>Amphibians</td>
<td>Orders, in taxonomic sequence.</td>
</tr>
<tr>
<td>Fishes</td>
<td>Orders, in taxonomic sequence.</td>
</tr>
<tr>
<td>Molluscs</td>
<td>Classes.</td>
</tr>
<tr>
<td>Arthropods</td>
<td>Classes.</td>
</tr>
</tbody>
</table>
§ 23.23

Major group Subgroups

Plants Families, in alphabetical sequence.

Within each Subgroup, lower taxonomic units (mainly genera, but sometimes families or subfamilies) are listed in alphabetical sequence. Within genera, the scientific names of the species are listed in alphabetical sequence. The scientific name takes precedence over the common name in determining if a species is listed.

(b) The appendix column of the list includes the annotation “pe” (=possibly extinct) for certain species. It also contains the names of Parties including species in Appendix III.

(c) For purposes of issuing United States certificates of exemption under Article VII(3), the date when the Convention applies to a species is the date when the inclusion of that species in the appendices enters into force under the terms of Article XV or XVI of the Convention. The date of first listing is retained if a species is transferred from one appendix to another or if a listed species is subsequently included with other species in the listing of a taxon above the species level. Such species are shown separately in this publication of the appendices. The date of a subsequent listing is used only if a species is entirely deleted from the appendices and is subsequently reincluded after an intervening period of time.

(d) Unless specified otherwise, all living or dead animals and plants in Appendix I, II or III, and all their readily recognizable parts and derivatives, are subject to the regulations of this Part. Excluded are specified parts or derivatives of particular Appendix III animal species and Appendix II and Appendix III plant species as indicated in the listings of those taxa in subsection (f) below; furthermore, the following specified parts or derivatives of certain plants are categorically excluded or exempted:

(1) For Appendix II and Appendix III plants and artificially propagated hybrids of Appendix I plants: Seedling or tissue cultures obtained in vitro, in solid or liquid media, transported in sterile containers; and

(2) For Appendix II and Appendix III plants: Seeds, spores, and pollen (including pollinia); and

(3) For artificially propagated hybrids of Appendix I plants: (i) seeds and pollen (including pollinia) and (ii) cut flowers; and:

(4) For Panax quinquefolius (in Araliaceae), parts and derivatives other than roots and their readily recognizable parts.

(5) For artificially propagated or naturalized Appendix II Cactaceae species: (i) fruits and their parts and derivatives; (ii) for Opuntia subgenus Opuntia species, separate stem joints (pads) and their parts and derivatives.

(6) For Orchidaceae species: (i) in Appendix I, seedling or tissue cultures obtained in vitro, in solid or liquid media, transported in sterile containers; (ii) in Appendix II, if artificially propagated: (A) cut flowers, and (B) for Vanilla species, fruits and their parts and derivatives.

(e) The list of species set out in subsection (f) is informational and not regulatory in nature. It is solely intended as a convenience to the public. The official list of species included in Appendices I, II, and III is the one maintained by the CITES Secretariat based on the decisions of the Parties to the Convention.

(f) The list of species in the Appendices to the Convention on International Trade in Endangered Species of Wild Fauna and Flora is provided below:


<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zaglossus spp.</td>
<td>Spiny anteaters</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Sminthopsis longicaudata</td>
<td>Long-tailed marsupial-mouse, Long-tailed dunnart.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Dasyuromorphia:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>S. psammophila</td>
<td>Large desert marsupial-mouse, Sandhill dunnart.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Thylacinus cynocephalus</td>
<td>Tasmanian wolf, Thylacinus</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Peramelemorphia: Bandicoots:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chaeropus ecaudatus</td>
<td>Pig-footed bandicoot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Macrolophus lagotis</td>
<td>Rabbit bandicoot, Bilby</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>M. leucura</td>
<td>Lesser rabbit bandicoot, Yallah</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Perameles bougainvillei</td>
<td>Barred bandicoot, Long-nosed bandicoot, Mari.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Diprotodontia:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bettongia spp. (except species listed below)</td>
<td>Kagararos, Wombats, Wallabies, Cuscuses, Rat-kangaroos, etc.:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. lesueur</td>
<td>Rat-kangaroo</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>B. lumholtzii</td>
<td>Lumholtz's tree kangaroo</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>D. inustus</td>
<td>Vogelkop tree kangaroo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lagorchestes hirsutus</td>
<td>Western hare wallaby, Wurrup</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lagostrophus fasciatus</td>
<td>Banded hare wallaby, Munning</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lasiopithecus kreffti</td>
<td>Queensland hairy-nosed wombat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Orychopaga fraenata</td>
<td>Bridled nail-tailed wallaby</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Phalanger maculatus (see Spilogonus maculatus)</td>
<td>Crescent nail-tailed wallaby</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. orientalis</td>
<td>Gray cuscus</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Spilogonus maculatus</td>
<td>Tree shrews</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Order Scandentia</td>
<td>Tree shrews</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Tupaiidae spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Chiroptera:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acerodon spp. (all species except those in App. I)</td>
<td>Flying foxes</td>
<td>II</td>
<td>1/18/90</td>
</tr>
<tr>
<td>A. jubatus</td>
<td>Golden-capped fruit bat</td>
<td>I</td>
<td>1/18/90</td>
</tr>
<tr>
<td>A. lucifer</td>
<td>Flying foxes</td>
<td>II</td>
<td>1/18/90</td>
</tr>
<tr>
<td>Pteropus spp. (all species except those in App. I or with earlier date in App. II)</td>
<td>Truk flying fox</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. insularis</td>
<td>Big-eared flying fox</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. macrotis</td>
<td>Mariana flying fox, Mariana fruit bat</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. moelleri</td>
<td>Poorne flying fox</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. phaeocephalus</td>
<td>Mortlock flying fox</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. pilosus</td>
<td>Palau flying fox</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. samoensis</td>
<td>Samoa flying fox</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. tokius</td>
<td>Little Mariana fruit bat, Tokoda's flying fox</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. tonganus</td>
<td>Insular flying fox, Tonga fruit bat</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Vampyrops lineatus</td>
<td>White-lined bat</td>
<td>III (Uruguay)</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Primates (formerly including order Scandentia, above):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species except those in App. I or with earlier date in App. II.</td>
<td>Primates: Monkeys, Apes, etc.:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allilocus spp.</td>
<td></td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Allouatta palliata (=villorea)</td>
<td>Marcited howler monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. pigra</td>
<td>Black howler monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ateles geoffroyi frontatus</td>
<td>Black-handed spider monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. geoffroyi panamanensis</td>
<td>Black-handed spider monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Avahi spp.</td>
<td>Avahis, Woolly lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Brachyteles arachnoides</td>
<td>Woolly spider monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Caluromys musculatus</td>
<td>Uakaris</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Callicebus goeldii</td>
<td>Goeldi's monkey, Callicebus</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Callithrix jacchus (=C. jacchus aucta)</td>
<td>White-eared marmoset</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Callithrix flaviceps (=C. jacchus flaviceps)</td>
<td>Buff-headed marmoset</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cebus capucinus</td>
<td>White-throated capuchin</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cercocebus galenitus galenitus</td>
<td>Tana River mangabey, Agile mangabey.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cercothripsus diurnus (=C. roloway)</td>
<td>Diana monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Chironius susini</td>
<td>Dwarf lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Chironius albicans</td>
<td>White-nosed saki</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Collolobus (see Precolobus)</td>
<td>Aye-aye</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Daubentonia madagascariensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Eulemur spp.</td>
<td>Lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Gorilla gorilla</td>
<td>Gorilla</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Hapalemur spp.</td>
<td>Gentle lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Hylabates spp.</td>
<td>Gibbons, Siamang</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Indri spp.</td>
<td>Indri</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lagothrix flaviscutu</td>
<td>Yellow-tailed woolly monkey</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Lemur spp.</td>
<td>Lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lepilemur spp.</td>
<td>Golden lion tamarin</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Loris tardigradus</td>
<td>Slender loris</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Macaca silenus</td>
<td>Lion-tailed macaque</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>M. sylvanus</td>
<td>Barbary ape</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Mandrillus leucophaeus</td>
<td>Drill</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>M. sphinx</td>
<td>Mandrill</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Microcebus spp.</td>
<td>Mouse lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Nasalis (=Simia) concolor</td>
<td>Pag Island langur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Nycticebus coucang</td>
<td>Slow loris</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pan spp.</td>
<td>Chimpanzee, Bonobo</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Papio (see Mandrillus)</td>
<td>Fork mouse lemur, Forx-marked mouse lemur.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pongo pygmaeus</td>
<td>Orangutan</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Presbyis entellus (see Semnopithecus entellus)</td>
<td>Long-tailed langur, Mentawai leaf monkey.</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>P. pileata (see Trachypithecus pileatus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. potenziani</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Presbyis (other species) (see Trachypithecus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procobulus badius gordonorum</td>
<td>Ulhehe red colobus</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. pennanti kirk (=C. badius kirk)</td>
<td>Zanzibar red colobus</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. rufomitratus (=C. badius rufomitratus)</td>
<td>Tana River red colobus</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. venus</td>
<td>Olive colobus</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Propithecus spp.</td>
<td>Sifakas</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pygathrix (=Rhinopithecus) spp. (except those species with earlier date).</td>
<td>Snub-nosed langurs</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>P. nemaus</td>
<td>Douc langur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. raveliana</td>
<td>Sichuan snub-nosed langur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Saginus bicolor</td>
<td>Pied tamarin</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>S. geoffroyi</td>
<td>Geoffroy's marmoset</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>S. leucopus</td>
<td>White-footed tamarin, Silvery-brown bare-face tamarin.</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>S. oedipus (including S. oedipus geoffroyi)</td>
<td>Cotton-top tamarin</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Semnopithecus entellus</td>
<td>Red-backed squirrel monkey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Semnopithecus entellus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sympalangus (see Hylabates)</td>
<td>Gray langur, Common Indian langur.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Trachypithecus geei</td>
<td>Golden langur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. johni</td>
<td>Nilgiri langur</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. pileatus</td>
<td>Capped langur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tupaiidae spp. (see order Scandentia, above)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Varecia spp.</td>
<td>Lemurs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Xenarthra:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bradypus variegatus (=bouvierensis or gusseus)</td>
<td>Three-toed sloth</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cebus capucinus</td>
<td>Greater paca, Spotted cavy</td>
<td>III</td>
<td>10/28/76</td>
</tr>
<tr>
<td>Choloepus hoffmanni</td>
<td>Two-toed sloth</td>
<td>II</td>
<td>10/28/76</td>
</tr>
<tr>
<td>Myrmecophaga tridactyla</td>
<td>Giant anteater</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Priodontes maximus (=giganteus)</td>
<td>Giant armadillo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tamandua tetradactyla (=T. mexicana)</td>
<td>Tamandua, Collared anteater</td>
<td>III</td>
<td>4/23/81</td>
</tr>
<tr>
<td>Order Pholidota:</td>
<td>Pangolins, Scaly Anteaters:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manis spp.</td>
<td>Pangolins</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Lagomorpha:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caproloagus hispidus</td>
<td>Hispid hare, Assam rabbit</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Romerolagus diazi</td>
<td>Mexican volcano rabbit</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Rodentia:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agouti (=Cuniculus) pacu</td>
<td>Greater paca, Spotted cavy</td>
<td>III</td>
<td>4/13/87</td>
</tr>
<tr>
<td>Anomalurus beecrofti</td>
<td>Beechroft's scaly-tailed flying squirrel</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. derbianus</td>
<td>Lord Derby's scaly-tailed flying squirrel</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. peli</td>
<td>Pel's scaly-tailed flying squirrel</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Chinchilla spp. (populations of South America, except domesticated specimens).</td>
<td>Chinchilla</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Cynomys mexicanus</td>
<td>Mexican prairie dog</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Dasypus punctata</td>
<td>Common agouti</td>
<td>I (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>Epixenus ebi</td>
<td>African palm squirrel</td>
<td>II</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Hystrix cristata</td>
<td>Crested porcupine</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Hystrix macrotis</td>
<td>Long-eared pygmy flying squirrel</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lepus timidus</td>
<td>Australian stick-nest rat</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td>Marmota caudata</td>
<td>Long-tailed marmot</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>Marmota Himalayana</td>
<td>Shark Bay mouse</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Marmota sponsa</td>
<td>Giant squirrels</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Sphiggurus (=Coendou) mexicanus</td>
<td>Depe’s squirrel</td>
<td>III (Costa Rica)</td>
<td>10/28/76</td>
</tr>
<tr>
<td>S. (=Coendou) spinosus</td>
<td>Middle American prehensile-tailed porcupine, Coendou</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>Xenomys myriatus</td>
<td>False water rat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Zygopodomys mexicanus</td>
<td>Australian native mouse, McDonnell Range rock rat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

Order Carnivora:
- All species except those in App. I or with earlier date in App. II.

Balaenoptera acutorostrata (all populations except that of West Greenland; entry into force as App. I on 1/1/86).
- B. borealis | Sei whale | I | 2/4/77 |
- B. edeni | Bryde’s whale | I | 6/28/79 |
- B. musculus | Blue whale | I | 7/1/75 |
- B. physalus | Fin whale | I | 2/4/77 |

Caperea marginata (entry into force as App. I on 1/1/86).
- C. novaeangliae | Bowhead whale | I | 7/1/75 |
- C. irrorata | Minke whale | I | 6/28/79 |

Eschrichtius robustus (=glaucus).
- E. robustus | Gray whale | I | 7/1/75 |

Eubalaena (=Balaenoptera) spp.
- E. japonica | Bowhead whale | I | 7/1/75 |

Hyperoodon spp.
- H. ampullatus | Bottle-nosed whales | I | 6/28/79 |

Lipotes vexillifer | White flag dolphin, Chinese river dolphin. | I | 6/28/79 |

Megaptera novaeangliae | Humpback whale | I | 7/1/75 |

Monodon monoceros | Narwhal | II | 11/16/75 |

Neophocaena phocaenoides | Finless porpoise | I | 6/28/79 |

Phocoena sinus | Gulf of California harbor porpoise, Cochila. | I | 6/28/79 |

Physiodontia (=macrocephalus)
- P. catodon | Sperm whale | I | 2/4/77 |

Platanista spp.
- P. gangetica | Ganges and Indus River dolphins | I | 7/1/75 |

Portoportio (=Stenodelphis) blainvillei
- P. portoportio | La Plata River dolphin | I | 7/1/75 |

Sotalia spp.
- S. guianensis | Humpbacked dolphins | I | 6/28/79 |

H. acutus | Humpbacked dolphins | I | 6/28/79 |

Order Cetacea:
- All species except those in App. I or with earlier date in App. II.

Acinonyx jubatus | Cheetah | I | 7/1/75 |

Aliurus fulgens | Lesser panda | I | 3/14/84 |

Aonyx cinerea (=macrourus) (populations of Cameroon and Nigeria).
- A. cinerea | West African “clawless” otter | I | 7/1/75 |

Arctictis binturong | Binturong | III | 3/16/89 |

Bassariscus astutus | Bushy-tailed olingo | III (Costa Rica) | 10/28/76 |

Bassariscus sumichrasti | Cacomistle | III (Costa Rica) | 10/28/76 |

Canis aureus | Golden jackal | III | 3/16/89 |

C. lupus (all subspecies and populations except those listed below).
- C. lupus (India, Pakistan, Bhutan, and Nepal populations).
  - C. lupus | Gray wolf | I | 2/4/77 |

C. lupus crassodon | Gray wolf, Vancouver Island gray wolf. | I | 7/1/75 |

C. lupus inermis | Gray wolf, Rocky Mountain gray wolf. | I | 7/1/75 |

C. lupus monstabilis | Gray wolf | II | 7/1/75 |

C. lupus pallipes | Gray wolf, Middle East gray wolf. | II | 7/1/75 |

Caracal (=Felis) caracal (Asian population)
- C. caracal | Asian golden cat | I | 7/1/75 |

Cerdocyon thous | Crab-eating fox | II | 6/11/92 |

Chrysocyon brachyurus | Manned wolf | II | 7/1/75 |
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Civetixix</em> (=<em>Vivera</em>) <em>civetta</em></td>
<td>African civet</td>
<td>III (Botswana)</td>
<td>2/24/78</td>
</tr>
<tr>
<td><em>Conpepatus homboldtii</em></td>
<td>Humboldt’s hognose skunk</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td><em>Cryptoprocta ferox</em></td>
<td>Fossa</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Cyno alpium</em></td>
<td>Dhole</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Cynogale bennettii</em></td>
<td>Otter civet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Dusicyon thous</em> (=<em>Cerdocyon thous</em>))</td>
<td>Tiger</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Eira barbara</em></td>
<td>Leopard</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Enylyria lutis neroe</em></td>
<td>Southern sea otter</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Eupleres goudoti</em> (=<em>major</em>)</td>
<td>Malapasy mongoose</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Felidae spp.</em> (all species in family except Felis catus or those in App. I or with earlier date in App. II)</td>
<td>Cats (not including House cats)</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Felis</em> (see also the following genera, formerly included in Felis: Caracal, Catopuma, Herpailurus, Leopardus, Lynx, Oncifelis, Ocrealurus, Paradoxelus, Pardofelis, and Puma)</td>
<td>Black-footed cat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>F. nigripes</em></td>
<td>Fanaloka</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Galictis vittata</em> (=<em>allamanda</em>)</td>
<td>Grison</td>
<td>III (Costa Rica)</td>
<td>10/28/76</td>
</tr>
<tr>
<td><em>Helarctos malayanus</em></td>
<td>Sun bear</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Hemigalus derbyanus</em></td>
<td>Banded palm civet</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Herpailurus</em> (=<em>Felis</em> yaguarondii (North and Central American populations))</td>
<td>Jaguarundi</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>H. yaguarondii</em> (South American populations)</td>
<td>Jaguarundi</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Herpestes brachyurus fusca</em> (=<em>H. fusca</em>)</td>
<td>Indian brown mongoose</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>H. edwardii</em></td>
<td>Indian gray mongoose</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>H. javanicus aurupunctata</em> (=<em>H. aurupunctatus</em>)</td>
<td>Small Indian mongoose</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>H. smithi</em></td>
<td>Ruddy mongoose</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>H. urva</em></td>
<td>Crab-eating mongoose</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>H. vitiliculus</em></td>
<td>Stripe-necked mongoose</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>Hyena</em> (see <em>Parahyaena</em>)</td>
<td>Ocelot</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Leopardus</em> (=<em>Felis</em> pardalis (except subspecies with earlier date))</td>
<td>Ocelot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. pardalis mearnsi</em></td>
<td>Brazilian ocelot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. pardinus</em> (=<em>Felis pardinus</em> (except subspecies with earlier date))</td>
<td>Tiger cat, Little spotted cat</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>L. tigrinus</em> (=<em>Felis tigrina</em> (except subspecies with earlier date))</td>
<td>Tiger cat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. tigrinus onicia</em></td>
<td>Margay</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>L. wiedi</em> (=<em>Felis wiedii</em> (including M. gulo*))</td>
<td>Central American margay</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. wiedi nicauguai</em></td>
<td>Guatemalan margay</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. wiedi salvinia</em></td>
<td>Marine otter</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. longicaudis</em></td>
<td>Long-tailed otter, Neotropical otter</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. provocax</em></td>
<td>Southern river otter, South Ameri-</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>can river otter.</td>
<td>European river otter</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Lutra lutra</em></td>
<td>Otters</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Lutra</em> spp. (all species except those in App. I)</td>
<td>Spanish lynx, Iberian lynx</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Lynx pardinus</em> (=<em>Felis pardina</em>)</td>
<td>Mexican bobcat</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>M. flavivula</em> (including M. gulo)</td>
<td>Yellow-throated marten</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>M. minor intermedia</em></td>
<td>Beech marten</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>Metellacna capensis</em></td>
<td>Honey badger, Ratel</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Mellivora capensis</em></td>
<td>Honey badger, Ratel</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Melursus</em> (=<em>Ursus</em> ursinus)</td>
<td>Sloth bear</td>
<td>I</td>
<td>9/21/88</td>
</tr>
<tr>
<td><em>Mustela altaca</em></td>
<td>Mountain weasel</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>M. erminea arghanta</em></td>
<td>Ermine</td>
<td>I</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>M. kaltai</em></td>
<td>Yellow-bellied weasel</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>M. nigripes</em></td>
<td>Black-footed ferret</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>M. sibirica</em></td>
<td>Siberian weasel</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>Nasua narica</em> (=<em>nasua</em>)</td>
<td>Common coati, Coatiimundi</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td><em>N. narua solita</em></td>
<td>Coatiimundi</td>
<td>III (Uruguay)</td>
<td>7/14/76</td>
</tr>
<tr>
<td><em>Neofelis nebulosa</em></td>
<td>Clouded leopard</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Onca</em> (=<em>Felis geoffroyi</em>)</td>
<td>Geoffroy’s cat</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>*Oreailurus (=<em>Felis</em> jacchita)</td>
<td>Arden cat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Paguma larvata</em></td>
<td>Masked palm civet</td>
<td>III</td>
<td>3/16/89</td>
</tr>
<tr>
<td><em>Panthera leo persica</em></td>
<td>Asiatic lion, Indian lion</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. ursa</em></td>
<td>Jaguar</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. pardus</em></td>
<td>Leopard</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. tigris</em></td>
<td>Tiger</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. uncia</em> (see <em>Uncia uncial</em>)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Paradoxurus hermaphroditus</td>
<td>Common palm civet</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>P. jerdoni</td>
<td>Jerdon’s palm civet</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>Parahyaena brunnea</td>
<td>Brown hyaena</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pardofelis (=Felis) marmorata</td>
<td>Marbled cat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Potos flavus</td>
<td>Kinkajou</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>Pinnipedia (=Felis) bengalensis bengalensis</td>
<td>Leopard cat</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. bengalensis bengalensis (all other populations)</td>
<td>Flat-headed cat</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. planiceps</td>
<td>Rusty-spotted cat</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>P. rubiginosa (=Felis rubiginosa)</td>
<td>I</td>
<td>7/1/75</td>
<td></td>
</tr>
<tr>
<td>Pteronura brasiliensis</td>
<td>Giant otter</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. richardhi</td>
<td>Florida panther, Florida puma</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. semispilota</td>
<td>Costa Rican puma</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. timorensis</td>
<td>Eastern goral, Adirondack cougar</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Selenarctos thibetanus (see Ursus thibetanus)</td>
<td>Bush dog</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Speothos venaticus</td>
<td>Spectacled bear</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Tremarctos ornatus</td>
<td>Snow leopard</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos</td>
<td>Brown bear</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Ursus arctos (all European populations except Italian and former USSR populations).</td>
<td>American black bear</td>
<td>II</td>
<td>9/18/91</td>
</tr>
<tr>
<td>Ursus arctos (Italian population)</td>
<td>European Brown Bear</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Ursus arctos (all Asian populations, including populations of Iran, Iraq, Syria, and Turkey, except USSR populations and populations and subspecies listed in App. I).</td>
<td>Asian black bear</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos (U. a. nelsoni)(all Asian populations, including populations of Iran, Iraq, Syria, and Turkey, except USSR populations and populations and subspecies listed in App. I).</td>
<td>Bear</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos (U. a. nelsoni)</td>
<td>Tibetan blue bear</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos (all North American populations except Mexican population).</td>
<td>Brown bear, Grizzly</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos (U. a. nelsoni) (Mexican population)</td>
<td>Mexican grizzly bear</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ursus arctos isabellinus</td>
<td>Red bear</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>U. (=Thalarctos) maritimus</td>
<td>Polar bear</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>U. thibetanus (except subspecies listed below)</td>
<td>Asiatic black bear</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>U. thibetanus gedrosianus</td>
<td>Baluchistan black bear</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Viverra civettina (=megaspila)</td>
<td>Malabar large-spotted civet</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>V. zibetha</td>
<td>Large Indian civet</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>Viverricula indica</td>
<td>Lesser oriental civet, Small Indian civet</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>Viverra zibetha</td>
<td>Bengal fox</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>V. cana</td>
<td>Blanford’s fox</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>V. vulpes griffithi</td>
<td>Griffith’s red fox</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>V. vulpes montana</td>
<td>Montana red fox</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>V. vulpes pusilla (=leucopus)</td>
<td>Little red fox</td>
<td>III (India)</td>
<td>3/16/89</td>
</tr>
<tr>
<td>V. (=Fennecus) zeddi</td>
<td>Fennec fox</td>
<td>I</td>
<td>4/22/76</td>
</tr>
</tbody>
</table>

Order Pinnipedia:
- Arctocephalus spp. (except species listed below)
  - A. australis
  - A. galapagensis
  - A. philippi
  - A. townsendi
- Mirounga leonina
- Monachus spp.
- Odobenus rosmarus

Order Proboscidea:
- Elephas maximus
- Loxodonta africana

Order Sirenia:
- Dugong dugon (except for Australian population)
- Trichechus inunguis

551
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>T. manatus</td>
<td>West Indian manatee</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. senegalensis</td>
<td>West African manatee</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Perissodactyla:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceratotherium simum cottoni</td>
<td>Northern white rhinoceros</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. s. simum (population of South Africa) (no trade allowed, except for hunting trophies and for the sale of live animals to appropriate and acceptable destinations).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dicerorhinus (Dicerorhinus) sumatrensis</td>
<td>Sumatran rhinoceros</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Equus africanus (E. a. asinus)</td>
<td>African wild ass</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>E. grevyi</td>
<td>Grey's zebra</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>E. hemionus (except subspecies listed below)</td>
<td>Asian wild ass</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. hemionus hemionus</td>
<td>Asian wild ass</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. kiang (except subspecies listed below)</td>
<td>Kiang</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. kiang khr (see E. onager khr)</td>
<td>Onager</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. onager (except subspecies listed below)</td>
<td>Onager</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. orni</td>
<td>Onager</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. przewalskii</td>
<td>Przewalski's horse</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. zebra hartmannae</td>
<td>Hartmann's mountain zebra</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>E. zebra</td>
<td>Cape mountain zebra</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Rhinocerotidae spp. (all species and populations in the family except those in App. II or with earlier date in App. I)</td>
<td>Rhinoceroses</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Rhinoceros sondaicus</td>
<td>Javan rhinoceros</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>R. unicornis</td>
<td>Great Indian one-horned rhinoceros</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tapirus spp. (except for species listed below)</td>
<td>Tapirs</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Artiodactyla:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Addax nasomaculatus</td>
<td>Addax</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Ammotragus lervia</td>
<td>Barbary sheep, Aoudad</td>
<td>II</td>
<td>4/22/76</td>
</tr>
<tr>
<td>Antilope cervicapra</td>
<td>Mexican pronghorn</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Antilope cervicapra</td>
<td>Blackbuck antelope</td>
<td>III (Nepal)</td>
<td>11/16/75</td>
</tr>
<tr>
<td>A. porcinus annamiticus</td>
<td>Calamianes deer</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. porcinus kuhl</td>
<td>Kuhl's deer, Bawean hog deer</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Babyrussa babyrussa</td>
<td>Babirussa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Babirussa babyrussa</td>
<td>Babirussa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Babirussa babyrussa</td>
<td>Babirussa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Blastocerus dichotomus</td>
<td>Marsh deer</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Bubalus bison athabascae</td>
<td>Woods bison</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Bococerus (see Tragelaphus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bos frontalis (see B. gaurus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. gaurus</td>
<td>Seladang, Gaur</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>B. grunniens (see B. mutus)</td>
<td>Wild yak</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>B. (Novibos) sauxeli</td>
<td>Kouprey</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Bubalus amee (formerly listed as B. bubalis, a non-protected, domesticated form.)</td>
<td>Water buffalo</td>
<td>III (Nepal)</td>
<td>11/16/75</td>
</tr>
<tr>
<td>B. (Anoa) depressicornis</td>
<td>Lowland anoa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>B. (Anoa) minderensis</td>
<td>Tamaraw</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>B. (Anoa) quarteris</td>
<td>Mountain anoa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Budorcas taxicolor</td>
<td>Takin</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Capra falconeri</td>
<td>Markhor</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Caprocoons sumatraensis (see Naemorhedus sumatraensis)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catagonus wagneri</td>
<td>Chacoan peccary, Giant peccary</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Cephalophus dorsalis</td>
<td>Bay duiker</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>C. jentinki</td>
<td>Jenkin's duiker</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>C. monticola</td>
<td>Blue duiker</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. ogilbyi</td>
<td>Ogilby's duiker</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>C. sylviculter</td>
<td>Yellow-backed duiker</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>C. zebra</td>
<td>Zebra-banded duiker</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Cervus dama mesopotamicus (see Dama mesopotamica)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. duvaucelii</td>
<td>Swamp deer</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. elaphus bactrianus</td>
<td>Barbary deer</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. elaphus barbatus</td>
<td>Barbary deer</td>
<td>III (Tunisia)</td>
<td>4/22/76</td>
</tr>
<tr>
<td>C. elaphus hanglu</td>
<td>Kashmir stag</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. eldii</td>
<td>Eld's brow-antlered deer</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>------------------------------</td>
<td>----------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>C. porcinus (see Axis porcinus)</td>
<td></td>
<td></td>
<td>2/4/77</td>
</tr>
<tr>
<td>Choripopsis iberiensis (see Hexaprotodon iberiensis)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dama mesopotamica</td>
<td>Persian fallow deer</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Dama dama</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. pygargus dorcas</td>
<td>Sassaby antelope, Konigum</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Gazella coven (q. gazella coven)</td>
<td>Bontebok</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. dama</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. dorcas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. leucoryx</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hexaprotodon iberiensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hippocamelus spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hippopotamopus amphibius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hippopotamus amphibius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hyemoschus aquaticus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kobus leche</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lama guanicoe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mazama americana cerasina</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Megamuntiacus sumatranus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moschus spp. (except populations in App. I)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moschus spp. (populations of Afghanistan, Bhutan, India, Myanmar, Nepal, and Pakistan)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Muntiacus crinifrons</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naemorhedus bailey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. caudatus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. sumatraensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. gorai</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nemorhaedus (see Naemorhedus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odocoleus virginianus mayensanus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oryx leucoryx</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ovis ammon (except subspecies listed below)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. ammon hodgsoni</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. aries ophion (o. musimon ophion) (see O. orientalis ophion)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. canadenis (Mexican population)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. orientalis ophion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>O. vignei</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ozotoceros bezoarticus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parnothos hodgsoni</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pecari tajacu (except populations of the United States)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pseudoerg ngheliehensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pudu eugenioides</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. pygargus dorcas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. rupicapra pyrenaica (=ropicra) ornata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saiga tatarica</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sus salvanius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tayassu pecari</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T. tajacu (see Pecari tajacu)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tebraeus quadricornis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tragelaphus (= Taurotragus) eurycerus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vicugna vicugna (except populations listed below)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V. vicugna (populations of Paranicota Province, Ia. Region of Tarapaca in Chile and all populations of Peru) (export limited to cloth products, wool sheared from live animals, and the Peruvian stock of 3249 kg. extant in November, 1994).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLASS AVEs:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Struthioniformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Struthio camelus (populations of Algeria, Burkina Faso, Cameroon, Central African Republic, Chad, Mali, Mauritania, Morocco, Niger, Nigeria, Senegal, and Sudan).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Rheiformes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rheinaea (see Rheinaea)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rheinaea americana (all subspecies except those with earlier date in App. II).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R. americana ablescens</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIRDS:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Struthio camelus (populations of Algeria, Burkina Faso, Cameroon, Central African Republic, Chad, Mali, Mauritania, Morocco, Niger, Nigeria, Senegal, and Sudan).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greater rhea, Common rhea</td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Greater rhea, Common rhea</td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>R. pennata (except subspecies listed below)</td>
<td>Lesser rhea</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>R. pennata garzepi</td>
<td>Lesser rhea</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>R. pennata pennata</td>
<td>Darwin’s rhea</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Tinamiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tinamus solitarius</td>
<td>Solitary tinamou</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Sphenisciformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spheniscus demersus</td>
<td>Jackass penguin, Blackfooted</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>S. humboldti</td>
<td>Humboldt penguin</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Order Podicipediformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Podilymbus gigas</td>
<td>Grebes</td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Procellariiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fratercula arctica</td>
<td>White-winged duck</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Sula variegata</td>
<td>Red-breasted goose</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td></td>
<td>White-eyed pochard</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td></td>
<td>Garganey</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td></td>
<td>European wigeon</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td></td>
<td>Baikal teal</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td></td>
<td>Great white egret</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td></td>
<td>Oriental white stork</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Ciconiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ardea goliath</td>
<td>Herons, Storks, Ibises, Flamingos:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Balaeniceps rex</td>
<td>Goliath heron</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Bostrychia hagedash</td>
<td>Whale-headed stork</td>
<td>III (Ghana)</td>
<td>10/22/87</td>
</tr>
<tr>
<td>B. rana</td>
<td>Hadada ibis</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Bubulus (=Ardea) ibis</td>
<td>Spotted-breasted ibis</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Casmerodius (=Ardea) albus</td>
<td>Cattle egret</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Goenia boyaciensis</td>
<td>Great white egret</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>G. ciconia boyaciana (see C. boyaciana)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. nigra</td>
<td>Black stork</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Egretta garzetta</td>
<td>Little egret</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Epiphagia albinucha</td>
<td>Scarlet ibis</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Eudocimus ruber</td>
<td>Southern bald ibis</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Geronticus calvus</td>
<td>Northern bald ibis, Hemit ibis</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>G. eremita</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hagedashia hagedash (see Bostrychia hagedash)</td>
<td>Jabiru</td>
<td>I</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Jabiru mycteria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lampiniibis rara (see Bostrychia rara)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lapotopilos crumeniferus</td>
<td>Marabou stork</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Mycteria cinerea</td>
<td>Milky wood stork</td>
<td>III (Ghana)</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Nipponia nippon</td>
<td>Japanese crested ibis</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pheucopteridae spp. (except species or populations with an earlier date in App. II)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. chilensis</td>
<td>Andean flamingo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. jamaicensis</td>
<td>Chilean flamingo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. rubra</td>
<td>James flamingo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Platalea leucorodia</td>
<td>American flamingo</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Treskornis aethiopicus</td>
<td>White spoonbill</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td></td>
<td>Sacred ibis</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Order Anseriformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anas acuta</td>
<td>Egyptian goose</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. aucklandica (=Chloephaga, -nesiotis)</td>
<td>Northern pintail</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. bermeja</td>
<td>Brown teal</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. capensis</td>
<td>Madagascar teal</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. chlorotis (see A. aucklandica)</td>
<td>Cape wigeon</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. clypeata</td>
<td>Northern shoveler</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. crecca</td>
<td>Green-winged teal</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. falcata</td>
<td>Baikal teal</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>A. latirostris (=A. platyrhynchos layansenisis)</td>
<td>Laysan duck</td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. nesiotes (see A. aucklandica)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. ocellata (=A. platyrhynchos ocellata)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. penelope</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. querquedula</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aythya nyroca</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Branta canadensis leucopareia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. rubicollis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. (=Neochen) sandvicensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calidris marshalli (Muscovy duck)</td>
<td></td>
<td></td>
<td>4/13/87</td>
</tr>
<tr>
<td>C. scutulata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. clypeata (Black-necked swan)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cygnus melanocephalus (Cuban tree duck, West Indian</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Dendrocygna arborea (whistling-duck)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------</td>
<td>----------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>D. autumnalis</td>
<td>Black-headed laughing-duck</td>
<td>III</td>
<td>4/13/87</td>
</tr>
<tr>
<td>D. bicolor (=fulvus)</td>
<td>Fulvous whistling-duck</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>D. viduata</td>
<td>White-faced whistling-duck</td>
<td>II</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Nettapus auritus</td>
<td>African pygmy goose</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Oxyura leucocephala</td>
<td>White-headed duck</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Pteoropterus gambensis</td>
<td>Spur-winged goose</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Pteronetta hartlaubi</td>
<td>Hartlaub’s duck</td>
<td>III</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Rhodocnassa carphophilaesa</td>
<td>Pink-headed duck</td>
<td>I p</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Sarkidiomis melanotus</td>
<td>Comb duck</td>
<td>II</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

Order Falconiformes: Hawks, Falcons, Vultures, Eagles: All species except New World vultures.

- Hawks, Harriers, Northern goshawk, Harids, Harriers
- Sea-eagles, Fish-eagles, Harriers, Harriers
- European black vulture, Cinereous vulture.

- White-tailed eagle, Bald eagle, Harpy eagle, Harpy eagle
- New Guinea harpy eagle, Red kite, Red kite
- Secretary bird, Secretary bird
- Scaly-breasted partridge, Bare-throated partridge, Bare-throated partridge
- Great argus pheasant, Great argus pheasant
- Ferruginous wood-pigeon, Ferruginous wood-pigeon
- Blue-bellied curassow, Yellow-bellied curassow, Yellow-bellied curassow
- Wattled curassow, Wattled curassow.
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. rubra</td>
<td>Great curassow</td>
<td>III (Guatemala, Costa Rica, Honduras)</td>
<td>10/28/76</td>
</tr>
<tr>
<td>C. harmani (=C. crossopis harmani)</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. mantchuricum</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Gallus sonneni</td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lophophorus impejanus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. rufiicolis</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. scolopaceus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lophura edwardsi</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. erythroptila</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. ignita</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. imperialis</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. snigcolis</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Macrocephalus maleo</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Melanoperdix nigra</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. purpureus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. purpureus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. pipile pipile</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. pipile pipile</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. emphanum</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. germanica</td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. irpinius</td>
<td></td>
<td>III (Malaysia)</td>
<td>11/13/86</td>
</tr>
<tr>
<td>P. schlieiemachleri (=P. macausen schlieiemachleri)</td>
<td>Malayese peacock-sex pheasant</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Rheinardia ocellata (=R. nigrescens)</td>
<td></td>
<td>I</td>
<td>11/13/86</td>
</tr>
<tr>
<td>Rhinothera longirostris</td>
<td></td>
<td>III (Malaysia)</td>
<td>11/13/86</td>
</tr>
<tr>
<td>Ratulus rouloul</td>
<td></td>
<td>III (Malaysia)</td>
<td>11/13/86</td>
</tr>
<tr>
<td>Symaticus elliot</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>S. humiae</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>S. mikado</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tetrarogus cassius</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. tibetanus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tragopan blythi</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. caboti</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. kumai</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. melanopcephalus</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>T. satyra</td>
<td></td>
<td>III (Nepal)</td>
<td>11/16/75</td>
</tr>
<tr>
<td>Typanuchus cupido attwateri</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

Order Gruiformes: Cranes, Rails, Bustards:

- Anthropoides (see Grus)
- Ardeotis nigricollis
- Baleara regulorum
- Chlamydos undulata
- Chlamydos (see Grus)
- Eupodotis bengalensis
- Gallirallus australis hector
- G. sylvicola
- G. galeata
- G. sphenurus
- G. americana
- G. canadensis
- G. canadensis pratenisis
- G. canadensis pulla
- G. japonensis
- G. leucogeranus
- Whoping Crane
- Cuba sandhill crane
- Florida sandhill crane
- Mississippi sandhill crane
- Manchurian crane
- Siberian white crane

First listing dates are in (month/day/year) format.
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. monacha</td>
<td>Hooded crane</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. nigricollis</td>
<td>Black-necked crane</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. vipio</td>
<td>White-naped crane</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. vingo</td>
<td>Demoiselle crane</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Houbargowski</td>
<td>Bustards</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Oldaia spp.</td>
<td>Olidaeidae</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Otis tarda</td>
<td>Great bustard</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pedionomus torquatus</td>
<td>Collared hemipode, Plains wanderer.</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Rhyynchotus jacobinus</td>
<td>Kagu</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Trichoglossus sylvestris (see Gallirallus sylvestris)</td>
<td>T. tympanistria</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Turnix melanogaster</td>
<td>Black-breasted button-quail</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Order Charadriiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Burhinus bistratus</td>
<td>Shorebirds, Gulls, Terns, Skimmers, Auk</td>
<td>III (Guatemala)</td>
<td>4/23/81</td>
</tr>
<tr>
<td>Larus relicitus</td>
<td>Relict gull</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Numenius borealis</td>
<td>Eskimo curlew</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>N. tenuirostris</td>
<td>Slender-billed curlew</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tineda guttifer</td>
<td>Nordmann’s greenshank</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Columbiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caloenas nicobarica</td>
<td>Nicobar pigeon</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>C. indicoloredes</td>
<td>White-naped pigeon</td>
<td>II</td>
<td>2/26/76</td>
</tr>
<tr>
<td>C. uli</td>
<td>Pink pigeon</td>
<td>III (Guatemala)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>C. mayeri</td>
<td>Rock dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>G. imperialis</td>
<td>Mindoro imperial pigeon</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. nipalensis</td>
<td>Bleeding-heart pigeon</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>G. castriata</td>
<td>Crowded pigeons</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Accipitridae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. roseogrisea</td>
<td>African turkey dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Order Psittaciformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in order except those in App. I or with earlier date in App. II, and except Melognathus undulatus, Nymphicus hollandicus, and Pitta crenulata krameri. However, the latter is listed separately in App. III.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amazona arausaica</td>
<td>African collardove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. barbadensis</td>
<td>Red-eyed dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. brasilensis</td>
<td>Laughing dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. vinti</td>
<td>Blue-tailed dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. victoria</td>
<td>Black-billed wood dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. hypercotis</td>
<td>Blue-headed wood dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. versicolor</td>
<td>Tambourine dove</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>A. victoria</td>
<td>All Parrots, Parakeets, Macaws, and Lories. (not including the Budgerigar, Cockatiel, and Rose-ringed parakeet).</td>
<td>II</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Amazona arausaica</td>
<td>Red-necked parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. barbadensis</td>
<td>Yellow-shouldered parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. brasilensis</td>
<td>Red-tailed parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. vinti</td>
<td>White-naped parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. victoria</td>
<td>Cuban parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. hypercotis</td>
<td>Red-spectacled parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. versicolor</td>
<td>Red-browed parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. victoria</td>
<td>Tusman parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. vinti</td>
<td>St. Lucia parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. hypercotis</td>
<td>Puerto Rican parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. versicolor</td>
<td>Guaymas macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. hypercotis</td>
<td>Lear’s macaw, Indigo macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. vinti</td>
<td>Buffon’s macaw, Great green macaw.</td>
<td>I</td>
<td>10/28/76</td>
</tr>
</tbody>
</table>

557
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. glaucogularis</td>
<td>Carinide macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. macao</td>
<td>Scarlet macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. maracana</td>
<td>Roter's macaw</td>
<td>I</td>
<td>10/28/76</td>
</tr>
<tr>
<td>A. militans</td>
<td>Military macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>A. rubrogenys</td>
<td>Red-fronted macaw</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Aratinga guarouba</td>
<td>Golden parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cacatua goliathus</td>
<td>Moluccan cockatoo</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>C. haematopus</td>
<td>Red-vented cockatoo</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>C. moluccensis</td>
<td>Long-billed corella, Slender-billed cockatoo</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>C. (Kakatoe) tenuestris</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calyptorhynchus latami</td>
<td>Glossy black cockatoo</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Coracopsis nigra (Seychelles population)</td>
<td>Seychelles vasa parrot</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cyanoliseus patagonus</td>
<td>Burrowing parakeet</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Cyanospiza spinix</td>
<td>Spix's macaw</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cyanomalous auriceps forbesi</td>
<td>Forbes' parakeet, Yellow-fronted parakeet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. auriceps malherbi</td>
<td>Orange-fronted parakeet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. cookii</td>
<td>Norfolk parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. malherbi (see C. auriceps malherbi)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. novaezelandiae</td>
<td>New Zealand parakeet, Red-fronted parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>C. unicolor</td>
<td>Antipodes green parakeet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cyclopitta diophthalma coxeni</td>
<td>Coven's fig parrot</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Eos hisiro</td>
<td>Red and blue lory</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Euonymus coromus</td>
<td>Horned parakeet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Geopsittacus occidentalis (see Pezoporus occidentalis)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neophema chrysogaster</td>
<td>Orange-bellied parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>N. splendida</td>
<td>Scarlet-chested parakeet</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Northiella haematogaster narethae</td>
<td>Blue-bonnet parakeet</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Ognorhynchusicteritis</td>
<td>Yellow-eyed parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Opposites (see Cyclopitta)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pezoporus occidentalis</td>
<td>Night parrot, Australian night parrot</td>
<td>I pe</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. wallacei</td>
<td>Ground parrot</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Pseudopsittus pileata</td>
<td>Red-capped parrot, Pileated parrot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Psittaculus robustus</td>
<td>Cape parrot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Polytelis alexandrae</td>
<td>Princess parrot</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Probosciger aterrimus</td>
<td>Great black cockatoo, Palm cockatoo</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Prospelia personata</td>
<td>Masked shining parrot, Yellow-breasted musk parrot</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Psophothrys chrysomelogyi</td>
<td>Golden-shouldered parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. dissimilis</td>
<td>Hooded parrot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. pulcherinus</td>
<td>Paradise parakeet</td>
<td>I pe</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. haematogaster narethae (see Northiella)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petacoma echo, (=P. krameri echo)</td>
<td>Rose-winged parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. krameri</td>
<td>Ring-necked parakeet</td>
<td>III</td>
<td>2/28/76</td>
</tr>
<tr>
<td>Petacoma erithacus</td>
<td>Prince parrot</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pyrrhura cruentata</td>
<td>Blue-throated parakeet, Ochraceous parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Rhynchositta pachyrhyncha</td>
<td>Thick-billed parakeet</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>R. verrucosa</td>
<td>Maroon-fronted parrot</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Sturnops hambae</td>
<td>Kakapo, Owl parrot</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tanygnathus lucionensis</td>
<td>Blue-naped parakeet</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Order Cuculiformes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cuculus, Plantain-eaters, Turacos</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corythaegula cristata</td>
<td>Great blue turaco</td>
<td>III</td>
<td>2/4/77</td>
</tr>
<tr>
<td>C. pectoralis</td>
<td>Giant green turaco</td>
<td>III</td>
<td>2/4/77</td>
</tr>
<tr>
<td>M. violacea</td>
<td>Violet turaco</td>
<td>III</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Tauraco spp. (except those with earlier date in App. I or III)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T. erythroura</td>
<td>Knysna turaco</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>T. macrocephalus</td>
<td>Yellow-billed turaco</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Order Strigiformes: All species except those in App. I or earlier date in App. II.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Athene leuconia</td>
<td>Forest little owl, Forest spotted owl</td>
<td>I</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Bubo ascalaphus</td>
<td>Pharao eagle owl</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>B. bengalensis</td>
<td>Rock eagle owl</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td><em>B. bubo</em></td>
<td>Eurasian eagle owl</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Mimizuku gurneyi</em></td>
<td>Giant scops owl</td>
<td>I</td>
<td>1/18/90</td>
</tr>
<tr>
<td><em>Ninox novaseelandiae undulata</em></td>
<td>Great hawk-owl</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>N. squamipila natalis</em></td>
<td>Great hawk-owl, Moluccan hawk-owl</td>
<td>I</td>
<td>1/18/90</td>
</tr>
<tr>
<td><em>Nyctea scandiaca</em></td>
<td>Snowy owl</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Ocyx gurneyi</em> (see <em>Mimizuku gurneyi</em>)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>O. rupestris newtoni</em></td>
<td>Virgin Island screech owl</td>
<td>II</td>
<td>1/18/90</td>
</tr>
<tr>
<td><em>Strigidae</em> (all species native to Ghana)</td>
<td>Owls</td>
<td>I</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Tyto alba</em></td>
<td>Hume's wood owl</td>
<td>I</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>S. nebulosa</em></td>
<td>Great gray owl</td>
<td>II</td>
<td>11/16/75</td>
</tr>
<tr>
<td><em>Tyto soumagnii</em></td>
<td>Barn owls</td>
<td>II</td>
<td>2/26/76</td>
</tr>
<tr>
<td><strong>Order Apodiformes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Glaucom (see Ramphodon)</em></td>
<td>Hoo-killed hermit</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Ramphodon cedrorhynchus</em></td>
<td>Hook-billed hermit</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Trochilidae</em> spp.</td>
<td>Hummingbirds</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td><strong>Order Trogoniformes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pharomachrus punchus</em></td>
<td>Resplendent quetzal</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><strong>Order Coraciiformes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Aceros</em> spp. (all species except those in App. I or with earlier date in App. I I)</td>
<td>Hornbills</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>A. narcondami</td>
<td>Narcondam hornbill</td>
<td>I</td>
<td>1/18/90</td>
</tr>
<tr>
<td>A. nipalensis</td>
<td>Rufous-necked hornbill</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td>A. subrubicollis</td>
<td>Plain-pouched hornbill</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Anorrhinus (=Ptilolaemus) spp.</td>
<td>Hornbills</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Anhinga anhinga</em> (see <em>Oxya anhinga</em>)</td>
<td>Hornbills, Pied hornbills</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>B. picicornis</em></td>
<td>Giant hornbill</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td>B. hydroporina pyrrhococcyx</td>
<td>Luzon-Marinduque rufous hornbill</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>B. rhinoceros</em> (except subspecies with earlier date)</td>
<td>Rhinoceros hornbill</td>
<td>II</td>
<td>11/16/75</td>
</tr>
<tr>
<td>B. rhinoceros rinocerous</td>
<td>Malay rhinoceros hornbill</td>
<td>II</td>
<td>11/16/75</td>
</tr>
<tr>
<td>B. toco</td>
<td>Helmeted hornbill</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Penelopides</em> spp.</td>
<td>Hornbills</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td><strong>Order Piciformes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Baldinuus balloni</em></td>
<td>Saffron tucanet</td>
<td>III (Argentina)</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Campephilus imperialis</em></td>
<td>Imperial woodpecker</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Dyrcococcyx rufus</em></td>
<td>Tristan's white-bellied woodpecker</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pteroglossus aracari</em></td>
<td>Black-necked aracari</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>P. castanotis</em></td>
<td>Chestnut-eared aracari</td>
<td>III (Argentina)</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>P. viridis</em></td>
<td>Green aracari</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Ramphastos dicolorus</em></td>
<td>Red-breasted toucan</td>
<td>III (Argentina)</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>R. sulphuratus</em></td>
<td>Keel-billed toucan</td>
<td>II</td>
<td>4/23/81</td>
</tr>
<tr>
<td>R. toco</td>
<td>Toco toucan</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>R. lucayanus</em></td>
<td>Red-billed toucan</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>R. vitellinus</td>
<td>Channel-billed toucan</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Selenidera macroura</em></td>
<td>Spot-billed tucanet</td>
<td>III (Argentina)</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Semnornis ramphastinus</em></td>
<td>Toucan barber</td>
<td>III (Colombia)</td>
<td>5/26/89</td>
</tr>
<tr>
<td><strong>Order Passeriformes:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Agelaius (=Xanthopsar) flavus</em></td>
<td>Saffron-crowned blackbird</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Amadina fasciata</em></td>
<td>Cut-throat</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Amandava subrubida</em></td>
<td>Zebra waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Amblyospiza albifrons</em></td>
<td>Grosbeak weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Anappearis rubriceps</em></td>
<td>Red-headed malimbe</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Anomalospiza imberbis</em></td>
<td>Parasitic weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Anthelepolis alemani</em></td>
<td>Noisy scrub-bird</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Aphelospiza ruficapilla</em></td>
<td>Rodrigues Island warbler</td>
<td>III (Maurois)</td>
<td>12/26/75</td>
</tr>
<tr>
<td><em>Bubulcus ibis</em></td>
<td>Buffalo weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Carduelis (=Spinus) cucullata</em></td>
<td>Red siskin</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>C. (=Spinus) tahiti</em></td>
<td>Yellow-faced siskin</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Cephalopterus ornatus</em></td>
<td>Amazonian umbrella bird</td>
<td>III (Colombia)</td>
<td>9/21/88</td>
</tr>
<tr>
<td>C. penduliger</td>
<td>Long-wattled umbrella bird</td>
<td>III (Colombia)</td>
<td>9/21/88</td>
</tr>
<tr>
<td><em>Cotinga maculata</em></td>
<td>Banded cotinga</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Cyanus rubicola</em></td>
<td>Rueck's blue flycatcher, Niltava</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Dasyornis broadbenti litoralis</em></td>
<td>Western rufous bristlebird</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>D. longirostris (=D. brachypterus longirostris)</em></td>
<td>Western rufous bristlebird</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Estrella quiscalus</em></td>
<td>Common waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. caeruleusvenus</td>
<td>Lavender waxbill, Lavender fire-finch</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>E. meliopa</td>
<td>Orange-cheeked waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. troglodytes</td>
<td>Black-rumped waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. ardens</td>
<td>Yellow-crowned bishop</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. francoisianus</td>
<td>Red bishop, Orange bishop</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. hordaeus</td>
<td>Black-winged red bishop</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. macorius</td>
<td>Yellow-handled whistler</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>E. ox (see E. francoisianus)</td>
<td>Hill myna</td>
<td>III (Thailand)</td>
<td>6/11/76</td>
</tr>
<tr>
<td>Gubernatrix cristata</td>
<td>Yellow cardinal</td>
<td>II</td>
<td>7/1/76</td>
</tr>
<tr>
<td>Lagonosticta larvata (see L. vinacea)</td>
<td>Black-necked weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. rara</td>
<td>Black-bellied waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. rubicata</td>
<td>African waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. rubicuca</td>
<td>Bar-breasted waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. senegalina</td>
<td>Red-billed fire finch, Red-billed waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. vinacea</td>
<td>Vinaceous waxbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Leucopteryx rothschildi</td>
<td>Rothschild's starling, Myna</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lichenostomus melanops cassidix</td>
<td>Helmed honeyeater</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Lonchura bicolor</td>
<td>Black-and-white mannikin</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. cantans</td>
<td>White-throated mannikin, African silverbill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. cuculata</td>
<td>Bronze mannikin</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. fringilloides</td>
<td>Magpie mannikin, Pied mannikin</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>L. malabarica (see L. cantans)</td>
<td>Cassin's malimbe</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Malimbus cassini</td>
<td>Crested malimbe</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>M. masimbius</td>
<td>Gray's malimbe</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>M. niteris</td>
<td>Red-headed weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>M. rubricaps (see Anaplectes rubriceps)</td>
<td>Red-vented malimbe</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>M. rubricollis</td>
<td>Green-backed twin-spot</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>M. scutatus</td>
<td>Yellow-billed cardinal</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Meliphaga cassidix (see Lichenostomus melanops cassidix)</td>
<td>Yellow-billed cardinal</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Nesocharis capistrata</td>
<td>Common quail-finch</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Ngirita bicolor</td>
<td>Compact weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>N. canicapilla</td>
<td>Birds of paradise</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>N. fusconata</td>
<td>Jameson's spectacled</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>N. lutefrons</td>
<td>Flowerpecker weaver-finch</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>Nilava (=Musciacin) (see Cyornis)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orthopsophia atricollis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pachyphantes supercilius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paradisea spp. (all species in family)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parmepelia rubrinalis (=woodhousei)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paroaria capitata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. coronata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passer grisaeus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Petronia dentata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pholidornis rubrifrons</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Picathartes gymnocephalus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. oreas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pitta brachyura nympha (see P. nympha)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. guajana</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. gurneyi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. kochi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. nympha</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phoenicurus supercilius</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plococerus albinucha</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. aurantius</td>
<td>Orange weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. cucullatus</td>
<td>Black-headed weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. heuglini</td>
<td>Heuglin's masked weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. luteolus</td>
<td>Little weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. melanopcephalus</td>
<td>Yellow-backed weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. nigripennis</td>
<td>Yellow-backed weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td>P. nebulosus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. preussi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. supercilius (see Pachyphantes supercilius)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. tricolor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow-mantled weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td><em>P. vitelina</em> (= <em>P. velatus</em>)</td>
<td>Vitelline masked weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>P. chincata</em></td>
<td>Black-throated finch, Parson finch</td>
<td>II</td>
<td>10/17/80</td>
</tr>
<tr>
<td><em>Pseudochelidon sintrarae</em></td>
<td>White-eyed river martin</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pyrenestes ostrinus</em></td>
<td>Black-bellied seedeater</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>P. hypogrammica</em></td>
<td>Yellow-winged pygilla</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>P. phaeocephala</em></td>
<td>Red-winged pygilla</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Querta erythrops</em></td>
<td>Red-headed peacock</td>
<td>II</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Rupicola spp.</em></td>
<td>Cocks-of-the-rock</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Stenurus canicapillus</em> (= <em>gaulard</em>)</td>
<td>West African seedeater</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>S. leucogaster</em></td>
<td>White-rumped seedeater</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>S. mozambique</em></td>
<td>Yellow-fronted canary</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Spermophaga haematina</em></td>
<td>Blue-bill</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>Sporeptides frontalis</em></td>
<td>Speckled-fronted weaver</td>
<td>III (Ghana)</td>
<td>2/26/76</td>
</tr>
<tr>
<td><em>T. kleinmanni</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>T. coriacea</em></td>
<td>Leatherback sea turtle</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Dermochelys mawii</em></td>
<td>Wood turtle</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Dermochelys radiata</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>G. nigra</em> (= <em>elephantopus</em>)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>G. paradisaea</em> (= <em>chalybeata</em>)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>G. velatus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>H. punctata</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>I. erythrocephala</em> (= <em>Gerronemus</em>)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>L. punctata</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>M. radiata</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>M. tecta</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>P. castaneus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>P. gabonensis</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>P. niger</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>P. pulcherrimus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>P. senegalensis</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>T. tachila</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Testudinidae spp.</em> (all species except those in App. I or with earlier date in App. II)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Testudo</em> spp. (all species except those in App. I)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>T. kleinmanni</em></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CLASS REPTILIA:**

**Order Testudinata:**

- Turtles, Tortoises:
  - *Batagur baska* = River terrapin, Tuntong | I | 7/1/75 |
  - *Chelonia* spp. (all species in family) = Sea turtles | I | 7/1/75 |
  - *Chersis* (= *Testudo*) spp. = Bow-sprit tortoises | II | 7/1/75 |
  - *Clemmys insculpta* = Wood turtle | II | 6/11/92 |
  - *C. muhlenbergi* = Bog turtle | I | 7/1/75 |
  - *Dermatemys mawii* = Central American river turtle | II | 6/6/81 |
  - *Dermochelys concaea* = Leatherback sea turtle | I | 7/1/75 |
  - *Erymnochelys madagascariensis* | | | |
  - *Geochelone* spp. (except species listed below) | | | |
  - *G. (= *Testudo*) nigra (= *elephantopus*) | | | |
  - *G. (= *Testudo*) radiata | | | |
  - *G. (= *Testudo*) ypsipara | | | |
  - *Geochelone (= *Dermochelys*) hamiltoni | | | |
  - *Gopherus* spp. (except species listed below) | | | |
  - *G. flavomarginatus* | | | |
  - *Homopus* spp. | | | |
  - *Kachuga lecta* | | | |
  - *Klineis spp.* | | | |
  - *Lissemys punctata* (all subspecies except punctata) | | | |
  - *L. p. punctata* = Indian flap-shell tortoise | II | 2/16/95 |
  - *Malacochersus* spp. = Indian flap-shell tortoise | II | 7/1/75 |
  - *Melanochelys (= *Geoclemys*) incarina* = Three-keeled Asian turtle | I | 7/1/75 |
  - *M. ornata* = Burmese peacock turtle | III (Ghana) | 7/1/75 |
  - *Pelomedusa subrufa* = Helmeted terrapin | III (Ghana) | 2/26/76 |
  - *Pelochelus dumeriliana* = Big-headed Amazon River turtle | II | 7/1/75 |
  - *Pelusios adansonii* = Atanson’s hinged terrapin | III (Ghana) | 2/26/76 |
  - *P. castaneus* = Brown hinged terrapin, Swamp hinged terrapin | III (Ghana) | 2/26/76 |
  - *P. gabonensis* = Gabon hinged terrapin | III (Ghana) | 2/26/76 |
  - *P. niger* = Black hinged terrapin | III (Ghana) | 2/26/76 |
  - *Pseudemys* spp. = South American turtles | II | 7/1/75 |
  - *Psammobates (= *Testudo*) geometricus* = Geometric turtle | I | 2/4/77 |
  - *Psammodura umbrina* = Short-necked swamp turtle | II | 7/1/75 |
  - *Pyxis* spp. | | | |
  - *Terrapene* spp. (all species except those in App. I) | | | |
  - *T. tachila* | | | |
  - *Testudinidae* spp. (all species except those in App. I or with earlier date in App. II) | | | |
  - *Testudo* spp. (all species except those in App. I) | | | |
  - *T. kleinmanni* = Egyptian tortoise | II | 2/4/77 |
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trionyx ater</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>T. gangeticus</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>T. hufum</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>T. nigricans</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
<tr>
<td>T. triunguis</td>
<td>...</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

Order Crocodylia:

- Trionyx ater
- Crocodile spp.
- Alligatoridae spp.

Order Sauria:

- Lizards:
  - Amblyrhyncus cristatus
  - Brachychelys longicollis
  - Chamaeleo spp.
  - Chamæleonidae spp.
  - Cordylus spp.
  - C. caudifer
  - C. subcristatus

- Chameleons:
  - ... | ... | ... | ... |

- Land lizards:
  - ... | ... | ... | ... |

- Three-clawed turtle:
  - ... | ... | ... | ... |

-淡水鳄（Luterochelys Niloticus）
- 澳洲淡水鳄（Crocodylus johnsoni）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus niloticus）
- 更多肉鳄（Crocodylus moreletii）
- 尼罗鳄（Crocodylus ni...
### Order Serpentes:

#### Family: Colubridae

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conura zebrensis</td>
<td>Prehensile-tailed skink</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Crocodilurus laceratus</td>
<td>Dragon lizard</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Cylura spp.</td>
<td>Ground iguanas</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Cytodactylus serpensinsula</td>
<td>Serpent Island gecko</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Dactyloa sp.</td>
<td>Caiman lizards</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Galoia simonyi</td>
<td>Hierro giant lizard</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Heloderma spp.</td>
<td>Beaded lizards, Gila monster</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Iguana spp.</td>
<td>Iguanas</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Pseudotanza spp.</td>
<td>Day geckos</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Pseudoxema molotonum</td>
<td>Coastal horned lizards</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Pseudoxema molotonum (except subspecies with earlier date in App. II)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P. coronatum blairielli</td>
<td>San Diego horned lizard</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Podarcis illori</td>
<td>Lifnite's wall lizard</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. pityusensis</td>
<td>Ibiza wall lizard</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. alsata serpensinsula</td>
<td>Crag lizards</td>
<td>II</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Sauronolus varius</td>
<td>San Esteban Island chuckwall lizard</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Shiraius croccidulus</td>
<td>Chinese crocodile lizard</td>
<td>II</td>
<td>11/18/90</td>
</tr>
<tr>
<td>Tupinambis spp.</td>
<td>Togo lizards</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Urolophus spp.</td>
<td>Spiny-tailed lizards</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Varanus spp. (all species except those in App. I)</td>
<td>Monitor lizards</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>V. bengalensis</td>
<td>Indian monitor, Bengal monitor</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>V. flavescens</td>
<td>Yellow monitor</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>V. prisa</td>
<td>Desert monitor</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>V. komodeana</td>
<td>Komodo Island monitor, Komodo dragon</td>
<td>I</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

##### Subfamily: Boas

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boa (Constrictor)</td>
<td>Boa</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Boa constrictor occidentalis</td>
<td>Argentine boa constrictor</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Boa constrictor occidentalis</td>
<td>Boa constrictors, Pythons</td>
<td>II</td>
<td>2/4/77</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bolyenia multocarinata</td>
<td>Round Island boa</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Bothrops asper</td>
<td>Terciopelo</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>B. nasutus</td>
<td>Rainforest hognosed pit-viper</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>B. numilfer</td>
<td>Jumping pit-viper</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>B. ophynomes</td>
<td>Stinger hognosed pit-viper</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>B. schlegeli</td>
<td>Eyelash palm pit-viper</td>
<td>III (Honduras)</td>
<td>4/13/87</td>
</tr>
<tr>
<td>Casarea diuromii</td>
<td>Round Island boa</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Cerberus rhynchos</td>
<td>Dog-faced water snake</td>
<td>II</td>
<td>2/11/84</td>
</tr>
<tr>
<td>Cieaela (Pseudoboa) cieaela</td>
<td>Musurana snake</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cotrolus denticus</td>
<td>South American false water cobra</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cycloluras (Hydrosyphonastes) giga</td>
<td>Indian egg-eating snake</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Elachistodon westermanni</td>
<td>Rainbow boa</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Epipactis cincta cincta</td>
<td>Puerto Rican boa</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>E. inornatus</td>
<td>Mora boa</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>E. monensis</td>
<td>Jamaican boa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. subflavus</td>
<td>Yellow anaconda</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Eunectes notaeus</td>
<td>Broad-headed snake</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Haplocephalus bungaroides</td>
<td>Indian cobra</td>
<td>II</td>
<td>2/12/84</td>
</tr>
<tr>
<td>Micrurus diastema</td>
<td>King cobra</td>
<td>II</td>
<td>2/12/84</td>
</tr>
<tr>
<td>M. nioconicus</td>
<td>Oriental rat snake, Whipsnake</td>
<td>II</td>
<td>2/12/84</td>
</tr>
<tr>
<td>Naja naja</td>
<td>Pythons</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. mossus</td>
<td>Indian python</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Sanazina madagascariensis</td>
<td>Tree boa</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Viperana russelli</td>
<td>Russell's viper</td>
<td>I</td>
<td>2/12/84</td>
</tr>
<tr>
<td>V. ursini (except USSR populations)</td>
<td>Orsin's vipers</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>V. wagneri</td>
<td>Wagner's vipers</td>
<td>II</td>
<td>6/11/92</td>
</tr>
</tbody>
</table>

CLASS AMPHIBIANS:

#### Order Caudata:

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphibia dumerii</td>
<td>Lake Patzcuaro salamander</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. mexicanum</td>
<td>Axolotl</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Anaxius spp.</td>
<td>Giant salamanders</td>
<td>I</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

##### Order Anura:

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atelopus varius zetekti</td>
<td>Panamanian golden frog</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Bulbogigantes</td>
<td>Monte Verde golden toad</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>B. reticulatus</td>
<td>Sonoran green toad</td>
<td>II</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

563
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. superciliaris</td>
<td>Poison dart frogs, Poison arrow frogs</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Dendrobates spp.</td>
<td>Cameroon toad</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>D. antongilii</td>
<td>Tomato frog</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Epipedobates spp. (see Dendrobates spp.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mantella aurantica</td>
<td>Malagasy golden mantella</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Minyobates spp. (see Dendrobates spp.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Necrophlyctoides spp.</td>
<td>African viviparous toads</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Phyllodratoidea spp.</td>
<td>Poison arrow frogs</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Rana hexadactyla</td>
<td>Asian bullfrog</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>R. igerina</td>
<td>Indian bullfrog</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Rhedobatrachus spp.</td>
<td>Platypius frog</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>CLASS OSTEICHTHYES:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Ceratodontiformes (=Ceratodontiformes):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neoceratodus forsteri</td>
<td>Australian lungfish</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Coelacanthiformes:</td>
<td>Coelacanth, Gombessa</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Latimeria chalumnae</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Acipenseriformes:</td>
<td>Sturgeons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acipenser brevirostrum</td>
<td>Short-nosed sturgeon</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. oxyrhynchos</td>
<td>Baltic sturgeon</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>A. sturio</td>
<td>Paddlefish</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Polyodon spathula</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Osteoglossiformes:</td>
<td>Bonytongues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arapaima gigas</td>
<td>Arapaima</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Scleropages formosus</td>
<td>Asian bonytongue</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Cypriniformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caecobarbus geersi</td>
<td>African blind barb, Congo blind barb.</td>
<td>II</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Chasmistes cujus</td>
<td>Gui-ui</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Probarbus jullieni</td>
<td>Ikan temolek, Pla eesok</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Siluriformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pangasianodon gigas</td>
<td>Catfishes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arapaima gigas</td>
<td>Thai giant catfish</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Order Perciformes:</td>
<td>Perch-like fishes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cynoscion macdonaldi</td>
<td>Totoaba</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>CLASS ARTHROPODA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insects:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bhutanitis spp.</td>
<td>Bhutan glory swallowtails</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Ormothoptera spp. (all species except those in App. I or with earlier date in App. II)</td>
<td>Birdwing butterflies</td>
<td>II</td>
<td>2/16/79</td>
</tr>
<tr>
<td>O. alexandrae</td>
<td>Queen Alexandra’s birdwing butterfly</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. allieti</td>
<td>Birdwing butterfly</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. chimaera</td>
<td>Birdwing butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. goliath</td>
<td>Birdwing butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. mendionalis</td>
<td>Birdwing butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. paradisea</td>
<td>Paradise birdwing butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>O. victorina</td>
<td>Queen Victoria’s birdwing butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Papilio chikae</td>
<td>Luxon peacock swallowtail</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. homerus</td>
<td>Homerus swallowtail</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>P. hospiton</td>
<td>Corsican swallowtail</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Parnassius apollo</td>
<td>Mountain Apollo butterfly</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>P. euphoria</td>
<td>Mountain Apollo butterfly</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Tenodera aridifoliae</td>
<td>Kaiser-I-Hind butterflies</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>Tragopanoptera spp.</td>
<td>Birdwing butterflies</td>
<td>II</td>
<td>2/16/79</td>
</tr>
<tr>
<td>Tricho spp.</td>
<td>Birdwing butterflies</td>
<td>II</td>
<td>2/16/79</td>
</tr>
<tr>
<td>CLASS ARACHNIDA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brachypelma (=Euathlus) spp. (except species with earlier date in App. II)</td>
<td>Red-kneed tarantulas</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>B. smithi</td>
<td>Red-kneed tarantula</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Pandinus dictor</td>
<td>Emperor scorpion</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>P. gambinensis</td>
<td>Emperor scorpion</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>P. imperator</td>
<td>Emperor scorpion</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>PHYLUM ANNELEIDA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLASS Hirudinea:</td>
<td>Leeches</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Arthrodelleidiformes:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hirudo medicinalis</td>
<td>Medicinal leech</td>
<td>II</td>
<td>10/22/87</td>
</tr>
<tr>
<td>CLASS MALACODONTA:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clams, Mussels:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conchillia caudata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gyroergina aberti</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drimus dronus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td><em>Epiblasma (=Dysnoria) curtisi (=E. florentina curtisi)</em></td>
<td>Curtis’ pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. florentina (=E. florentina florentina)</em></td>
<td>Yellow-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. spongii</em></td>
<td>Sampson’s pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. sulcata peroblquia</em></td>
<td>White cat’s paw mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. turutis gubernaculum</em></td>
<td>Green-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. turutis rangiana</em></td>
<td>Tan-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. turutis turutis</em></td>
<td>Tubercled-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. turgida</em></td>
<td>Turgid-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. walleri</em></td>
<td>Brown-blossom pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Fusconaia cuneolus</em></td>
<td>Fine-rayed pigtioe mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>F. edgariana</em></td>
<td>Shiny pigtioe mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>F. subretunda</em></td>
<td>Long solid mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Hipposus</em> spp. (see Tridacnidae spp.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Lampsilis brevila</em></td>
<td>Ozark lamp pearly mussel</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. nigros</em></td>
<td>Higgin’s eye mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. orbiculata orbiculata</em></td>
<td>Pink mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. sator</em></td>
<td>Plain pocketbook mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>L. virrostina</em></td>
<td>Alabama lamp pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Lexingtonia dolabelloides</em></td>
<td>Slab-side pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Plethobasus cicatricosus</em></td>
<td>White warbyback mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. cooperanus</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pleurobema clava</em></td>
<td>Club pearly mussel</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. plenum</em></td>
<td>Rough pigtioe mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pometius (=Prepera) capax</em></td>
<td>Fat pocketbook mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Quadrula intermedia</em></td>
<td>Cumberland monkey-face mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Q. sparsa</em></td>
<td>Appalachian monkey-face mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Toxolasma (=Carunculina) cylindrea</em></td>
<td>Pale lillput pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Tridacna danae</em></td>
<td>Giant clam</td>
<td>II</td>
<td>5/29/83</td>
</tr>
<tr>
<td><em>T. gigas</em></td>
<td>Giant clam</td>
<td>II</td>
<td>5/29/83</td>
</tr>
<tr>
<td><em>Tridacnidae</em> spp. (includes all species in genera Hippopus and Tridacna except those with earlier date in App. II)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>U. (=Lampsilis or Cyrtonautias) tampanensis</em></td>
<td>Cumberland bean mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Villosa (=Micromya) trabalis</em></td>
<td>Tampico pearly mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>CLASS Gastropoda:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Achatinella spp.</em></td>
<td>Snails:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Papypsyta (=Papuina) pulcherminia</em></td>
<td>Dough tree snail</td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td><em>Paryphanta</em> spp. (New Zealand species only)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>O. sparsa</em></td>
<td>New Zealand amber snails</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Potamantis (=Prepera) capax</em></td>
<td>Queen conch</td>
<td>I</td>
<td>6/11/92</td>
</tr>
<tr>
<td><em>Pleuronassa</em> spp. (New Zealand species only)</td>
<td>New Zealand amber snails</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Tridacna</em> spp. (see Tridacnidae spp.)</td>
<td>Cumberland monkey-face mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Tubiporidae</em> spp. (all species in family except genus with earlier date)</td>
<td>Appalachian monkey-face mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Tubipora</em> spp.</td>
<td>Appalachian monkey-face mussel</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>CLASS Antipatharia:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Ctenotheleida:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order (except those in genus with earlier date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Heliopora</em> spp.</td>
<td>Blue corals</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>CLASS Anthozoa:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order (except those in genus with earlier date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Stolonifera:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tubiporidae <em>spp.</em> (all species in family except genus with earlier date)</td>
<td>Organ-pipe corals</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td><em>Tubipora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLASS Alcyonacea:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Heliozoa:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order (except those in genus with earlier date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Xeniida:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species in the Order (except those in genus with earlier date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Acropora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>A. elegans</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>H. corals</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pocillopora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pocillopora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Porites</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Porites</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pseudodictyota</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Pseudodictyota</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Seriatopora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Stylophora</em> spp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td><strong>CLASS Hydrozoa:</strong></td>
<td>Sea ferns, Fire corals, Stinging medusae:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Order Milleporina (=Athecata):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Milleporellidae spp. (all species in family except genus with earlier date):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Millepora spp.:</td>
<td>Fire corals</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Order Stylasterina:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stylasteridae spp. (all species in family):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PLANT KINGDOM:</strong></td>
<td>PLANTS:</td>
<td>&lt; 1890</td>
<td></td>
</tr>
<tr>
<td><strong>Family Agavaceae:</strong></td>
<td>Agave family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agave arizonica:</td>
<td>New River agave</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>A. parviflora:</td>
<td>Santa Cruz striped agave</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>A. victoriae-reginae:</td>
<td>Queen Victoria agave</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Neolina interna:</td>
<td>Dehesa bear-grass</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td><strong>Family Amaryllidaceae:</strong></td>
<td>Amaryllis family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Galanthus spp. (and their natural hybrids):</td>
<td>Snowdrops</td>
<td>I</td>
<td>1/18/90</td>
</tr>
<tr>
<td>E. sneedii:</td>
<td>Sneed pincushion cactus</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><strong>Family Byblidaceae:</strong></td>
<td>Byblis family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Byblis spp.:</td>
<td>Byblis, Rainbow plants</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td><strong>Family Cactaceae:</strong></td>
<td>Cactus family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species except those in App. I:</td>
<td>Cacti</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Arroacarpus spp. (includes Neogomesia sp. and Rosacactus spp.):</td>
<td>Living-rock cacti</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Astrophytum:</td>
<td>Sea-urchin cactus</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Astrophytum victoriae-reginae:</td>
<td>Star cactus</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><strong>Family Byblidaceae:</strong></td>
<td>Byblis family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Podophyllum hexandrum:</td>
<td>Himalayan may-apple</td>
<td>II</td>
<td>1/18/90</td>
</tr>
<tr>
<td><strong>Family Bromeliaceae:</strong></td>
<td>Pineapple family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tillandsia hamata:</td>
<td>Harris tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. kammii:</td>
<td>Kamm tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. kautskyi:</td>
<td>Kautsky tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. mauryana:</td>
<td>Maury tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. sprengeliana:</td>
<td>Sprenge tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. sucrei:</td>
<td>Sucre tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>T. xerographica:</td>
<td>Xerographic tillandsia</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Family Byblidaceae:</td>
<td>Byblis family:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Byblis spp.:</td>
<td>Byblis</td>
<td>II</td>
<td>6/28/79</td>
</tr>
</tbody>
</table>

566
### Family Euphorbiaceae: Spurge family:

- **E. ambovombensis**
- **E. subgenus Kalmia cuneata**
- **Dionaea muscipula**

#### Family Ericaceae: Heath family:

- **Dioscorea deltoidea**
- **Tryon's pitcher plant**
- **All species in the family**

#### Family Droseraceae: Sundew family:

- **Cephalotus follicularis**
- **Dudleya stolonifera**

#### Family Crassulaceae: Stonecrop family:

- **All species in the family except those with earlier date.**
- **Swart's cactus**
- **S. traskiae**

#### Family Compositae (=Asteraceae): Aster family:

- **Pelecyphora**
- **P. winkleri**
- **P. paradidi**

#### Family Caryocaraceae: Souari family:

- **E. ambovombensis**
- **E. subgenus Kalmia cuneata**
- **Dionaea muscipula**
- **Dioscorea deltoidea**
- **All species in the family**
- **Pelecyphora**
- **P. winkleri**

<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>M. glaucescens</em></td>
<td>Wooly waxy-stemmed Turk’s-cap cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>M. paucipinnus</em></td>
<td>Few-spined Turk’s-cap cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Obregonia denegri</em></td>
<td>Artichoke cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pachycoreus (=Bactebergia) militaris</em></td>
<td>Teddy-bear cactus, Military cap.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pediocactus (=Toumeya) bradyi</em></td>
<td>Brady’s pincushion cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. diaphanum</em></td>
<td>San Rafael cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. (=Toumeya) papyracanthus</em> (see Sclerocactus papyracanthus).</td>
<td>Knowlton’s cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. parvidius</em></td>
<td>Houserock Valley cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>*P. peeblesianus (=Toumeya lichenezi, =T. peeblesiana).</td>
<td>Peebles’ Navajo cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. sileri</em></td>
<td>Siler’s pincushion cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>P. winkleri</em></td>
<td>Winkler’s cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pedleyphonys spp. (includes Encephalocarpus sp.)</em></td>
<td>Hatchet cactus, Pinecone cactus, Peyotillo.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Sclerocactus brevifolius subsp. tobuschii (=Ancistocactus tobuschii, =Echinoactus tobuschii).</em></td>
<td>Tobusch fishhook cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. (=Echinomastus, =Neolloydia) erectocentrus</em></td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. glaucescens</em></td>
<td>Uinta Basin hookless cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. (=Echinomastus, =Neolloydia) manoposensis</em></td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. mesae-verde</em></td>
<td>Mesa Verde cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. papyracanthus</em></td>
<td>Grama-grass cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. pubipinnus</em></td>
<td>Great Basin fishhook cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>S. wrightii</em></td>
<td>Witch’s fishhook cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Strombocactus disciformis</em></td>
<td>Disc cactus, Top cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Tuberculatus spp.</em> (includes Gymnocactus spp., most Neolloydia spp. (in sense of E.F. Anderson 1986), Normanbokea spp., and Rapicactus spp.).</td>
<td>Tuberculatus cactus.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Uebelmannia spp.</em></td>
<td>Uebelmann cacti.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Caryocaraceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Caryocar costaricense</em></td>
<td>Ajo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Cephalotaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Cephalotus follicularis</em></td>
<td>West Australian pitcher plant family.</td>
<td>II</td>
<td>6/28/79</td>
</tr>
<tr>
<td>Family Compositae (=Asteraceae):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Saussurea costus (=lappa)</em></td>
<td>Costus, Kuth root.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Crassulaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Dudleya stations</em></td>
<td>Stonecrop family.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>D. traskiae</em></td>
<td>Laguna Beach Dudleya.</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>*Family Cupressaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Fili-O-Vellia cupressoides</em></td>
<td>Cypress family.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>Pilgerodendron utileum</em></td>
<td>Pilgerodendron family.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Cystothecae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>All species in the family except those with earlier date.</em></td>
<td>Tree-fenn family.</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Cystotheca (=Hemitelia) capensis</em></td>
<td></td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>C. derozoi</em></td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>C. mexicana</em></td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>C. (=Alsophila) salvinii</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Cycadaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>All species in the family except species in App. I.</em></td>
<td>Cyclic family.</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td><em>Cycas broadmoorei</em></td>
<td>Beddome cycad.</td>
<td>I</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Family Diapensiaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Sporophylla galactica</em></td>
<td>Diapensia family.</td>
<td>I</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Family Dicksoniaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>All species in the family.</em></td>
<td>Tree-fenn family.</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Family Dioscoreaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Dioscorea deltoidea</em></td>
<td>Yami family.</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Droseraceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Drosophyllum muscipula</em></td>
<td>Venus flytrap.</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>Family Ericaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Kalmia cuneata</em></td>
<td>Heath family.</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Family Euphorbiaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Euphorbia spp.</em> (excluding non-succulent species) (all species except those in App. I).*</td>
<td>Euphorbias.</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td><em>E. subgenus Lacanthis dwarf species in Madagascar and their natural hybrids as given below:</em></td>
<td>Malagasy dwarf euphorbias as shown:</td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Species</td>
<td>Common name</td>
<td>Appendix</td>
<td>First listing date (month/day/year)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>----------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>E. crenensis</td>
<td>Ocotillo family:</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. cylindrofiola (including subsp. tuberfolia) (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. decaryi (including var. capsaintemariensis, E. capsaintemariensis) (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. francoisii (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. morati (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. parviocynaphora (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. cuneata (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>E. tulearensis (= E. capsaintemariensis var. tulearensis) (and its natural hybrids)</td>
<td></td>
<td></td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Fouquieriaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fouquieria columnaris</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. fasciculata</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. purpurea</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Gnetaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gnetum montanum</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Juglandaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oceomunnea (=Engelhardia) pterocarpa</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Leguminoseae (=Fabaceae):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dalbergia nigra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pericopsis elata (including saw-logs, sawn wood, and veneers, but no other parts or derivatives, i.e., products)</td>
<td>Cristobal, Granadillo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Platymiscium pleiostachyum</td>
<td>Cristobal, Granadillo</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Pterocarpus santalinus (only logs, wood-chips, and unprocessed broken material)</td>
<td>Red sandalwood, Redsanders</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Family Liliaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. albida</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. albolora</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. alfredi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. bakeri</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. bullatula</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. cactaria</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. compressa (incl. var. rugosquamosa, var. schizophila)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. delphinensis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. descoingsii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. fragilis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. haworthioides (incl. var. suamfala)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. heleneae</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. iata (incl. var. maniensis)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. parallellifolia</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. parvula</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. pillansii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. polyphylla</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. rauhi</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. suazanneae</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. thomondii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. versicolor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A. vossii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Magnoliaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Talatua hodgsonii</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Meliaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swietenia humilis populations in the Americas (including logs, sawn wood, and veneer sheets, but no other parts or derivatives, e.g., products)</td>
<td>Caribbean mahogany</td>
<td>II</td>
<td>6/11/92</td>
</tr>
<tr>
<td>S. macrophylla</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. mahagoni (including saw-logs, sawn wood, and veneers, but no other parts or derivatives, i.e., products)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Nepenthaceae:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nepenthes spp. (all species except those in App. II)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. Hasiana</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. rajah</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family Orchidaceae (= Apostasiaceae, Cypripediaceae):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All species except those in App. I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orchids</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **VerDate 23<NOV>98 09:45 Dec 09, 1998 Jkt 179206 PO 00000 Frm 00564 Fmt 8010 Sfmt 8010 Y:\SGML\179206T.XXX pfrm02 PsN: 179206T**
<table>
<thead>
<tr>
<th>Species</th>
<th>Common name</th>
<th>Appendix</th>
<th>First listing date (month/day/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catleya trianae</td>
<td>Christmas orchid</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Dendrobium cruentum</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Laelia longiflora</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>L. lobata</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Paphiopedilum spp.</td>
<td>Asian tropical lady's slippers</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Peristeria elata</td>
<td>Holy Ghost, Dove orchid</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Phragmipedium spp. (includes Mexipedium sp.)</td>
<td>New World tropical lady's slippers</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Renanthera imbricata</td>
<td></td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Vanda coerulea</td>
<td>Blue vanda</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Palmae (Arecaceae):</td>
<td>Palm family:</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Chrysobalanus cupressoides</td>
<td>Triangle palm</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Papaveraceae:</td>
<td>Poppy family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Mecopanax regia</td>
<td></td>
<td>II</td>
<td>11/16/75</td>
</tr>
<tr>
<td>Family Pinaceae:</td>
<td>Pine family:</td>
<td>III (Nepal)</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Abies guatemalensis</td>
<td>Guatemalan fir</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Podocarpaceae:</td>
<td>Podocarp family:</td>
<td>III (Nepal)</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Podocarpus neriifolius</td>
<td>Parlatore's podocarp.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>P. parlatorei</td>
<td>Montenegro.</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Podophyllaceae (see Berberidaceae)</td>
<td>Portulaca family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Anacampseros spp.</td>
<td>Stikynow kewisia</td>
<td>II</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Lewisia cotyledon</td>
<td>Maguire's lewisia</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>L. maguire</td>
<td>Saw-toothed lewisia</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>L. serrate</td>
<td>Treedy's lewisia</td>
<td>II</td>
<td>7/29/83</td>
</tr>
<tr>
<td>Family Primulaceae:</td>
<td>Primrose family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Cyclamen spp.</td>
<td>Cactilmen</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Proteaceae:</td>
<td>Protea family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Orostomus zeyheri</td>
<td>Marsh-rose</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Protea odorata</td>
<td>Ground-rose</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Rosaceae:</td>
<td>Rose family:</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Phusus africana</td>
<td>African cherry</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Family Rubiaceae:</td>
<td>Portulaca family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Balmea stormia</td>
<td>Ayuque</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Sarraceniaceae:</td>
<td>New World pitcher-plant family:</td>
<td>II</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Sarracenia spp. (all species and natural hybrids except species in App. I)</td>
<td></td>
<td>I</td>
<td>10/22/87</td>
</tr>
<tr>
<td>S. alabamensis subsp. alabamensis (=S. rubra subsp. alabamensis)</td>
<td>Alabama canebrake pitcher plant</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>S. jonesii subsp. jonesii</td>
<td>Mountain sweet pitcher plant</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>S. oregana subsp. oregana</td>
<td>Green pitcher plant</td>
<td>I</td>
<td>6/6/81</td>
</tr>
<tr>
<td>Family Stangeriaceae:</td>
<td>Stangeria family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Stangeria eichingeri (=paradoxa)</td>
<td>Yew family:</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Family Taxaceae:</td>
<td>Himalayan yew</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Taxus wallisii (=T. baccata subsp. wallisii) (except finished pharmaceutical products)</td>
<td></td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Family Tetrameraceae:</td>
<td>Tetrapodont family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Thesiumaceae:</td>
<td>Tea family:</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Camellia chrysanthemoides</td>
<td>Yellow-flowered camellia,</td>
<td>II</td>
<td>8/1/85</td>
</tr>
<tr>
<td>Family Thymelaeaceae (=Aquilegiaceae):</td>
<td>Agarwood, Alcewood</td>
<td>II</td>
<td>2/16/95</td>
</tr>
<tr>
<td>Family Welwitschiaceae:</td>
<td>Welwitschia family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Welwitschia mitelis (=bainesi)</td>
<td>Welwitschia family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Zamiaeeae:</td>
<td>Cycad family:</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>All species except those in App. I</td>
<td></td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Ceratozamia spp.</td>
<td>Ceratozamias, Homocomea</td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Chigua spp.</td>
<td></td>
<td>II</td>
<td>2/4/77</td>
</tr>
<tr>
<td>Encephalartoa spp.</td>
<td>Bread palms, African cycads</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Microcycas calocoma</td>
<td>Palm coroe, Microcycas</td>
<td>I</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Zingiberaceae:</td>
<td>Ginger family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Hedychium philippinense</td>
<td></td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Family Zygophyllaceae:</td>
<td>Cresote bush family:</td>
<td>II</td>
<td>7/1/75</td>
</tr>
<tr>
<td>Guaiacum officinalis</td>
<td>Commoner lignum vitae</td>
<td>II</td>
<td>6/1/92</td>
</tr>
<tr>
<td>G. santum</td>
<td>Holywood lignum vitae</td>
<td>II</td>
<td>7/1/75</td>
</tr>
</tbody>
</table>

§ 23.31 Purpose of regulations.

The regulation contained in this subpart sets out procedures for participation of the public and consultation with appropriate Federal agencies in the Service's process of developing negotiating positions to be used by the representative of the United States to meetings of the Conference of the Parties to the Convention provided for by Article XI of the Convention.

§ 23.32 Notice of meeting of Conference of the Parties to the Convention.

(a) Upon receipt of a notice of a meeting to the Conference of the Parties to the Convention, the director shall publish in the Federal Register a notice setting forth the time and place of the meeting, and the proposed agenda, and inviting the public to comment and provide information on agenda items including, when appropriate, suggestions for additional agenda items.

(b) Upon receipt from the CITES Secretariat of a notice of additional agenda items, the Director shall publish in the Federal Register a notice inviting the public to comment and provide information on such items.

§ 23.33 Notice of proposed negotiating positions.

Subsequent to the comment period of the notice of meeting of the Conference of the Parties to the Convention, the Director shall publish in the Federal Register a notice of proposed negotiating positions setting forth a summary of the information and comments received in response to any of the notices mentioned in § 23.33, the negotiating positions which the Service proposes to use at the meetings of the Conference of the Parties to the Convention, and the basis thereof, and inviting information and comments on the proposed negotiating positions. The notice will also set forth the time and place of at least one public meeting to provide information and comments on the proposed negotiating positions of the Service.

§ 23.34 Public meetings.

The Service shall hold at least one public meeting to enable interested persons to provide information and comments on the proposed agenda and at least one such public meeting on the proposed negotiating positions of the Service. Written statements may be submitted to the Service before and at the meeting. Appointments to speak at the meetings may be made with the Federal Wildlife Permit Office, Washington, DC 20240 (703/235-2418). Participants without prior appointments will be given an opportunity to speak to the extent time allows following speakers with appointments.

§ 23.35 Notice of negotiating positions.

Subsequent to the comment period of the notice of proposed negotiating positions, and after all associated public meetings have been held, the Director shall publish in the Federal Register a notice setting forth (a) a summary of the information and comments received in response to the notice of proposed negotiating positions, (b) a summary of negotiating positions of the Service to be used by the representative of the United States to the meeting of the Conference of the Parties to the Convention, and (c) the basis of such negotiating positions.

§ 23.36 Schedule of public meetings and notices.

The Director shall publish in the Federal Register a schedule, subject to change and modification, of all public meetings and notices related to preparation of negotiating positions for meetings of the Conference of the Parties to the Convention.
§ 23.37 Federal agency consultation.

The Service shall consult with appropriate Federal agencies in the development of negotiating positions.

§ 23.38 Modifications of procedures and negotiating positions.

(a) Any of the procedures in §§ 23.32 through 23.36 may be modified or suspended by the Director on notice published in the Federal Register where to follow the procedures would interfere with the timely or appropriate development of negotiating positions.

(b) Any of the negotiating positions set forth in a notice of negotiating positions may be modified, reversed or abandoned by the United States representative to a meeting of the Conference of the Parties to the Convention where to do so would be in the best interests of the United States.

§ 23.39 Notice of availability of official report.

After any meeting of the Conference of the Parties to the Convention attended by a United States representative, the Service shall publish a notice of availability of the official report of such representative and set forth how and where copies of such report can be obtained.

Subpart E—Scientific Authority Advice [Reserved]

Subpart F—Export of Certain Species

Source: 45 FR 80446, Dec. 4, 1980, unless otherwise noted.

§ 23.51 American ginseng (Panax quinquefolius).

State populations for which the export of the indicated season’s harvest may be permitted under § 23.35 of this part:

(a) 1978 Harvest: Arkansas, Georgia, Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New York, North Carolina, Pennsylvania, Tennessee, Virginia, West Virginia, and Wisconsin.

Conditions on findings: Roots must be documented as to state of origin and season of collecting.


(b) 1979 Harvest: Arkansas, Georgia, Illinois, Iowa, Kentucky, Maryland, Minnesota, Missouri, North Carolina, Ohio, Tennessee, Virginia, West Virginia, and Wisconsin.

Conditions on findings: Roots must be documented as to state of origin and season of collecting. Wild roots must be certified by the state as legally collected. For further information see: 44 FR 25384, Apr. 30, 1979; 44 FR 3107, June 1, 1979; and 44 FR 47912, Aug. 15, 1979.

(c) 1980 Harvest: Arkansas, Georgia, Illinois, Indiana, Iowa, Kentucky, Maryland, Minnesota, Missouri, New York, North Carolina, Ohio, Tennessee, Virginia, West Virginia, and Wisconsin.

Conditions on findings: Roots must be documented as to state of origin and season of collecting. Wild and cultivated roots must be certified by the state as legally collected, and such certification must be presented upon export.

(d) 1981 Harvest: Arkansas, Georgia, Illinois, Indiana, Iowa, Kentucky, Maryland, Minnesota, Missouri, North Carolina, Ohio, Tennessee, Vermont (artificially propagated ginseng only), Virginia, West Virginia, Wisconsin.

Condition on findings: Roots must be documented as to state of origin and season of collecting. Wild and cultivated roots must be certified by the state as legally collected and such certification must be presented upon export. Vermont is approved for export of artificially propagated ginseng roots only.

(e)(1) 1982-1993 harvests (wild and cultivated roots for each year unless noted).
§ 23.52

50 CFR Ch. I (10-1-98 Edition)

§ 23.52 Bobcat (Lynx rufus).

States for which the export of the indicated season’s harvest may be permitted under §23.15 of this part:

(a) States and Harvest Seasons Approved for Export of Bobcat From the United States.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Arizona</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Arkansas</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>California</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Colorado</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Florida</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Georgia</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Idaho</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Kansas</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Kentucky</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Klamath Tribe</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Louisiana</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Maine</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Michigan</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
</tbody>
</table>

NOTE.—American ginseng purchased from non-export approved States by State-registered ginseng dealers for domestic use and commerce must be reported to the State of registration, along with all other ginseng commerce. Such ginseng is not eligible for export from the United States and must be dealer-maintained physically separated from that ginseng eligible for export from this country so that there is no chance of intermingling the specimens.

(b) Condition on export: Each pelt must be clearly identified as to species, State, Indian Tribe, or Indian Nation of origin; and season of taking by a permanently attached, serially numbered tag of a type approved by and attached under conditions established by the Service. Exception to tagging requirement: finished furs and fully manufactured fur products may only be exported from the United States when the State, Indian Tribe, or Indian Nation export tags, removed from the hides used to manufacture the product being exported, are surrendered to the Service at the time of export. Such tags must be removed by cutting the tag strap on the female side next to the locking socket of the tag so the locking socket and locking tip remain joined.

§ 23.53 River otter (Lontra canadensis).

States for which the export of the indicated season's harvest may be permitted under §23.15 of this part:

(a) States and Harvest Seasons Approved for Export of River Otter From the United States.
§ 23.54  Lynx (Lynx canadensis).

States for which the export of the indicated season’s harvest may be permitted under §23.35 of this part:

(a) 1977–78 Harvest: Alaska (open), Idaho (Quota 25), Minnesota (Q 25), Montana (Q 200), Washington (Q 35).


Condition on findings: Pelts must be clearly identified as to state of origin and season of taking.


Condition on findings: Pelts must be clearly identified as to state of origin and state of taking, including tagging according to standards and conditions established by the Service.


(d) 1980–81 Harvest: Alaska, Minnesota, Montana.

Condition on finding: Pelts must be clearly identified as to state of origin and season of taking, including tagging according to conditions established by the Service.

§ 23.56 Gray wolf (Canis lupus).

State for which the export of the indicated season's harvest may be permitted under §23.15 of this part:

(a) 1977–78 Harvest: Alaska.

Condition on findings: Pelts must be tagged as required by the state of Alaska.

(b) 1978–79 Harvest: Alaska.

Condition on findings: Pelts must be tagged as required by the state of Alaska.

(c) 1979–80 Harvest: Alaska.

Condition on findings: Pelts must be tagged as required by the state of Alaska.

For further information: See 44 FR 25383.

(d) 1980–81 Harvest: Alaska.

Condition on findings: Pelts must be tagged as required by the state of Alaska.
§ 23.57 American alligator (Alligator mississippiensis).

States for which the export of the indicated season's harvest may be permitted under § 23.15 of this part:

(a) 1979-1997 harvests (wild and farm-raised for each year unless noted).

<table>
<thead>
<tr>
<th>Year</th>
<th>AL</th>
<th>AR</th>
<th>FL</th>
<th>GA</th>
<th>LA</th>
<th>MS</th>
<th>SC</th>
<th>TX</th>
</tr>
</thead>
<tbody>
<tr>
<td>1979</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1980</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1981</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1982</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1983</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1985</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1986</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1991</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1992</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

+ = export approved.
F = export approved for farm-raised only.
- = export not approved.

(b) Condition on initial export from the United States. (1) Each hide (full skin) must be clearly identified by a durable, permanently locking Convention export tag bearing a legend showing the US-CITES logo, State of origin, species, year of take, and a unique serial number. The tag must be inserted through the hide and permanently locked in place using the locking mechanism of the tag and in accordance with State requirements. Hides with broken tags may not be exported. Prior to export and upon submission of documentation to show legality of the hide, broken tags may be replaced with CITES replacement tags. Hides with valid CITES replacement tags are eligible for export.

(2) US-CITES export tags that were removed from the hides used to manufacture products to be exported must be surrendered to the Service prior to the export of those products.

(3) Meat from legally harvested and tagged alligators shall be packed in State-uniform containers, permanently sealed and labeled as required by State law. Bulk meat containers shall be marked with a State "parts tag" or "bulk meat tag" permanently attached indicating, at a minimum, State of origin, year of take, species, original hide export tag number, weight of meat in the container, and identification of State licensed processor or packer.

(4) Small parts such as tails, throats, feet, or backstrips shall be packed in transparent, sealed containers clearly marked with a parts tag. Parts tags shall supply at a minimum the State of origin, species, original hide export tag number, and weight of the parts in the container.
(5) American alligator skulls shall be marked as required by State law. This marking shall include, at a minimum, reference to a valid US-CITES tag number.


PART 24—IMPORTATION AND EXPORTATION OF PLANTS

Subpart A—Introduction

§ 24.1 Purpose of regulations.
Sec.
24.1 Purpose of regulations.
24.2 Scope of regulations.

Subpart B—Importation and Exportation at Designated Ports

§ 24.11 General restrictions.
No person shall import, export, or re-export plants at any place other than at a port designated in 24.12 (hereinafter "designated port") in accordance with the provisions of this part, unless otherwise specifically authorized by the Service at a nondesignated port in accordance with section 9(f)(1) of the Endangered Species Act of 1973, as amended.

§ 24.12 Designated ports.
(a) The following U.S. Department of Agriculture ports are designated ports for the importation, exportation, or re-exportation of plants which are listed in 50 CFR 17.12 and/or 23.23 and which are required to be accompanied by documentation under 50 CFR part 17 and/or 23:

Nogales, Arizona
Los Angeles, California
San Diego, California
San Francisco, California
Miami, Florida
Orlando, Florida
Honolulu, Hawaii
New Orleans, Louisiana
Hoboken, New Jersey (Port of New York)
Jamaica, New York
San Juan, Puerto Rico
Brownsville, Texas
El Paso, Texas
Houston, Texas
Seattle, Washington

(b) The U.S. Department of Agriculture ports at Hilo, Hawaii, and Chicago, Illinois, are designated ports for the importation, exportation, or re-exportation of plants of the family Orchidaceae (orchids) which are listed in 50 CFR 17.12 or 23.23 and which are required to be accompanied by documentation under 50 CFR part 17 or 23.

(c) The U.S. Department of Agriculture ports at Atlanta, Georgia; Chicago, Illinois; Baltimore, Maryland; St. Louis, Missouri; and Milwaukee, Wisconsin; are designated ports for the importation, exportation or reexportation of roots of American ginseng (Panax quinquefolius) listed in 50 CFR 23.23 and which are required to be accompanied
§ 24.12

by documentation under 50 CFR part 17 or 23.

(d) The U.S. Department of Agriculture ports at Detroit and Port Huron, Michigan; Buffalo, New York; Rouses Point, New York; and Blaine, Washington, are designated ports for the importation from Canada of plants which are listed in 50 CFR 17.12 or 23.23 and which are required to be accompanied by documentation under 50 CFR part 17 or 23, and for the exportation or reexportation to Canada of plants which are listed in 50 CFR 17.12 or 23.23 and which are required to be accompanied by documentation under 50 CFR part 17 or 23.

(e) The U.S. Department of Agriculture ports at Mobile, Alabama; Fort Lauderdale (=Port Everglades), Jacksonville, and Panama City, Florida; Savannah, Georgia; Baltimore, Maryland; Gulfport, Mississippi; Wilmington and Morehead City, North Carolina; Portland, Oregon; Philadelphia, Pennsylvania; Charleston, South Carolina; Laredo, Texas; Norfolk, Virginia; and Vancouver, Washington, are designated ports for the importation of logs and lumber from trees which are listed in the appendices to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) or in 50 CFR 17.12 or 23.23 and which are required to be accompanied by documentation under 50 CFR part 17 or 23.

(f) The U.S. Department of Agriculture port at Wilmington, North Carolina, is a designated port for the exportation of plants of the species Dionaea muscipula (Venus flytrap), which is listed in appendix II to CITES and which is required to be accompanied by documentation under 50 CFR part 23.

(g) All U.S. Customs designated ports of entry on the United States-Canadian border (Customs designated ports of entry are listed in 19 CFR part 101) and the following U.S. Department of Agriculture ports are designated ports for the importation, exportation, or reexportation of plants not required to be accompanied by documentation under 50 CFR part 17 or 23:

- Phoenix, Arizona
- San Luis, Arizona
- Tucson, Arizona
- Calexico, Arizona
- Los Angeles, California
- San Diego, California
- San Francisco, California
- San Pedro, California
- Denver, Colorado
- Wallingford, Connecticut
- Dover, Delaware (Dover AFB)
- Wilmington, Delaware
- Washington, District of Columbia
- Jacksonville, Florida
- Key West, Florida
- Miami, Florida
- Orlando, Florida
- Pensacola, Florida
- Cape Canaveral, Florida
- Port Everglades, Florida
- Tampa, Florida
- West Palm Beach, Florida
- Atlanta, Georgia
- Savannah, Georgia
- Agana, Guam
- Hilo, Hawaii
- Honolulu, Hawaii
- Waikiki, Maui, Hawaii
- Chicago, Illinois
- Baton Rouge, Louisiana
- New Orleans, Louisiana
- Bangor, Maine
- Portland, Maine
- Baltimore, Maryland
- Boston, Massachusetts
- Detroit, Michigan
- Duluth, Minnesota
- St. Paul, Minnesota
- Kansas City, Missouri
- St. Louis, Missouri
- Hoboken, New Jersey
- McGuire AFB, New Jersey
- Albany, New York
- Buffalo, New York
- New York, New York
- Jacksonville, New York
- Rouses Point, New York
- Morehead City, North Carolina
- Wilmington, North Carolina
- Cleveland, Ohio
- Astoria, Oregon
- Coos Bay, Oregon
- Portland, Oregon
- Philadelphia, Pennsylvania
- Hato Rey, Puerto Rico
- Mayaguez, Puerto Rico
- Ponce, Puerto Rico
- Roosevelt Roads, Puerto Rico
- San Juan, Puerto Rico
- Warwick, Rhode Island
- Charleston, South Carolina
- Memphis, Tennessee
- Brownsville, Texas
- Corpus Christi, Texas
- Dallas-Ft. Worth, Texas
- Del Rio, Texas
- Eagle Pass, Texas
El Paso, Texas
Galveston, Texas
Hidalgo, Texas
Houston, Texas
Laredo, Texas
Port Arthur, Texas
Presidio, Texas
Progreso, Texas
Roma, Texas
San Antonio, Texas
St. Croix, Virgin Islands of the United States
St. Thomas, Virgin Islands of the United States
Newport News, Virginia
Norfolk, Virginia
Blaine, Washington
Tacoma, Washington (McChord AFB)
Seattle, Washington
Milwaukee, Wisconsin

SUBCHAPTER C—THE NATIONAL WILDLIFE REFUGE SYSTEM

PART 25—ADMINISTRATIVE PROVISIONS

Subpart A—Introduction

Sec.
25.11 Purpose of regulations.
25.12 Definitions.
25.13 Other applicable laws.

Subpart B—Administrative Provisions

25.21 Closing national wildlife refuges.
25.22 Lost and found articles.
25.23 General regulations and information collection requirements.

Subpart C—Public Notice

25.31 General provisions.

Subpart D—Permits

25.41 General provisions.
25.42 Permits required to be exhibited on request.
25.43 Revocation of permits.
25.44 Easement area permits.
25.45 Appeals procedure.

Subpart E—Fees and Charges

25.51 General provisions.
25.52 Designation.
25.53 Establishment of single visit entrance fees.
25.54 Posting and public notification.
25.55 Refuge admission permits.
25.56 Enforcement.
25.57 Exceptions and exemptions.

Subpart F—Concessions

25.61 General provisions.

Subpart G—Safety Regulations

25.71 Public safety.
25.72 Reporting of accidents.


SOURCE: 41 FR 9166, Mar. 3, 1976, unless otherwise noted.

Subpart A—Introduction

§ 25.11 Purpose of regulations.

(a) The regulations in this subchapter govern general administration of units of the National Wildlife Refuge System, public notice of changes in U.S. Fish and Wildlife Service policy regarding Refuge System units, issuance of permits required on Refuge System units and other administrative aspects involving the management of various units of the National Wildlife Refuge System. The regulations in this subchapter apply to areas of land and water held by the United States in fee title and to property interests in such land and water in less than fee, including but not limited to easements. For areas held in less than fee, the regulations in this subchapter apply only to the extent that the property interest held by the United States may be affected. The regulations in this subchapter also apply to and govern those areas of the Rocky Mountain Arsenal over which management responsibility has been transferred to the U.S. Fish and Wildlife Service under the Rocky Mountain Arsenal Act of 1992 (Pub. L. 102-402, 106 Stat. 1961), before their establishment as a refuge and inclusion in the National Wildlife Refuge System.

(b) All national wildlife refuges are maintained for the primary purpose of developing a national program of wildlife and ecological conservation and rehabilitation. These refuges are established for the restoration, preservation, development and management of wildlife and wildlands habitat; for the protection and preservation of endangered or threatened species and their habitat; and for the management of wildlife and wildlands to obtain the maximum benefits from these resources.


§ 25.12 Definitions.

(a) As used in the rules and regulations in this subchapter:

Authorized official means any Federal, State or local official empowered to enforce provisions of this subchapter C.

Big game means large game animals, including moose, elk, caribou, reindeer, musk ox, deer, bighorn sheep, mountain goat, pronghorn, bear, and peccary, or such species as the separate
States may so classify within their boundaries.

Coordination area means a wildlife management area that has been withdrawn from the public domain or acquired by the Federal Government and subsequently made available to a State by cooperative agreement between the U.S. Fish and Wildlife Service and the State fish and wildlife agency pursuant to the Act of March 10, 1934 (16 U.S.C. 661-666c: 48 Stat. 401), as amended; or by long-term leases or agreements pursuant to the Bankhead-Jones Farm Tenant Act (50 Stat. 525), as amended. Coordination areas are managed by the States but are a part of the National Wildlife Refuge System.

Easement means a less than fee interest in land or water acquired and administered by the U.S. Fish and Wildlife Service for the purpose of maintaining fish and wildlife habitat.

Migratory bird means and refers to those species of birds listed under §10.13 of this chapter.

National wildlife refuge means any area of the National Wildlife Refuge System, except coordination areas.

National Wildlife Refuge System means all lands, waters, and interests therein administered by the U.S. Fish and Wildlife Service as wildlife refuges, wildlife ranges, wildlife management areas, waterfowl production areas, and other areas for the protection and conservation of fish and wildlife including those that are threatened with extinction.

Nontoxic shot means steel shot or other shot approved pursuant to 50 CFR 20.134.

Waterfowl production area means any wetland or pothole area acquired pursuant to section 4(c) of the amended Migratory Bird Hunting Stamp Act (72 Stat. 487; 16 U.S.C. 718d(c)), owned or controlled by the United States and administered by the U.S. Fish and Wildlife Service as a part of the National Wildlife Refuge System.

Wildlife management area means a general term used in describing a variety of areas that are managed for wildlife purposes which may be included in the National Wildlife Refuge System.

§ 25.23 Other applicable laws.

Nothing in this subchapter shall be construed to relieve a person from any other applicable requirements imposed by a local ordinance or by a statute or regulation of any State or of the United States.
§ 25.31 General provisions.

Whenever a particular public access, use or recreational activity of any type whatsoever, not otherwise expressly permitted under this subchapter, is permitted on a national wildlife refuge or where public access, use, or recreational or other activities previously permitted are curtailed, the public may be notified by any of the following methods, all of which supplement this subchapter C:

(a) Official signs posted conspicuously at appropriate intervals and locations;

(b) Special regulations issued under the provisions of § 26.33 of this subchapter C.

(c) Maps available in the office of the refuge manager, regional director, or area director,

(d) Other appropriate methods which will give the public actual or constructive notice of the permitted or curtailed public access, use, or recreational activity.

Subpart D—Permits

§ 25.41 General provisions.

Permits required by this subchapter C can be obtained from the administrative office responsible for the refuge where the activity is to take place. If the applicant is required to obtain the applicable permit from the Director or Secretary, the refuge manager will so inform the applicant, giving the applicant all the necessary information as to how and where to apply.

§ 25.42 Permits required to be exhibited on request.

Any person on a national wildlife refuge shall upon request by any authorized official exhibit the required Federal or State permit or license authorizing their presence and activity on the area and shall furnish such other information for identification purposes as may be requested.

§ 25.43 Revocation of permits.

A permit may be terminated or revoked at any time for noncompliance with the terms thereof or of the regulations in this subchapter C, for nonuse, for violation of any law, regulation or order applicable to the refuge, or to protect public health or safety or the resources of a national wildlife refuge.

§ 25.44 Easement area permits.

(a) The provisions of this subsection shall govern the regulation of activities that affect easement interests acquired by the United States. All other provisions of subchapter C shall apply to activities within such easement areas, but only to the extent that those provisions are directly or indirectly related to the protection of those easement interests expressly acquired by the United States which are specified in the easement agreement itself, and are not inconsistent with the provisions of this subsection.

(b) Permits for use of easement areas administered by the Service are required where proposed activities may affect the property interest acquired by the United States. Applications for permits will be submitted in writing to the regional director or a designee. Special use permits may be granted to owners of servient estates, or to third parties with the owner's agreement, by the regional director or a designee, upon written determination that such permitted use is compatible with the purposes for which the easement was acquired. If it is ultimately determined that the requested use will not affect the United States' interest, the regional director will issue a letter of non-objection.

(c) In instances where the third applicant is a governmental entity which has acquired a partial interest in the servient estate by subsequent condemnation, a special use permit may be granted to the governmental entity without the servient estate owner's agreement if the regional director or his or her designee determines:
§ 25.51 General provisions.

Reasonable charges and fees may be established for public recreational use of and, except in Alaska, entrance onto national wildlife refuges. Regulations regarding recreational use fees are contained in 36 CFR part 711.
§ 25.52 Designation.
To be designated as an “Entrance Fee Area”, a unit of the National Wildlife Refuge System must be found to demonstrate that:
(a) The level of visitation for recreational purposes is high enough to justify the collection of fees for admission permits for economic reasons;
(b) There is a practical mechanism in existence for implementing and operating a system of collecting fees for admission permits; and
(c) Imposition of a fee for admission permits is not likely to result in undue economic hardship for a significant number of visitors to the unit.

§ 25.53 Establishment of single visit entrance fees.
Entrance fees established for single visit permits at a designated Entrance Fee Area shall consider the following criteria with regard to the local area within which the refuge is located:
(a) The direct and indirect cost to the Government.
(b) The benefits to the permit holder.
(c) The public policy or interest served.
(d) The comparable fees charged by non-Federal public agencies.
(e) The economic and administrative feasibility of fee collection.

§ 25.54 Posting and public notification.
The public shall be notified that an entrance fee is charged through refuge publications and posted designation signs in accordance with §25.31 of this part.

§ 25.55 Refuge admission permits.
(a) Unless otherwise provided, persons entering an Entrance Fee Area shall obtain and be in possession of a valid admission permit.
(b) The following five types of permits allowing entrance onto an Entrance Fee Area will be available for issue or purchase at such area and, except for refuge-specific permits, at Fish and Wildlife Service Regional and Washington, DC Offices, and at other locations as may be designated.
(1) Single visit permit with a charge not to exceed $3 per person or $7.50 per noncommercial vehicle (single visit can be defined as 1-15 days, dependent upon a determination of the period of time reasonably and ordinarily necessary for such a visit at a particular refuge unit).
(2) Golden Eagle Passport.
(3) Golden Age Passport.
(4) Golden Access Passport.
(5) Federal Migratory Bird Hunting and Conservation (Duck) Stamp. To be valid, the Duck Stamp must be current and bear the signature of the holder on the front.

§ 25.56 Enforcement.
Permits issued or used for entrance onto Entrance Fee Areas are non-transferable. Failure to pay the entrance fee, to display upon request of an authorized official a valid permit, or to comply with other entrance fee provisions, rules or regulations, will be subject to the penalties prescribed in 50 CFR 28.31.

§ 25.57 Exceptions and exemptions.
At Entrance Fee Areas:
(a) Special admission permits for uses, such as group activities, may be issued.
(b) No entrance fee shall be charged for persons under 16 years of age.
(c) No entrance fee shall be charged for travel by private noncommercial vehicle over any road or highway established as part of the National Federal Aid System (defined in 23 U.S.C. 101), which is commonly used by the public as a means of travel between two places which are outside the Entrance Fee Area.
(d) No entrance fee shall be charged for travel by private noncommercial vehicle over any road or highway to any land in which such person has a property interest if such land is within any Entrance Fee Area.
(e) Persons accompanying the holder of a valid single visit permit, Federal Duck Stamp or Golden Eagle, Age, or Access Passport in a single, private, noncommercial vehicle shall be entitled to general entrance.
(f) Where entry is by any means other than single, private, noncommercial vehicle, the spouse, children, or...
Subpart A—Introduction

§ 26.11 Purpose of regulations.

The regulations in this part govern the circumstances under which the public can enter and use a national wildlife refuge.

Subpart B—Public Entry

§ 26.21 General trespass provision.

(a) No person shall trespass, including but not limited to entering, occupying, using, or being upon, any national wildlife refuge, except as specifically authorized in this subchapter C or in other applicable Federal regulations.

(b) No unconfined domestic animals, including but not limited to dogs, hogs, cats, horses, sheep and cattle, shall be permitted to enter upon any national wildlife refuge or to roam at large upon such an area, except as specifically authorized under the provisions of §26.34, §27.91 or §29.2 of this subchapter C.

§ 26.22 General exception for entry.

(a) Any person entering or using any national wildlife refuge will comply with the regulations in this subchapter C, the provisions of any special regulations and any other official notification as is appropriate under §25.31.

Subpart F—Concessions

§ 25.61 General provisions.

Public use facilities may be operated by concessionaires or cooperators under appropriate contact or legal agreement on national wildlife refuges where there is demonstrated justified need for services or facilities including, but not limited to, boat rentals, swimming facilities, conducted tours of special natural attractions, shelters, tables, trailer lots, food, lodging, and related service.

Subpart G—Safety Regulations

§ 25.71 Public safety.

Persons using national wildlife refuges shall comply with the safety requirements which are established under the provisions of this subchapter C for each individual refuge and with any safety provisions which may be included in leases, agreements, or use permits.

§ 25.72 Reporting of accidents.

Accidents involving damage to property, injury to the public or injury to wildlife that occur within the boundaries of any national wildlife refuge are to be reported as soon as possible, but in no event later than 24 hours after the accident, by the persons involved, to the refuge manager or other personnel on duty at the national wildlife refuge headquarters. This report does not relieve persons from the responsibility of making any other accident reports which may be required.

PART 26—PUBLIC ENTRY AND USE

Subpart A—Introduction

Sec. 26.11 Purpose of regulations.

Subpart B—Public Entry

26.21 General trespass provision.
26.22 General exception for entry.

26.23 Exception for entry to the headquarters office.
26.24 Exception for entry when accompanied by refuge personnel.
26.25 Exception for entry to persons with an economic use privilege.
26.26 Exception for entry for use of emergency shelter.
26.27 Exception for entry on designated routes of travel.
§ 26.23
(b) A permit shall be required for any person entering a national wildlife refuge, unless otherwise provided under the provisions of subchapter C. The permittee will abide by all the terms and conditions set forth in the permit.

§ 26.23 Exception for entry to the headquarters office.

The headquarters office of any national wildlife refuge is open to public access and admission during regularly established business hours.

§ 26.24 Exception for entry when accompanied by refuge personnel.

A permit is not required for access to any part of a national wildlife refuge by a person when accompanied by refuge personnel.

§ 26.25 Exception for entry to persons with an economic use privilege.

Access to and travel upon a national wildlife refuge by a person granted economic use privileges on that national wildlife refuge should be restricted to a specified area in accordance with the provisions of their agreement, lease, or permit.

§ 26.26 Exception for entry for use of emergency shelter.

A permit is not required for access to any national wildlife area for temporary shelter or temporary protection in the event of emergency conditions.

§ 26.27 Exception for entry on designated routes of travel.

A permit is not required to enter, travel on, and exit from any national wildlife refuge on public waters and roads, and such roads, trails, footpaths, walkways, or other routes and areas which are designated for public use under the provisions of this subchapter C.

Subpart C—Public Use and Recreation

§ 26.31 General provisions.

Public recreation will be permitted on national wildlife refuges as an appropriate incidental or secondary use, only after it has been determined that such recreational use is practicable and not inconsistent with the primary objectives for which each particular area was established or with other authorized Federal operations.

§ 26.32 Recreational uses.

Recreational uses such as, but not limited to, sightseeing, nature observation and photography, interpretive centers and exhibits, hunting and fishing, bathing, boating, camping, ice skating, picnicking, swimming, water skiing, and other similar activities may be permitted on national wildlife refuges. When such uses are permitted the public will be notified under the provisions of this subchapter C.

§ 26.33 Special regulations.

(a) Special regulations shall be issued for public use, access, and recreation within certain individual national wildlife refuges where there is a need to amend, modify, relax or make more stringent the regulations contained in this subchapter C. The issued special regulations will supplement the provisions in this part 26.

(b) Special recreational use regulations may contain the following items:

(1) Recreational uses authorized.

(2) Seasons, period, or specific time of use.

(3) Description of areas open to recreation.

(4) Specific conditions or requirements.

(5) Other provisions.

(6) Special regulations for public use, access, and recreation are published in the daily issue of the Federal Register and may be codified in the Code of Federal Regulations. They shall be issued in compliance with procedures contained in the Departmental Manual.

§ 26.34 Special regulations concerning public access, use and recreation for individual national wildlife refuges.

Virginia

Back Bay National Wildlife Refuge

Access

(a) Access qualifications and specifications. (1) As provided for in Pub. L. 96-315, permanent, full-time residents who can furnish to the refuge manager,
Back Bay NWR, adequate proof of continuous and continuing residency, commencing prior to December 31, 1979, on the Outer Banks from the refuge boundary south to and including the village of Corolla, North Carolina, as long as they remain permanent, full-time residents. The south boundary of the area for access consideration is defined as a straight east-west line extending from Currituck Sound to the Atlantic Ocean and passing through a point 1,600 feet due south of the Currituck lighthouse. "Residence" means a place of general abode; "Place of general abode" means a person's principal, actual dwelling place in fact, without regard to intent. A "dwelling" means a residential structure occupied on a year-round basis by the permit applicant and shall not include seasonal or part-time dwelling units such as beach houses, vacation cabins, or structures which are intermittently occupied.

(2) As provided for in Pub. L. 98-146, "Up to 15 additional permits shall be granted to those persons meeting any one of the following conditions:"

(i) A resident as of July 1, 1982, who held a valid Service access permit for improved property owners at any time during the period from July 29, 1976, through December 31, 1979.

(ii) Anyone in continuous residency since 1976, in the area bounded on the north by the refuge boundary, and on the south by a straight line passing through a point in the east-west prolongation of the centerline of Albacore Street, Whaleshead Club Subdivision, Currituck County, North Carolina.

(iii) Any permanent, full time resident as of April 1, 1983, residing in the area outlined in paragraph (a)(2)(ii) of this section and not otherwise eligible, who can substantiate to the Secretary of the Interior that access is essential to their maintaining a livelihood; so long as they maintain full-time continuous employment in the Norfolk, Virginia, area may qualify for access.

(3) The burden of proving that the prospective permittee meets these criteria shall be on the applicant by presentation of adequate documentation to the refuge manager. Permittees may be required to submit additional documentation of their eligibility to the refuge manager in order to maintain access. Permits will be issued only to those who legally qualify for them.

(4) Only one permit will be issued per family. All permits issued will be terminated in the event that alternate access becomes available during the permit period.

(5) Permits are issued for the purpose of providing ingress and egress across the refuge beach to the permittee's residence. Personal access is limited to permittees, their families, relatives, and guests while being transported in the permittee's vehicle. "Personal access" means private, non-commercial use. Permits are not transferable by sale or devise.

(6) All vehicle occupants must provide positive identification upon the request of any refuge official.

(b) Routes of travel. Access to, and travel along, the refuge beach by motorized vehicles may be allowed between the dune crossing at the key card operated gate near the refuge headquarters, and the south boundary of the refuge only after a permit has been issued or authorization provided by the refuge manager. Travel along the refuge beach by motorized vehicle shall be below the high tide line, within the intertidal zone, to the maximum extent practicable. This may require permittees to adjust their travel times to avoid high tides which would require the use of the emergency storm access/evacuation route over the east dike.

(c) Number of trips allowed. Permittees and members of their immediate families residing with them are limited to a total of two round trips per day per household.

(d) Hours of travel. Travel along the designated route is permitted 24 hours per day from October 1 through April 30. Travel is restricted to the hours of 5:00 a.m. to 12:00 midnight from May 1 through September 30.

(e) Medical emergencies. Private vehicles used in a medical emergency will be granted access. A "medical emergency" means any condition that threatens human life or limb unless medical treatment is immediately obtained.
§ 26.34

The vehicle operator is required to provide the refuge manager with a doctor’s statement confirming the emergency within 36 hours after the access has occurred.

(f) Military, fire or emergency vehicles. Military, fire, emergency or law enforcement vehicles used for emergency purposes may be granted access. Vehicles used by an employee/agent of the Federal, State or local government, in the course of official duty other than for emergency purposes, may be granted access upon advance request to the refuge manager. Continuous or recurring use of the refuge beach for other than emergency purposes shall require the issuance of a permit from the refuge manager.

(g) Public utility vehicles. Public utility vehicles used on official business will be granted access. A permit specifying the times and types of access will be issued by the refuge manager. A “public utility vehicle” means any vehicle owned or operated by a public utility company enfranchised to supply Outer Banks residents with electricity or telephone service.

(h) Essential commercial service vehicles. (1) Essential commercial service vehicles on business calls during the hours of 8 a.m.—5 p.m. Monday through Friday will be granted access, only upon prior approval of the refuge manager when responding to a request from a permittee. Such requests may be verbal or in writing. Access by essential commercial service vehicles will be granted only after all other reasonable alternatives to access through the refuge have been exhausted as determined by the refuge manager.

(2) “Commercial service vehicle” means any vehicle owned or operated by or on behalf of an individual, partnership, or corporation that is properly licensed to engage entirely in the business of furnishing emergency repair services, including but not limited to plumbing, electrical, and repairs to household appliances.

(3) Emergency situations. The refuge manager, upon reasonable notification, will be able to authorize essential service/emergency repair access, outside the prescribed time periods, for emergency situations should they arise.

(i) Commercial fishermen, businesses and their employees. (1) Commercial fishermen who have verified that their fishing operations on the Outer Banks of Virginia Beach, Virginia, or Currituck County, North Carolina, have been dependent since 1972 on ingress and egress to or across the refuge are granted permits for access. Travel through the refuge by commercial fishermen from Currituck County, North Carolina, will be permitted only when directly associated with commercial fishing operations. Drivers and passengers on trips through the refuge are limited to commercial fishing crew members. A commercial fisherman means one who harvests finfish by gill net or haul seine in the Atlantic Ocean, and who has owned and operated a commercial fishing businesses continuously since 1972. Commercial permits are not transferable by sale or devise. The level of commercial permittee travel across the refuge shall not increase above the average yearly levels maintained in the 1985–1987 period.

(2) Other businesses who have verified that their business operations on the Outer Banks of Currituck County, North Carolina, have been dependent since 1972 on ingress and egress to or across the refuge will be granted permits for access in accordance with the limitations outlined in paragraph (j)(1) of this section.

(3) Each commercial fisherman or other business may be granted a maximum of five designated employees to travel the refuge beach for commercial fishing or other business-related purposes only. Commercial fishing employees may carry only other commercial fishing employees as passengers. Other business employees may carry only other employees of that business. The hauling of trailers associated with the conduct of commercial fishing or other business activities is authorized.

(4) Employees of commercial fishermen and/or other businesses who apply
for access permits shall have the burden of proving, by the presentation of appropriate documentation to the refuge manager, that they are an "employee" for purposes of this section of the regulations. Appropriate documentation is defined as the submission of standardized and verifiable employment forms including: Signed W-2 and W-4 forms, IRS form #1099, official earnings statements for specified periods, employee income tax withholding submissions to State and Federal tax offices (e.g., IRS form W-3 with W-2s attached), State unemployment tax information or other proof of actual employment. Documentation for each employee must be submitted in advance of access being granted, or, for new employees, within 30 days of their starting date. Failure to provide verification of employment for new employees within 30 days will result in termination of access privileges.

(k) Suspension or waiver of rules. (1) In an emergency, the refuge manager may suspend any or all of the foregoing restrictions on vehicular travel and announce each suspension by whatever means are available. In the event of adverse weather conditions, the refuge manager may close all or any portion of the refuge to vehicular traffic for such periods as deemed advisable in the interest of public safety.

(2) The refuge manager may make exceptions to access restrictions, if they are compatible with refuge purposes, for qualified permittees who have demonstrated to the refuge manager a need for additional access relating to health or livelihood.

(3) The refuge manager may grant one-time use authorization for vehicular access through the refuge to individuals, not otherwise qualified above, who have demonstrated to the refuge manager that there is no feasible alternative to the access requested. Authorization for access under this provision will not be based on convenience to the applicant.

(4) Medical access waiver permits may be issued under the following conditions:

(i) The Regional Director may grant access to non-eligible permanent residents who can show proof that their physical health is such that life-threatening situations may result from more arduous travel conditions. The submission of substantiating medical records is required to be considered for a medical access waiver.

(ii) All medical access waiver permittees will be required to prove that their medical condition is or continues to be such that a life-threatening situation would result from more arduous travel conditions. Such proof shall be required prior to the issuance of an access permit, and at 3-year intervals thereafter.

(iii) A second medical opinion will be required by the Regional Director prior to the issuance or re-issuance of any such permit. This second opinion will be provided for at Service expense, by a government designated physician.

(iv) No additional medical access waiver permits will be issued after December 31, 1987.

(v) Previous holders of medical access waiver permits will retain access subject to paragraph (k)(4) (ii) and (iii) of this section.

(l) Violation of rules. Violators of these special regulations pertaining to Back Bay NWR are subject to legal action as prescribed by 50 CFR 25.43 and part 28, including suspension or revocation of all permits issued to the violator or responsible permittee. The refuge manager may deny access permits to applicants who, during the 2 years immediately preceding the date of application, have formally been charged and successfully prosecuted for three or more violations of these or other regulations in effect at Back Bay NWR. Individuals whose vehicle access privileges are suspended, revoked, or denied may, within 30 days, file a written appeal of the action to the Assistant Regional Director-Refuges and Wildlife, One Gateway Center, Suite 700, Newton Corner, Massachusetts 02158, in accordance with 50 CFR 25.45(c).

(m) Other access rules. (1) No permit will remain in effect beyond December 31 of the year in which it was issued. Permits may be renewed upon the submission of appropriate updated information relating to the permit, and a signed statement that the conditions under which the previous permit was issued have not changed. In the event of any changes of conditions under
§ 26.35

which the permit is granted, the permittee shall notify the refuge manager in writing within 30 days. Failure to report changes may result in suspension/revocation of the permit.

(2) Vehicles shall be operated on the refuge beach only by the permittee or other authorized drivers. Permit holders shall not tow, transport or operate vehicles owned by non-permit holders through the refuge. Non-commercial permit holders may tow utility and boat trailers when being used for their personal use only. Any towed vehicle shall have advance approval from the refuge manager prior to being brought through the refuge. This access privilege is not to be used for any commercial purpose.

(3) The refuge manager may prescribe restrictions as to the types of vehicles to be permitted to ensure public safety and adherence to all applicable rules and regulations.

(4) A magnetic card will be issued to each authorized driver only for his or her operation of the computer controlled gate. No more than two cards will be issued per family. Only one vehicle will be permitted to pass for each gate opening. Unauthorized use of the magnetic card may result in suspension of the permit. A fee will be charged to replace lost or misplaced cards. Malfunctioning cards will be replaced at no charge.

(5) Access is granted for the purpose of travel to and from the permittee’s residence and/or place of business. Access is not authorized for the purpose of transporting individuals for hire, or for the transport of prospective real estate clients to or from the Outer Banks of North Carolina, or for any other purpose not covered in this rule.

GENERAL RULES

(n) Entry on foot, bicycle or motor vehicle. Entry on foot, bicycle, or by motor vehicle on designated routes is permitted one-half hour before sunrise to one-half hour after sunset for the purposes of nature observation and study, photography, hiking, surf fishing, and bicycling.

(o) Beach-oriented uses. Designated areas of the refuge beach are open to wildlife/wildlands-oriented recreation only as outlined in paragraph (n) of this section. Entry to the beach is via designated access points only.

(p) Parking. Limited parking at the refuge office/visitor contact station is permitted only in designated spaces. Parking is available on a first-come, first-serve basis for persons engaged in wildlife/wildlands-oriented recreation only as outlined in paragraph (n) of this section.

(q) Fires. All fires are prohibited.

(r) Pets. Dogs and other pets, on a hand-held leash not exceeding 10 feet in length, are permitted from October 1 through March 31.

(s) Other general rules. (1) Pedestrians and vehicular traffic in the sand dunes are prohibited.

(2) Use by all groups exceeding 10 individuals will require a Special Use Permit, issued by the refuge manager.

(3) Registered motor vehicles and motorized bicycles (mopeds) are permitted on the paved refuge access road and parking lot at refuge headquarters. All other motorized vehicular use is prohibited, except as specifically authorized pursuant to this rule.

(4) The information collection requirement contained in this rule has been approved by the Office of Management and Budget under 44 U.S.C. 3501, et seq., and has been assigned the number 1018-0014. The information being collected is used to determine eligibility for issuing a vehicular access permit and a response is required to obtain a benefit.

[52 FR 35715, Sept. 23, 1987]

EDITORIAL NOTE: For Federal Register citations to regulations affecting temporary and special regulations on national wildlife refuges, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 26.35 Cabin sites.

(a) There shall be no new private cabin site permits issued for national wildlife refuges. All appropriate provisions of 43 CFR part 21 apply to the phaseout of existing permits on national wildlife refuges.

(b) No new government owned cabin site permits for private recreational purposes shall be issued nor shall existing permits be renewed.
§ 26.36 Public assemblies and meetings.

(a) Public meetings, assemblies, demonstrations, parades and other public expressions of view may be permitted within a national wildlife refuge open to public use, provided a permit therefore has been issued by the refuge manager.

(b) Any application for such permit shall set forth the name of the applicant, the date, time, duration, nature and place of the proposed event, an estimate of the number of persons expected to attend, and a statement of equipment and facilities to be used in connection therewith.

(c) The refuge manager may issue a permit on proper application unless:

(1) A prior application for the same time and place has been made which has been or will be granted; or

(2) The activity will present a clear and present danger to public health or safety, or undue disturbance to the other users or resources of the area; or

(3) The activity is of such nature that it cannot be reasonably accommodated in the particular national wildlife refuge; or

(4) The activity conflicts with the purposes of the national wildlife refuge.

(d) The permit may contain such conditions as are reasonably consistent with protection and use of the national wildlife refuge for the purpose for which it is maintained. It may also contain reasonable limitations on the time and area within which the activity is permitted.

PART 27—PROHIBITED ACTS

Subpart D—Disturbing Violations: With Weapons

27.41 General provisions.
27.42 Firearms.
27.43 Weapons other than firearms.

Subpart E—Disturbing Violations: Against Plants and Animals

27.51 Disturbing, injuring, and damaging plants and animals.
27.52 Introduction of plants and animals.

Subpart F—Disturbing Violations: Against Nonwildlife Property

27.61 Destruction or removal of property.
27.62 Search for and removal of objects of antiquity.
27.63 Search for and removal of other valued objects.
27.64 Prospecting and mining.
27.65 Tampering with vehicles and equipment.

Subpart G—Disturbing Violations: Light and Sound Equipment

27.71 Motion or sound pictures.
27.72 Audio equipment.
27.73 Artificial lights.

Subpart H—Disturbing Violations: Personal Conduct

27.81 Alcoholic beverages.
27.82 Possession and delivery of controlled substances.
27.83 Indecency and disorderly conduct.
27.84 Interference with persons engaged in authorized activities.
27.85 Gambling.
27.86 Begging.

Subpart I—Other Disturbing Violations

27.91 Field trials.
27.92 Private structures.
27.93 Abandonment of property.
27.94 Disposal of waste.
27.95 Fires.
27.96 Advertising.
27.97 Private operations.


SOURCE: 41 FR 9168, Mar. 3, 1976, unless otherwise noted.
§ 27.11

Subpart A—Introduction

§ 27.11 Purpose of regulations.

The regulations in this part 27 govern those acts by the public which are prohibited at all times except as permitted in this part, part 26, and part 25, subpart D—Permits.

[42 FR 56954, Oct. 31, 1977]

Subpart B—Taking Violations

§ 27.21 General provisions.

No person shall take any animal or plant on any national wildlife refuge, except as authorized under 50 CFR 27.51 and parts 31, 32, and 33 of this subchapter C.

Subpart C—Disturbing Violations: With Vehicles

§ 27.31 General provisions regarding vehicles.

Travel in or use of any motorized or other vehicles, including those used on air, water, ice, snow, is prohibited on national wildlife refuges except on designated routes of travel, as indicated by the appropriate traffic control signs or signals and in designated areas posted or delineated on maps by the refuge manager and subject to the following requirements and limitations:

(a) Unless specifically covered by the general and special regulations set forth in this chapter, the laws and regulations of the State within whose exterior boundaries a national wildlife refuge or portion thereof is located shall govern traffic and the operation and use of vehicles. Such State laws and regulations which are now or may hereafter be in effect are hereby adopted and made a part of the regulations in this part.

(b) No operator of a vehicle shall be under the influence of intoxicating beverages or controlled substances.

(c) Driving or operating any vehicle carelessly or heedlessly, or in willful or wanton disregard for the rights or safety of other persons, or without due care or at a speed greater than is reasonable and prudent under prevailing conditions, having regard to traffic, weather, wildlife, road, and light conditions, and surface, width, and character of the travel way is prohibited. Every operator shall maintain such control of the vehicle as may be necessary to avoid danger to persons or property or wildlife.

(d) The vehicle speed limit shall not exceed 25 m.p.h. except as otherwise legally posted.

(e)(1) Every motor vehicle shall at all time be equipped with a muffler in good working order, and which cannot be removed or otherwise altered while the vehicle is being operated on a national wildlife refuge. To prevent excessive or unusual noise no person shall use a muffler cut-out, bypass, or similar device upon a motor vehicle. A vehicle that produces unusual or excessive noise or visible pollutants is prohibited.

(2) A refuge manager, by posting of appropriate signs or by marking on a map which shall be available at the refuge headquarters, may require that any motor vehicle operating in the designated area shall be equipped with a spark arrester that meets Standard 5100-1a of the U.S. Forest Service, Department of Agriculture which standard includes the requirements that such spark arrester shall have an efficiency to retain or destroy at least 80 percent of carbon particles, for all flow rates, and that such spark arrester has been warranted by its manufacturer as meeting the above mentioned efficiency requirement for at least 1,000 hours, subject to normal use, with maintenance and mounting in accordance with the manufacturers recommendations.

(f) The operation of a vehicle which does not bear valid license plates and is not properly certified, registered, or inspected in accordance with applicable State laws is prohibited.

(g) Driving or permitting another person to drive a vehicle without valid license is prohibited. A valid driver's or operator's license must be displayed upon the request of any authorized official.

(h) Stopping, parking or leaving any vehicle, whether attended or unattended, upon any road, trail, or fire lane so as to obstruct the free movement of other vehicles is prohibited, except in the event of accident or other
§ 27.33 Water skiing.

When water skiing is permitted upon national wildlife refuge waters, the public will be notified under the provisions of this subchapter C and the following requirements and limitations will apply:

(a) Water skiing is permitted only during daylight hours and during periods posted or otherwise designated under the provisions of this subchapter C.

(b) When a skier is in “tow” there must be two persons in the boat at all times, with one person not operating
§ 27.34

the boat, acting as an observer of the skier in tow.

(c) The direction of a tow boat when circling will be counter clockwise.

(d) Skiers must wear U.S. Coast Guard approved ski belts, life jackets or buoyant vests.

(e) Water skiing is prohibited within 300 feet of harbors, swimming beaches, and mooring areas, and within 100 feet of any designated swimming area.

§ 27.34 Aircraft.

The unauthorized operation of aircraft, including sail planes, and hang gliders, at altitudes resulting in harassment of wildlife, or the unauthorized landing or take-off on a national wildlife refuge, except in an emergency, is prohibited. National wildlife refuge boundaries are designated on update FAA aeronautical charts.

Subpart D—Disturbing Violations:
With Weapons

§ 27.41 General provisions.

Carrying, possessing, or discharging firearms, fireworks, or explosives on national wildlife refuges is prohibited unless specifically authorized under the provisions of this subchapter C.

§ 27.42 Firearms.

Only the following persons may possess, use, or transport firearms on national wildlife refuges in accordance with this section and applicable Federal and State law:

(a) Persons using firearms for public hunting under the provisions of 50 CFR part 32.

(b) Persons carrying unloaded firearms, that are dismantled or cased, in vehicles and boats over routes of travel designated under the provision of subchapter C.

(c) Persons authorized to use firearms for the taking of specimens of wildlife for scientific purposes.

(d) Persons authorized by special regulations or permits to possess or use firearms for the protection of property, for field trials, and other special purposes.

[46 FR 47230, Sept. 25, 1981]

§ 27.43 Weapons other than firearms.

The use or possession of cross bows, bows and arrows, air guns, spears, gags, or other weapons on national wildlife refuges is prohibited except as may be authorized under the provision of this subchapter C.

[46 FR 47230, Sept. 25, 1981]

Subpart E—Disturbing Violations:
Against Plants and Animals

§ 27.51 Disturbing, injuring, and damaging plants and animals.

(a) Disturbing, injuring, spearing, poisoning, destroying, collecting or attempting to disturb, injure, spear, poison, destroy or collect any plant or animal on any national wildlife refuge is prohibited except by special permit unless otherwise permitted under this subchapter C.

(b) [Reserved]

§ 27.52 Introduction of plants and animals.

Plants and animals or their parts taken elsewhere shall not be introduced, liberated, or placed on any national wildlife refuge except as authorized.

Subpart F—Disturbing Violations:
Against Nonwildlife Property

§ 27.61 Destruction or removal of property.

The destruction, injury, defacement, disturbance, or the unauthorized removal of any public property including natural objects or private property on or from any national wildlife refuge is prohibited.

§ 27.62 Search for and removal of objects of antiquity.

No person shall search for or remove from national wildlife refuges objects of antiquity except as may be authorized by 43 CFR part 3.

§ 27.63 Search for and removal of other valued objects.

(a) No person shall search for buried treasure, treasure trove, valuable semi-precious rocks, stones, or mineral specimens on national wildlife refuges
unless authorized by permit or by provision of this subchapter C.
(b) Permits are required for archeological studies on national wildlife refuges in accordance with the provisions of this subchapter C.

§ 27.64 Prospecting and mining.
Prospecting, locating, or filing mining claims on national wildlife refuges is prohibited unless otherwise provided by law. See §29.31 for provisions concerning mineral leasing.

[41 FR 9168, Mar. 3, 1976, as amended at 44 FR 42976, July 23, 1979]

§ 27.65 Tampering with vehicles and equipment.
Tampering with, entering, or starting any motor vehicle, boat, equipment or machinery or attempting to tamper with, enter, or start any motor vehicle, boat, equipment or machinery on any national wildlife refuge without proper authorization is prohibited.

Subpart G—Disturbing Violations: Light and Sound Equipment

§ 27.71 Motion or sound pictures.
The taking or filming of any motion or sound pictures on a national wildlife refuge for subsequent commercial use is prohibited except as may be authorized under the provisions of 43 CFR part 5.

§ 27.72 Audio equipment.
The operation or use of audio devices including radios, recording and playback devices, loudspeakers, television sets, public address systems and musical instruments so as to cause unreasonable disturbance to others in the vicinity is prohibited.

§ 27.73 Artificial lights.
No unauthorized person shall use or direct the rays of a spotlight or other artificial light, or automotive headlights for the purpose of spotting, locating, or taking any animal within the boundaries of any national wildlife refuge or along rights-of-way for public or private roads within a national wildlife refuge.

Subpart H—Disturbing Violations: Personal Conduct

§ 27.81 Alcoholic beverages.
Entering or remaining in any national wildlife refuge when under the influence of alcohol, to a degree that may endanger oneself or other persons or property or unreasonably annoy persons in the vicinity, is prohibited.

§ 27.82 Possession and delivery of controlled substances.
(a) Definitions for the purpose of this section:
(1) The term controlled substance means a drug or other substance, or immediate precursor, included in schedules I, II, III, IV, or V of part B of the Controlled Substance Act (21 U.S.C. 812) or any drug or substance added to these schedules pursuant to the terms of the Controlled Substance Act.
(2) The term practitioner means a physician, dentist, veterinarian, scientific investigator, pharmacist, or other person licensed, registered, or otherwise permitted by the United States or the jurisdiction in which he practices to distribute or possess a controlled substance in the course of professional practice.
(3) The term delivery means the actual, attempted or constructive transfer and/or distribution of a controlled substance, whether or not there exists an agency relationship.
(b) Offenses. (1) The delivery of any controlled substance on a national wildlife refuge is prohibited, except that distributed by a practitioner in accordance with applicable law.
(2) The possession of a controlled substance on a national wildlife refuge is prohibited unless such substance was obtained by the possessor directly, or pursuant to a valid prescription or order, from a practitioner acting in the course of his professional practice, or except as otherwise authorized by applicable law.
(3) Presence in a national wildlife refuge when under the influence of a controlled substance to a degree that may endanger oneself, or another person, or property, or may cause unreasonable interference with another person's enjoyment of a national wildlife refuge is prohibited.
§ 27.83 Indecency and disorderly conduct.

Any act of indecency or disorderly conduct as defined by State or local laws is prohibited on any national wildlife refuge.

§ 27.84 Interference with persons engaged in authorized activities.

Disturbing, molesting, or interfering with any employee of the United States or of any local or State government engaged in official business, or with any private person engaged in the pursuit of an authorized activity on any national wildlife refuge is prohibited.

§ 27.85 Gambling.

Gambling in any form, or the operation of gambling devices, for money or otherwise, on any national wildlife refuge is prohibited.

§ 27.86 Begging.

Begging on any national wildlife refuge is prohibited. Soliciting of funds for the support or assistance of any cause or organization is also prohibited unless properly authorized.

Subpart I—Other Disturbing Violations

§ 27.91 Field trials.

The conducting or operation of field trials for dogs on national wildlife refuges is prohibited except as may be authorized by special permit.

§ 27.92 Private structures.

No person shall without proper authority construct, install, occupy, or maintain any building, log boom, pier, dock, fence, wall, pile, anchorage, or other structure or obstruction in any national wildlife refuge.

§ 27.93 Abandonment of property.

Abandoning, discarding, or otherwise leaving any personal property in any national wildlife refuge is prohibited.

§ 27.94 Disposal of waste.

(a) The littering, disposing, or dumping in any manner of garbage, refuse sewage, sludge, earth, rocks, or other debris on any national wildlife refuge except at points or locations designated by the refuge manager, or the draining or dumping of oil, acids, pesticide wastes, poisons, or any other types of chemical wastes in, or otherwise polluting any waters, water holes, streams or other areas within any national wildlife refuge is prohibited.

(b) Persons using a national wildlife refuge shall comply with the sanitary requirements established under the provisions of this subchapter C for each individual refuge; the sanitation provisions which may be included in leases, agreements, or use permits, and all applicable Federal and State laws.

§ 27.95 Fires.

On all national wildlife refuges persons are prohibited from the following: (a) Setting on fire or causing to be set on fire any timber, brush, grass, or other inflammable material including camp or cooking fires, except as authorized by the refuge manager or at locations designated for that purpose or as provided for under § 26.33(c) of this subchapter C. (b) Leaving a fire unattended or not completely extinguished; (c) Throwing a burning cigarette, match, or other lighted substance from any moving conveyance or throwing of same in any place where it may start a fire; and (d) Smoking on any lands, including roads, or in any buildings which have been designated and/or posted with no smoking signs.

§ 27.96 Advertising.

Except as may be authorized, posting, distributing, or otherwise displaying private or public notices, advertisements, announcements, or displays of any kind in any national wildlife refuge, other than business designations on private vehicles or boats is prohibited.

§ 27.97 Private operations.

Soliciting business or conducting a commercial enterprise on any national wildlife refuge is prohibited except as may be authorized by special permit.
PART 28—ENFORCEMENT, PENALTY, AND PROCEDURAL REQUIREMENTS FOR VIOLATIONS OF PARTS 25, 26, AND 27

Subpart A—Introduction

§28.11 Purpose of regulations.

The regulations in this part govern the enforcement, penalty and procedural requirements for violations of parts 25, 26, and 27.

Subpart B—Enforcement Authority

§28.21 General provisions.

Refuge managers and other authorized personnel are authorized pursuant to authority delegated from the Secretary and which has been published in the Federal Register (Administrative Manual 4 AM 4.2) to protect fish and wildlife and their habitat and prevent their disturbance, to protect Service lands, property, facilities, or interests therein and to insure the safety of the using public to the fullest degree possible. The control of recreational use will be enforced to meet these purposes pursuant to Federal, State, and local laws and regulations: The provisions of this subchapter C and any special regulations issued pursuant thereto; and the prohibitions and restrictions as posted.


Subpart C—Penalty Provisions

§28.31 General penalty provisions.

(a) Any person who violates any of the provisions, rules, regulations, posted signs, or special regulations of this subchapter C, or any items, conditions or restrictions in a permit, license, grant, privilege, or any other limitation established under the subchapter C shall be subject to the penalty provisions of this section.

(b) Failure of any person, utilizing the resources of any national wildlife refuge or enjoying any privilege of use thereon for any purpose whatsoever, to comply with any of the provisions, conditions, restrictions, or requirements of this subchapter C or to comply with any applicable provisions of Federal or State law may render such person liable to:


(2) [Reserved]

§28.32 Penalty provisions concerning fires and timber.

(a) Any person violating sections 1855±1856 of the Criminal Code (18 U.S.C. 1855±1856) as they pertain to fires on national wildlife refuge lands of the United States shall be subject to civil action and to the penalty provisions of the law.

(b) Any person violating sections 1852±1853 of the Criminal Code (18 U.S.C. 1852±1853) as they pertain to timber on national wildlife refuge lands of the United States shall be subject to civil action and to the penalty provisions of the law.
§ 28.41 Impoundment of abandoned property.

Any property abandoned or left unattended without authority on any national wildlife refuge for a period in excess of 72 hours is subject to removal. The expense of the removal shall be borne by the person owning or claiming ownership of the property. Such property is subject to sale or other disposal after 3 months, in accordance with section 203m of the Federal Property and Administrative Services Act of 1959, as amended (40 U.S.C. 484m), and regulations issued thereunder. Former owners may apply within 3 years for reimbursement for such property, subject to disposal and storage costs and similar expenses, upon sufficient proof of ownership.

§ 28.42 Impounding of domestic animals.

(a) Any animal trespassing on the lands of any national wildlife refuge may be impounded and disposed of in accordance with State statutes insofar as they may be applicable. In the absence of such State statutes, the animals shall be disposed of in accordance with this section.

(b) If the owner is known, prompt written notice of the impounding will be served in person with written receipt obtained or delivery by certified mail with return receipt requested. In the event of his failure to remove the impounded animal within five (5) days from receipt of such notice, it will be sold or otherwise disposed of as prescribed in this section.

(c) If the owner is unknown, no disposition of the animal shall be made until at least fifteen (15) days have elapsed from the date of a legal notice of the impounding has been posted at the county courthouse and 15 days after the second notice published in a newspaper in general circulation in the county in which the trespass took place.

(d) The notice shall state when and where the animal was impounded and shall describe it by brand or earmark or distinguishing marks or by other reasonable identification. The notice shall specify the time and place the animal will be offered at public sale to the highest bidder, in the event it is not claimed or redeemed. The notice shall reserve the right of the official conducting the sale to reject any and all bids so received.

(e) Prior to such sale, the owner may redeem the animal by submitting proof of ownership and paying all expenses of the United States for, capturing, impounding, advertising, care, forage, and damage claims.

(f) If an animal impounded under this section is offered at public sale and no bid is received or if the highest bid received is an amount less than the claim of the United States, the animal may be sold at private sale for the highest amount obtainable, or be condemned and destroyed or converted to the use of the United States. Upon the sale of any animal in accordance with this section, the buyer shall be issued a certificate of sale.

(g) In determining the claim of the Federal Government in all livestock trespass cases on national wildlife refuges, the value of forage consumed shall be computed at the commercial unit rate prevailing in the locality for that class of livestock. In addition, the claim shall include damages to national wildlife refuge property injured or destroyed, and all the related expenses incurred in the impounding, caring for and disposing of the animal. The salary of Service employees for the time spent in and about the investigations, reports, and settlement or prosecution of the case shall be prorated in computing the expense. Payment of claims due the United States shall be made by certified check or postal money order payable to the U.S. Fish and Wildlife Service.

§ 28.43 Destruction of dogs and cats.

Dogs and cats running at large on a national wildlife refuge and observed by an authorized official in the act of killing, injuring, harassing or molesting humans or wildlife may be disposed of in the interest of public safety and protection of the wildlife.
PART 29—LAND USE MANAGEMENT

Subpart A—General Rules

Sec.
29.1 Use of natural resources.
29.2 Cooperative land management.
29.3 Nonprogram uses.
29.4 [Reserved]
29.5 Fees.

Subpart B—Rights-of-Way General Regulations

29.21 Definitions.
29.21±1 Purpose and scope.
29.21±2 Application procedures.
29.21±3 Nature of interest granted.
29.21±4 Terms and conditions.
29.21±5 Construction.
29.21±6 Disposal, transfer or termination of interest.
29.21±7 Payment required.
29.21±8 Electric power transmission line rights-of-way.
29.21±9 Rights±of±way for pipelines for the transportation of oil, natural gas, synthetic liquid or gaseous fuels, or any refined product produced therefrom.
29.22 Hearing and appeals procedures.

Subpart C—Mineral Operations

29.31 Mineral ownerships in the United States.
29.32 Mineral rights reserved and excepted.


SOURCE: 31 FR 16026, Dec. 15, 1966, unless otherwise noted.

Subpart A—General Rules

§ 29.1 Use of natural resources.

Public or private economic use of the nature resources of any wildlife refuge area may be authorized in accordance with section 401 of the Act of June 15, 1935 (49 Stat. 383, 16 U.S.C., sec. 715s), where the use may contribute to or is related to the administration of the area. Economic use shall be authorized by appropriate permit only when the authorized activity on a wildlife refuge area will not be incompatible with the purposes for which the refuge was established. Persons exercising economic privileges on refuge areas will be subject to the applicable provisions of this subchapter and of other applicable laws and regulations governing wildlife refuge areas. Permits for economic use will contain such terms and conditions as are determined to be necessary for the proper administration of the resources. Economic use in this section includes but is not limited to grazing livestock; harvesting hay and stock feed; removing timber, firewood or other natural products of the soil; removing shell, sand, or gravel; cultivating areas; or engaging in operations that facilitate approved programs on wildlife refuge areas.

§ 29.2 Cooperative land management.

Cooperative agreements with persons for crop cultivation, haying, grazing, or the harvest of vegetative products, including plantlife, growing with or without cultivation on wildlife refuge areas may be executed on a share-in-kind basis when such agreements are in aid of or benefit to the wildlife management of the area.

§ 29.3 Nonprogram uses.

Uses of wildlife refuge areas that make no contribution to the primary objective of the program for an individual area or are in no way related to the objectives of the National Wildlife Refuge System are classed as nonprogram uses. Permission for such uses will be granted only when compatible with the major purposes for which such areas are established.

[36 FR 17998, Sept. 8, 1971]

§ 29.4 [Reserved]

§ 29.5 Fees.

Fees and charges for the grant of privileges on wildlife refuge areas and for the sale of products taken therefrom, where not otherwise prescribed by law or regulation, shall be set at a rate commensurate with fees and charges for similar privileges and products made by private land owners in the vicinity or in accordance with their local value. Fees or rates of charge for products and privileges may be based either on a monetary exchange or on a share in kind of the resource or product.
§ 29.21

Subpart B—Rights-of-Way General Regulations

§ 29.21 Definitions.

(a) Secretary means Secretary of the Interior or his authorized representatives acting under delegated authority.
(b) Service means U.S. Fish and Wildlife Service.
(c) Regional director means the regional director for one of the Service's seven regions.
(d) Project Manager means the officer in charge of the land under administration by the U.S. Fish and Wildlife Service.
(e) National Wildlife Refuge System land means lands and waters, or interests therein, administered by the Secretary as wildlife refuges, areas for the protection and conservation of fish and wildlife that are threatened with extinction, wildlife ranges, game ranges, wildlife management areas, or waterfowl production areas.
(f) Other lands means all other lands, or interests therein, and waters administered by the Secretary through the U.S. Fish and Wildlife Service which are not included in National Wildlife Refuge System lands, e.g., administrative sites, research stations, fish hatcheries, and fishery research stations.
(g) Compatible means that the requested right-of-way or use will not interfere with or detract from the purposes for which units of the National Wildlife Refuge System are established. The term “inconsistent” in section 28(b)(1) of the Mineral Leasing Act of 1920, as amended by Pub. L. 93-153, shall be deemed to mean a use that is not compatible, as compatible is defined herein.
(h) Department means U.S. Department of the Interior unless otherwise specified.

§ 29.21-1 Purpose and scope.

The regulations in this subpart prescribe the procedures for filing applications and the terms and conditions under which rights-of-way over and across the lands administered by the U.S. Fish and Wildlife Service may be granted.

(a) National Wildlife Refuge System lands. Applications for all forms of rights-of-way on or over such lands shall be submitted under authority of Pub. L. 89-669, (80 Stat. 926; 16 U.S.C. 668dd) as amended, or for oil and gas pipelines under section 28 of the Mineral Leasing Act of 1920 (41 Stat. 449; 30 U.S.C. 185) as amended by Pub. L. 93-153, following application procedures set out in §29.21-2. No right-of-way will be approved unless it is determined by the Regional Director to be compatible. See §29.21-8 for additional requirements applicable to rights-of-way for electric power transmission lines and §29.21-9 for additional requirements applicable to rights-of-way for pipelines for the transportation of oil, natural gas, synthetic liquid or gaseous fuels, or any refined product produced therefrom.

(b) National Wildlife Refuge System lands—easement interest. Applications for all forms of rights-of-way across lands in which the United States owns only an easement interest may be submitted to the Regional Director in letter form. No map exhibit is required, however, the affected land should be described in the letter or shown on a map sketch. If the requested right-of-way will not adversely affect the United States' interest, the Regional Director may issue a letter stating that the interest of the United States to the right-of-way easement would not be affected provided there would be no objection to a right-of-way by the fee owner. If the interest of the United States will be affected, application for the right-of-way must be submitted in accordance with procedures set out in §29.21-2.

(c) Other lands outside the National Wildlife Refuge System. Rights-of-way on or over other lands will be granted in accordance with controlling authorities cited in 43 CFR part 2800, or for oil and gas pipelines under section 28 of the Mineral Leasing Act of 1920 (41 Stat. 449; 30 U.S.C. 185) as amended by Pub. L. 93-153. See §29.21-8 for additional requirements applicable to rights-of-way for electric power transmission lines and §29.21-9 for additional requirements applicable to...
rights-of-way for pipelines for the transportation of oil, natural gas, synthetic liquid or gaseous fuels, or any other refined product produced therefrom. Applications will be submitted in accordance with procedures set out in § 29.21-2.

§ 29.21-2 Application procedures.

(a) Application. (1) No special form of application is required. The application should state the purpose for which the right-of-way is being requested together with the length, width on each side of the centerline, and the estimated acreage. Applications, including exhibits, shall be filed in triplicate with the Regional Director for the region in which the State is located. A list of States in each region and the addresses of the Regional Directors are contained in paragraph (c) of this section.

(2)(i) All applications filed pursuant to this subpart in the name of individuals, corporations, or associations must be accompanied by a nonreturnable application fee. No application fee will be required of (A) State of local governments or agencies or instrumentalities thereof except as to rights-of-way, easements or permits under section 28 of the Mineral Leasing Act of 1920, as amended by Pub. L. 93-153, or (B) Federal Government agencies.

(ii) Application fees will be in accordance with the following schedule:

<table>
<thead>
<tr>
<th>Length</th>
<th>Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 5 miles</td>
<td>$50 per mile or fraction thereof.</td>
</tr>
<tr>
<td>5 to 20 miles</td>
<td>$200</td>
</tr>
<tr>
<td>20 miles and over</td>
<td>$200 for each 20 miles or fraction thereof.</td>
</tr>
</tbody>
</table>

(B) For nonlinear facilities, $250 for each 40 acres or fraction thereof.

(ii) Within 60 days of the issuance of an easement or permit the holder must submit a nonreturnable payment in accordance with the following:

<table>
<thead>
<tr>
<th>Length</th>
<th>Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 5 miles</td>
<td>$200 per mile or fraction thereof.</td>
</tr>
<tr>
<td>5 to 20 miles</td>
<td>$200</td>
</tr>
<tr>
<td>20 miles and over</td>
<td>$200 for each 20 miles or fraction thereof.</td>
</tr>
</tbody>
</table>

(ii) By accepting an easement or permit under this subpart, the holder agrees to reimburse the United States for reasonable costs incurred by the Fish and Wildlife Service in monitoring the construction, operation, maintenance, and termination of facilities within or adjacent to the easement or permit area. No reimbursement of monitoring costs will be required of (A) State or local governments or agencies or instrumentalities thereof except as to right-of-way, easements, or permits granted under section 28 of the Mineral Leasing Act of 1920 as amended by Pub. L. 93-153, or (B) Federal Government agencies.

(E) The Regional Director shall, on request by an applicant or prospective applicant, give an estimate based on the best available cost information, of the costs which would be incurred by the United States in processing an application. However, reimbursement will not be limited to the estimate of the Regional Director if the actual costs exceed the estimate. Prospective applicants are encouraged to consult with the Regional Director in advance of filing an application in regard to probable costs and other requirements.
(B) For nonlinear facilities, $100 for each 40 acres or fraction thereof.

(C) Where an easement or permit includes both linear and nonlinear facilities, payment will be the aggregate amounts under paragraph (a)(3)(2)(i) (A) and (B) of this section.

(D) When an easement or permit is granted the Regional Director shall estimate the costs, based on the best available cost information, expected to be incurred by the United States in monitoring holder activity. If the estimated costs exceed the payments under paragraph (a)(3)(2) (ii), (A), (B), or (C) of this section by an amount which is greater than the cost of maintaining actual cost records for the monitoring process, the Regional Director shall require the holder to make periodic payments of the estimated reimbursable costs prior to the incurrence of such costs by the United States. Overpayments may be refunded or adjusted by the Regional Director as appropriate.

(E) Following the termination of an easement or permit, the former holder will be required to pay additional amounts to the extent the actual costs to the United States have exceeded the payments required by paragraphs (a)(3)(ii)(A), (B), and (C) of this section.

(4) All applications filed pursuant to this subpart must include a detailed environmental analysis which shall include information concerning the impact of the proposed use of the environment including the impact on air and water quality; scenic and esthetic features; historic, architectural, archeological, and cultural features; wildlife, fish and marine life, etc. The analysis shall include sufficient data so as to enable the Service to prepare an environmental assessment and/or impact statement in accordance with section 102(2)(C) of the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.) and comply with the requirements of the National Historic Preservation Act of 1966 (16 U.S.C. 470 et seq.), the Archeological and Historic Preservation Act of 1974 (16 U.S.C. 469 et seq.), Executive Order 11993 “Protection and Enhancement of the Cultural Environment” of May 13, 1971 (36 FR 8921), and “Procedures for the Protection of Historic and Cultural Properties” (36 CFR, part 800). Concerning the National Environmental Policy Act, the Regional Director may, at his discretion, rely on an environmental assessment or impact statement prepared by a “lead agency.”

(b) Maps. A map or plat must accompany each copy of the application and must show the right-of-way in such detail that the right-of-way can be accurately located on the ground. Ties to Service land boundary corner monuments or some prominent cultural features which can be readily recognized and recovered should be shown where the right-of-way enters and leaves Service project land together with courses and distances of the centerline. The width of the right-of-way on each side of the centerline together with the acreage included within the right-of-way or site must also be shown. If the right-of-way or site is located wholly within Service project land, a tie to a Government corner or prominent cultural feature which can be readily recognized and recovered should be shown.

(c) Regional or Area Director’s Addresses.

(1) For the States of California, Hawaii, Idaho, Nevada, Oregon and Washington:

Regional Director, U.S. Fish and Wildlife Service, Lloyd 500 Building, Suite 1692, 500 NE. Multnomah Street, Portland Oregon 97232.

(2) For the States of Arizona, New Mexico, Oklahoma, and Texas:

Regional Director, U.S. Fish and Wildlife Service, 500 Gold Avenue, P.O. Box 1306, Albuquerque, New Mexico 87103.

(3) For the States of Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin:


(4) For the States of Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Puerto Rico, and Virgin Islands:

Regional Director, U.S. Fish and Wildlife Service, Richard B. Russell, Federal Building, Suite 1200, 75 Spring Street, S.W., Atlanta, Georgia 30303.
§ 29.21-4 Terms and conditions.

(a) Any right-of-way easement or permit granted will be subject to outstanding rights, if any, in third parties.

(b) An applicant, by accepting an easement or permit agrees to such terms and conditions as may be prescribed by the Regional Director in the granting document. Such terms and conditions shall include the following, unless waived in part by the Regional Director, and may include additional special stipulations at his discretion. See § 29.21-8 for special requirements for electric powerlines and § 29.21-9 for special requirements for oil and gas pipelines.

(1) To comply with State and Federal laws applicable to the project within which the easement or permit is granted, and to the lands which are included in the right-of-way, and lawful existing regulations thereunder.

(2) To clear and keep clear the lands within the easement or permit area to the extent and in the manner directed by the project manager in charge; and to dispose of all vegetative and other material cut, uprooted, or otherwise accumulated during the construction and maintenance of the project in such a manner as to decrease the fire hazard and also in accordance with such instructions as the project manager may specify.

(3) To prevent the disturbance or removal of any public land survey monument or project boundary monument unless and until the applicant has requested and received from the Regional Director...
Director approval of measures the applicant will take to perpetuate the location of aforesaid monument.

(4) To take such soil and resource conservation and protection measures, including weed control on the land covered by the easement or permit as the project manager in charge may request.

(5) To do everything reasonably within his power, both independently and on request of any duly authorized representative of the United States, to prevent and suppress fires on or near, lands to be occupied under the easement or permit area, including making available such construction and maintenance forces as may be reasonably obtainable for the suppression of such fires.

(6) To rebuild and repair such roads, fences, structures, and trails as may be destroyed or injured by construction work and upon request by the Regional Director, to build and maintain necessary and suitable crossings for all roads and trails that intersect the works constructed, maintained, or operated under the right-of-way.

(7) To pay the United States the full value for all damages to the lands or other property of the United States caused by him or by his employees, contractors, or employees of the contractors, and to indemnify the United States against any liability for damages to life, person or property, such agency in lieu thereof agrees to repair all such damages. Where the easement or permit involves lands which are under the exclusive jurisdiction of the United States, the holder or his employees, contractors, or agents of the contractors, shall be liable to third parties for injuries incurred in connection with the easement or permit area. Grants of easements or permits involving special hazards will impose liability without fault for injury and damage to the land and property of the United States up to a specified maximum limit commensurate with the foreseeable risks or hazards presented. The amount of no-fault liability for each occurrence is hereby limited to no more than $1,000,000.

(8) To notify promptly the project manager in charge of the amount of merchantable timber, if any, which will be cut, removed, or destroyed in the construction and maintenance of the project, and to pay the United States in advance of construction such sum of money as the project manager may determine to be the full stumpage value of the timber to be so cut, removed, or destroyed.

(9) That all or any part of the easement or permit granted may be terminated by the Regional Director, for failure to comply with any or all of the terms or conditions of the grant, or for abandonment. A rebuttable presumption of abandonment is raised by deliberate failure of the holder to use for any continuous 2-year period the easement or permit for the purpose for which it was granted or renewed. In the event of noncompliance of abandonment, the Regional Director will notify in writing the holder of the easement or permit of his intention to suspend or terminate such grant 60 days from the date of the notice, stating the reasons therefor, unless prior to that time the holder completes such corrective actions as are specified in the notice. The Regional Director may grant an extension of time within which to complete corrective actions when, in his judgment, extenuating circumstances not within the holder’s control such as adverse weather conditions, disturbance to wildlife during breeding periods or periods of peak concentration, or other compelling reasons warrant. Should the holder of a right-of-way issued under authority of the Mineral Leasing Act, as amended, fail to take corrective action within the 60-day period, the Regional Director will provide for an administrative proceeding pursuant to 5 U.S.C. 554, prior to a final Departmental decision to suspend or terminate the easement or permit. In the case of all other right-of-way holders, failure to take corrective action within the 60-day period will result in a determination by the Regional Director to suspend or terminate the easement or permit. No administrative proceeding
shall be required where the easement or permit terminates under its terms.

(10) To restore the land to its original condition to the satisfaction of the Regional Director so far as it is reasonably possible to do so upon revocation and/or termination of the easement or permit, unless this requirement is waived in writing by the Regional Director. Termination also includes permits or easements that terminate under the terms of the grant.

(11) To keep the project manager informed at all times of his address, and, in case of corporations, of the address of its principal place of business and the names and addresses of its principal officers.

(12) That in the construction, operation, and maintenance of the project, he shall not discriminate against any employee or applicant for employment because of race, creed, color, or national origin and shall require an identical provision to be included in all subcontracts.

(13) That the grant of the easement or permit shall be subject to the express condition that the exercise thereof will not unduly interfere with the management, administration, or disposal by the United States of the land affected thereby. The applicant agrees and consents to the occupancy and use by the United States, its grantees, permittees, or lessees of any part of the easement of permit area not actually occupied for the purpose of the granted rights to the extent that it does not interfere with the full and safe utilization thereof by the holder. The holder of an easement or permit also agrees that authorized representatives of the United States shall have the right of access to the easement or permit area for the purpose of making inspections and monitoring the construction, operation and maintenance of facilities.

(14) That the easement or permit herein granted shall be subject to the express covenant that any facility constructed thereon will be modified or adapted, if such is found by the Regional Director to be necessary, without liability or expense to the United States, so that such facility will not conflict with the use and occupancy of the land for any authorized works which may hereafter be constructed thereon under the authority of the United States. Any such modification will be planned and scheduled so as not to interfere unduly with or to have minimal effect upon continuity of energy and delivery requirements.

(15) That the easement or permit herein granted shall be for the specific use described and may not be construed to include the further right to authorize any other use within the easement or permit area unless approved in writing by the Regional Director.

§ 29.21-5 Construction.

(a) If construction is not commenced within two (2) years after date of right-of-way grant, the right-of-way may be canceled by the Director of the U.S. Fish and Wildlife Service at his discretion.

(b) Proof of construction: Upon completion of construction, the applicant shall file a certification of completion with the Regional Director.

§ 29.21-6 Disposal, transfer or termination of interest.

(a) Change in jurisdiction over and disposal of lands. The final disposal by the United States of any tract of land traversed by a right-of-way shall not be construed to be a revocation of the right-of-way in whole or in part, but such final disposition shall be deemed and taken to be subject to such right-of-way unless it has been specifically canceled.

(b) Transfer of easement or permit. Any proposed transfer, by assignment, lease, operating agreement or otherwise, of an easement or permit must be filed in triplicate with the Regional Director and must be supported by a stipulation that the transferee agrees to comply with and be bound by the terms and conditions of the original grant. A $25 nonreturnable service fee must accompany the proposal. No transfer will be recognized unless and until approved in writing by the Regional Director.

(c) Disposal of property on termination of right-of-way. In the absence of any agreement to the contrary, the holder of the right-of-way will be allowed 6
§ 29.21-7 Payment required.

(a) Payment for use and occupancy of lands under the regulations of this subpart will be required and will be for fair market value as determined by appraisal by the Regional Director. At the discretion of the Regional Director, the payment may be a lump sum payment or an annual fair market rental payment, to be made in advance. If any Federal, State or local agency is ex-empted from such payment by and any other provision of Federal law, such agency shall otherwise compensate the Service by any other means agreeable to the Regional Director, including, but not limited to, making other land available or the loan of equipment or personnel, except that any such compen-sation shall relate to, and be con-sistent with the objectives of the Na-tional Wildlife Refuge System. The Re-gional Director may waive such re-quirement for compensation if he finds such requirement impracticable or un-necessary.

(b) When annual rental payments are used, such rates shall be reviewed by the Regional Director at any time not less than 5 years after the grant of the permit, right-of-way, or easement or the last revision of charges thereunder. The Regional Director will furnish a notice in writing to the holder of an easement or permit of intent to impose new charges to reflect fair market value commencing with the ensuing charge year. The revised charges will be effective unless the holder files an appeal in accordance with §29.22.

(c) In instances where damage to a unit of the National Wildlife Refuge System will result, the Regional Direc-tor may require mitigation measures, as determined by him, within the easement or permit area or on adjacent Service land or replacement land to make the proposed use compatible with the purposes for which the unit of the system was established. Such mitigation measures, and/or the replacement of land, are solely for the purpose of complying with the requirement of the National Wildlife Refuge System Adminis-trative Act that the use be com-patible with the purpose for which the area was established and shall be in ad-dition to the payment of fair market value.

§ 29.21-8 Electric power transmission line rights-of-way.

By accepting a right-of-way for a power transmission line, the applicant thereby agrees and consents to comply with and be bound by the following terms and conditions, except those which the Secretary may waive in a particular case, in addition to those specified in §29.21-4(b).

(a) To protect in a workmanlike manner, at crossings and at places in proximity to his transmission lines on the right-of-way authorized, in accord-ance with the rules prescribed in the National Electric Safety Code, all Gov-ernment and other telephone, tele-graph and power transmission lines from contact and all highways and rail-roads from obstruction and to main-tain his transmission lines in such manner as not to menace life or prop-erty.

(b) Neither the privilege nor the right to occupy or use the lands for the pur-pose authorized shall relieve him of any legal liability for causing induc-tive or conductive interference be-tween any project transmission line or other project works constructed, oper-ated, or maintained by him on the servient lands, and any radio installation, telephone line, or other communica-tion facilities now or hereafter con-structed and operated by the United States or any agency thereof.
§ 29.21-9 Rights-of-way for pipelines for the transportation of oil, natural gas, synthetic liquid or gaseous fuels, or any refined product produced therefrom.

(a) Application procedure. Applications for pipelines and related facilities under this section are to be filed in accordance with §29.21-2 of these regulations with the following exception:

When the right-of-way or proposed facility will occupy Federal land under the control of more than one Federal Agency and/or more than one bureau or office of the Department of the Interior, a single application shall be filed with the appropriate State Director of the Bureau of Land Management in accordance with regulations in 43 CFR part 2800.

Any portion of the facility occupying land of the National Wildlife Refuge System will be subject to the provisions of these regulations.

(b) Right-of-way grants under this section will be subject to the special requirements of section 28 of the Mineral Leasing Act of 1920 (30 U.S.C. 185), as amended, as set forth below. Gathering lines and associated structures used solely in the production of oil and gas under valid leases on the lands administered by the Fish and Wildlife Service are excepted from the provisions of this section.

(1) Pipeline safety. Rights-of-way or permits granted under this section will include requirements that will protect the safety of workers and protect the public from sudden ruptures and slow degradation of the pipeline. An applicant must agree to design, construct, and operate all proposed facilities in accordance with the provisions of parts 192 and/or 195 of title 49 of the CFR and in accordance with the Occupational Safety and Health Act of 1970, Pub. L. 91-596, including any amendments thereto.

(2) Environmental protection. An application for a right-of-way must contain environmental information required by §29.21-2(a)(4) of this subpart. If the Regional Director determines that a proposed project will have a significant effect on the environment, there must also be furnished a plan of construction, operations, and rehabilitation of the proposed facilities. In addition to terms and conditions imposed under §29.21-4, the Regional director will impose such stipulations as may be required to assure: (i) Restoration, re-vegetation and curtailment of erosion of the surface; (ii) that activities in connection with the right-of-way or permit will not violate applicable air and water quality standards in related facilities siting standards established by law; (iii) control or prevention of damage to the environment including damage to fish and wildlife habitat, public or private property, and public health and safety; and (iv) protection of the interests of individuals living in the general area of the right-of-way or permit who rely on the fish, wildlife, and biotic resources of the area for subsistence purposes.

(c) Disclosure. If the applicant is a partnership, corporation, association, or other business entity it must disclose the identity of the participants in the entity. Such disclosure shall include where applicable (1) the name and address of each partner, (2) the name and address of each shareholder owning 3 percentum or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote, and (3) the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.

(d) Technical and financial capability. The Regional Director may grant or renew a right-of-way or permit under this section only when he is satisfied that the applicant has the technical and financial capability to construct, operate, maintain and terminate the facility. At the discretion of the Regional Director, a financial statement may be required.

(e) Reimbursement of costs. In accordance with §29.21-2(a)(3) of this subpart, the holder of a right-of-way or permit must reimburse the Service for the cost incurred in monitoring the construction, operation, maintenance, and
termination of any pipeline or related facilities as determined by the Regional Director.

(f) Public hearing. The Regional Director shall give notice to Federal, State, and local government agencies, and the public, and afford them the opportunity to comment on right-of-way applications under this section. A notice will be published in the Federal Register and a public hearing may be held where appropriate.

(g) Bonding. Where appropriate the Regional Director may require the holder of a right-of-way or permit to furnish a bond, or other security satisfactory to him, to secure all or any of the obligations imposed by the terms and conditions of the right-of-way or permit or by any rule or regulation, not to exceed the period of construction plus one year or a longer period if necessary for the pipeline to stabilize.

(h) Suspension of right-of-way. If the Project Manager determines that an immediate temporary suspension of activities within a right-of-way or permit area is necessary to protect public health and safety or the environment, he may issue an emergency suspension order to abate such activities prior to an administrative proceeding. The Regional Director must make a determination and notify the holder in writing within 15 days from the date of suspension as to whether the suspension should continue and list actions needed to terminate the suspension. Such suspension shall remain in effect for only so long as an emergency condition continues.

(i) Joint use of rights-of-way. Each right-of-way or permit shall reserve to the Regional Director the right to grant additional rights-of-way or permits for compatible uses on or adjacent to rights-of-way or permit areas granted under this section after giving notice to the holder and an opportunity to comment.

(j) Common carriers. (1) Pipelines and related facilities used for the transportation of oil, natural gas, synthetic liquid or gaseous fuels, or any refined product produced therefrom shall be constructed, operated, and maintained as common carriers.

(k) Limitations on export. Any domestically produced crude oil transported by pipeline over rights-of-way granted
§ 29.32 Mineral rights reserved and excepted.

Persons holding mineral rights in wildlife refuge lands by reservation in the conveyance to the United States and persons holding mineral rights in such lands which rights vested prior to the acquisition of the lands by the United States shall, to the greatest extent practicable, conduct all exploration, development, and production operations in such a manner as to prevent damage, erosion, pollution, or contamination to the lands, waters, facilities and vegetation of the area. So far as is practicable, such operations must also be conducted without interference with the operation of the refuge or disturbance to the wildlife thereon. Physical occupancy of the area must be kept to the minimum space compatible with the conduct of efficient mineral operations. Persons conducting mineral operations on refuge areas must comply with all applicable Federal and State laws and regulations for the protection of wildlife and the administration of the area. Oil field brine, slag, and all other waste and contaminating substances must be kept in the smallest practicable area, must be confined so as to prevent escape as a result of rains and high water or otherwise, and must be removed from the area as quickly as practicable in such a manner as to prevent contamination, pollution, damage, or injury to the lands, waters, facilities, or vegetation of the refuge or to wildlife. Structures and equipment must be removed from the area when the need for them has ended. Upon the cessation of

§ 29.31 Mineral ownerships in the United States.

Where mineral rights to lands in wildlife refuge areas are vested in the United States, the provisions of 43 CFR 3101.3-3, 3109.4, 3201.1-6 and 3501.2-2 govern.

[l] State standards. The Regional Director shall take into consideration, and to the extent practical comply with, applicable State standards for right-of-way construction, operation, and maintenance.

(m) Congressional notification. The Secretary shall notify the House and Senate Committees on Interior and Insular Affairs promptly upon receipt of an application for a right-of-way for pipeline 24 inches or more in diameter, and no right-of-way for such a pipeline shall be granted until 60 days (not including days on which the House or Senate has adjourned for more than three days) after a notice of intention to grant the right-of-way together with the Secretary's detailed findings as to terms and conditions he proposes to impose, has been submitted to the Committees, unless each Committee by resolution waives the waiting period.

[44 FR 43976, July 23, 1979]

Subpart C—Mineral Operations

§ 29.32 Mineral rights reserved and excepted.

Persons holding mineral rights in wildlife refuge lands by reservation in the conveyance to the United States and persons holding mineral rights in such lands which rights vested prior to the acquisition of the lands by the United States shall, to the greatest extent practicable, conduct all exploration, development, and production operations in such a manner as to prevent damage, erosion, pollution, or contamination to the lands, waters, facilities and vegetation of the area. So far as is practicable, such operations must also be conducted without interference with the operation of the refuge or disturbance to the wildlife thereon. Physical occupancy of the area must be kept to the minimum space compatible with the conduct of efficient mineral operations. Persons conducting mineral operations on refuge areas must comply with all applicable Federal and State laws and regulations for the protection of wildlife and the administration of the area. Oil field brine, slag, and all other waste and contaminating substances must be kept in the smallest practicable area, must be confined so as to prevent escape as a result of rains and high water or otherwise, and must be removed from the area as quickly as practicable in such a manner as to prevent contamination, pollution, damage, or injury to the lands, waters, facilities, or vegetation of the refuge or to wildlife. Structures and equipment must be removed from the area when the need for them has ended. Upon the cessation of

§ 29.22 Hearing and appeals procedures.

An appeal may be taken from any final disposition of the Regional Director to the Director, U.S. Fish and Wildlife Service, and, except in the case of a denial of a right-of-way application, from the latter's decision to the Secretary of the Interior. Appeals to the Secretary shall be taken pursuant to 43 CFR part 4, subpart G.

[44 FR 43976, July 23, 1979]
operations the area shall be restored as nearly as possible to its condition prior to the commencement of operations. Nothing in this section shall be applied so as to contravene or nullify rights vested in holders of mineral interests on refuge lands.

PART 30—RANGE AND FERAL ANIMAL MANAGEMENT

Subpart A—Range Animals

Sec. 30.1 Surplus range animals.  
30.2 Disposition of surplus range animals.

Subpart B—Feral Animals

30.11 Control of feral animals.  
30.12 Disposition of feral animals.  


Subpart A—Range Animals

§ 30.1 Surplus range animals.

Range animals on fenced wildlife refuge areas, including buffalo and longhorn cattle, determined to be surplus to the needs of the conservation program may be planned and scheduled for disposal.  

[38 FR 16356, June 22, 1973]

§ 30.2 Disposition of surplus range animals.

Disposition shall be made only during regularly scheduled disposal program periods, except in the event of exigent circumstances affecting the animals, their range, or the recipient. The Refuge Manager is responsible for determining the existence of exigent circumstances.” Surplus range animals may be disposed of, subject to State and Federal health laws and regulations, by donation for specific purposes to public agencies, public institutions, other governments or charitable institutions, or sold on the open market.  


Subpart B—Feral Animals

§ 30.11 Control of feral animals.

(a) Feral animals, including horses, burros, cattle, swine, sheep, goats, reindeer, dogs, and cats, without ownership that have reverted to the wild from a domestic state may be taken by authorized Federal or State personnel or by private persons operating under permit in accordance with applicable provisions of Federal or State law or regulation.  

(b) [Reserved]

[31 FR 16027, Dec. 15, 1966]

§ 30.12 Disposition of feral animals.

Feral animals taken on wildlife refuge areas may be disposed of by sale on the open market, gift or loan to public or private institutions for specific purposes, and as otherwise provided in section 401 of the act of June 15, 1935 (49 Stat. 383, 16 U.S.C. 715).

[38 FR 16356, June 22, 1973]

PART 31—WILDLIFE SPECIES MANAGEMENT

Subpart A—Surplus Wildlife

Sec. 31.1 Determination of surplus wildlife populations.  
31.2 Methods of surplus wildlife population control and disposal.

Subpart B—Terms and Conditions of Wildlife Reduction and Disposal

31.11 Donation and loan of wildlife specimens.  
31.12 Sale of wildlife specimens.  
31.13 Commercial harvest of fishery resources.  
31.14 Official animal control operations.  
31.15 Public hunting and fishing programs.  
31.16 Trapping program.  
31.17 Disposal of furs and pelts.


SOURCE: 31 FR 16027, Dec. 15, 1966, unless otherwise noted.

Subpart A—Surplus Wildlife

§ 31.1 Determination of surplus wildlife populations.

The populations and requirements of wildlife species on wildlife refuge areas
shall be determined by population census, habitat evaluation, and other means of ecological study.

§ 31.2 Methods of surplus wildlife population control and disposal.
Upon a determination that wildlife are surplus to a balanced conservation program on any wildlife refuge area, the surplus may be reduced or utilized in accordance with Federal and State law and regulation by:
(a) Donation or loan to public agencies and institutions.
(b) Sale to public or private agencies and institutions.
(c) Commercial harvest of fishery resources.
(d) Official wildlife control operations.
(e) Public hunting or fishing.
(f) Trapping.

Subpart B—Terms and Conditions of Wildlife Reduction and Disposal

§ 31.11 Donation and loan of wildlife specimens.
Wildlife specimens may be donated or loaned to public institutions for specific purposes. Donation or loans of resident species of wildlife will not be made unless the recipient has secured the approval of the State.
[38 FR 16356, June 22, 1973]

§ 31.12 Sale of wildlife specimens.
Surplus wildlife specimens may be sold alive or butchered, dressed and processed subject to Federal and State laws and regulations and the provisions of this part.

§ 31.13 Commercial harvest of fishery resources.
Fishery resources of commercial importance on wildlife refuge areas may be taken under permit in accordance with Federal and State law and regulation.

§ 31.14 Official animal control operations.
(a) Animal species which are surplus or detrimental to the management program of a wildlife refuge area may be taken in accordance with Federal and State laws and regulations by Federal or State personnel or by permit issued to private individuals.
(b) Animal species which are damaging or destroying Federal property within a wildlife refuge area may be taken or destroyed by Federal personnel.

§ 31.15 Public hunting and fishing programs.
The privilege of hunting and fishing may be extended to the general public under the provisions of regulations cited in parts 32 and 33 of this subchapter.

§ 31.16 Trapping program.
Except as hereafter noted, persons trapping animals on wildlife refuge areas where trapping has been authorized shall secure and comply with the provisions of a Federal permit issued for that purpose. This permit shall specify the terms and conditions of trapping activity and the rates of charge or division of pelts, hides, and carcasses. Lands acquired as "waterfowl production areas" shall be open to public trapping without Federal permit provided that trapping on all or part of individual areas may be temporarily suspended by posting upon occasions of unusual or critical conditions affecting land, water, vegetation, or wildlife populations. Each person trapping on any wildlife refuge area shall possess the required State license or permit and shall comply with the provisions of State laws and regulations.
[36 FR 17998, Sept. 8, 1971]

§ 31.17 Disposal of furs and pelts.
The disposition of animals and the pelts or carcasses thereof accruing to the United States through the trapping programs shall be sold by public auction or on the open market unless required for official purposes.

PART 32—HUNTING AND FISHING

Subpart A—General Provisions
Sec. 32.1 Opening of wildlife refuge areas to hunting.
32.2 General provisions regarding hunting on areas of the National Wildlife Refuge System.
§ 32.1

32.3 Procedures for publication of refuge-specific hunting regulations.
32.4 Opening of wildlife refuge areas to fishing.
32.5 General provisions regarding fishing on wildlife refuges.
32.6 Procedures for publication of refuge-specific fishing regulations.
32.7 List of refuge units open to hunting and/or fishing.
32.8 Areas closed to hunting.

Subpart B—Refuge-Specific Regulations for Hunting and Fishing

32.20 Alabama.
32.21 Alaska.
32.22 Arizona.
32.23 Arkansas.
32.24 California.
32.25 Colorado.
32.26 Connecticut. [Reserved]
32.27 Delaware.
32.28 Florida.
32.29 Georgia.
32.30 Hawaii.
32.31 Idaho.
32.32 Illinois.
32.33 Indiana.
32.34 Iowa.
32.35 Kansas.
32.36 Kentucky.
32.37 Louisiana.
32.38 Maine.
32.39 Maryland.
32.40 Massachusetts.
32.41 Michigan.
32.42 Minnesota.
32.43 Mississippi.
32.44 Missouri.
32.45 Montana.
32.46 Nebraska.
32.47 Nevada.
32.48 New Hampshire.
32.49 New Jersey.
32.50 New Mexico.
32.51 New York.
32.52 North Carolina.
32.53 North Dakota.
32.54 Ohio.
32.55 Oklahoma.
32.56 Oregon.
32.57 Pennsylvania.
32.58 Puerto Rico. [Reserved]
32.59 Rhode Island.
32.60 South Carolina.
32.61 South Dakota.
32.62 Tennessee.
32.63 Texas.
32.64 Utah.
32.65 Vermont.
32.66 Virginia.
32.67 Washington.
32.68 West Virginia.
32.69 Wisconsin.
32.70 Wyoming.
32.71 Pacific Islands Territory.

SOURCE: 58 FR 5064, Jan. 19, 1993, unless otherwise noted.

Subpart A—General Provisions

§ 32.1 Opening of wildlife refuge areas to hunting.

The opening of a wildlife refuge area to hunting will be dependent upon the provisions of law applicable to the area and upon a determination by the Secretary that the opening of the area to the hunting of migratory game birds, upland game, or big game will be compatible with the principles of sound wildlife management and will otherwise be in the public interest. The opening or closing of wildlife refuge areas to hunting shall be in accordance with the rulemaking requirements of the Administrative Procedure Act (5 U.S.C. 553). Lands acquired pursuant to the Act of May 18, 1948 (62 Stat. 238, 16 U.S.C. 695) will be opened to hunting only after it has been determined that the major portion of the crops in the vicinity of the area involved have been harvested, that the period of susceptibility of such crops to wildfowl depredation has passed, or that the possibility of these crops being damaged by waterfowl is minor. Lands acquired as “waterfowl production areas” shall annually be open to the hunting of migratory game birds, upland game, and big game subject to the provisions of State law and regulations and the pertinent provisions of parts 25 through 31 of this subchapter:

Provided, That all forms of hunting or entry on all or any part of individual areas may be temporarily suspended by posting upon occasions of unusual or critical conditions of, or affecting land, water, vegetation, or wildlife populations.

§ 32.2 General provisions regarding hunting on areas of the National Wildlife Refuge System.

The following provisions shall apply to each person while engaged in public hunting on areas of the National Wildlife Refuge System:

(a) Each person shall secure and possess the required State license.
(b) Each person 16 years of age and older shall secure and possess a Migratory Bird Hunting Stamp while hunting migratory waterfowl.

(c) Each person shall comply with the applicable provisions of Federal law and regulations including this subchapter and the current Federal Migratory Bird Regulations.

(d) Each person shall comply with the applicable provisions of the laws and regulations of the State wherein any area is located unless further restricted by Federal law or regulation.

(e) Each person shall comply with the terms and conditions authorizing access or use of wildlife refuges, including the terms and conditions under which hunting permits are issued.

(f) Each person shall comply with the provisions of any refuge-specific regulations governing hunting on the wildlife refuge area. Regulations, special conditions and maps of the hunting areas for a particular wildlife refuge are available at that area’s headquarters.

(g) The use of any drug on any arrow for bow hunting on national wildlife refuges is prohibited. Archers may not have arrows employing such drugs in their possession on any national wildlife refuge.

(h) The unauthorized distribution of bait and the hunting over bait is prohibited on wildlife refuge areas. (Baiting is authorized in accordance with State regulations on national wildlife refuges in Alaska).

(i) The use of nails, wire, screws or bolts to attach a stand to a tree, or hunting from a tree into which a metal object has been driven to support a hunter is prohibited on wildlife refuge areas.

(j) The use or possession of alcoholic beverages while hunting is prohibited.


§ 32.3 Procedures for publication of refuge-specific hunting regulations.

(a) Refuge-specific hunting regulations are issued only at the time of or after the determination and publication of the opening of a wildlife refuge area to migratory game bird, upland game or big game hunting.

(b) Refuge-specific hunting regulations may contain the following items:

(1) Wildlife species that may be hunted;

(2) Seasons;

(3) Bag limits;

(4) Methods of hunting;

(5) Description of areas open to hunting; or

(6) Other provisions as required.

(c) Refuge-specific hunting regulations will not liberalize existing State laws or regulations.

(d) Refuge-specific hunting regulations are subject to change and the public is invited to submit suggestions and comments for consideration at any time.

(e) Refuge-specific hunting regulations are initially published in the Federal Register and subsequently appear in 50 CFR 32.20 through 32.71.

(f) Refuge-specific hunting regulations may be amended or new conditions imposed at any time during the hunting season when unpredictable changes occur in wildlife populations, habitat conditions or in other factors affecting a refuge’s wildlife resources. Changes in refuge-specific hunting regulations made under the conditions noted in this paragraph (f) can be in force only for the one season to which the changes apply.
§ 32.4 Opening of wildlife refuge areas to fishing.

Wildlife refuge areas may be opened to sport fishing only after a determination is made that this activity is compatible with the purposes for which the refuge was established. In addition, the sport fishing program must be consistent with principles of sound fishery management and otherwise be in the public interest. The opening or closing of wildlife refuge areas to fishing is subject to the rulemaking requirements of the Administrative Procedure Act (5 U.S.C. 551 et seq.). Lands acquired as “waterfowl production areas” are open to sport fishing subject to the provisions of State laws and regulations and the pertinent provisions of parts 25 through 31 of this subchapter. Provided, that fishing or entry on all or any part of individual areas may be temporarily suspended by posting upon occasions of unusual or critical conditions of, or affecting, land, water, vegetation or fish and wildlife populations.

§ 32.5 General provisions regarding fishing on wildlife refuges.

The following provisions shall apply to each person while engaged in public sport fishing on a wildlife refuge area:

(a) Each person shall secure and possess the required State license.

(b) Each person shall comply with the applicable provisions of Federal law and regulation including this subchapter.

(c) Each person shall comply with the applicable provisions of the laws and regulations of the State wherein any area is located unless the same are further restricted by Federal law or regulation.

(d) Each person shall comply with the terms and conditions authorizing access and use of the wildlife refuge area.

(e) Each person shall comply with the provisions of any refuge-specific regulation governing fishing on the wildlife refuge area. Regulations for a particular wildlife refuge are available at its headquarters office. In addition, refuge-specific fishing regulations appear in §§ 32.20 through 32.71.

§ 32.6 Procedures for publication of refuge-specific fishing regulations.

(a) Refuge-specific fishing regulations are issued only at the time of or after the opening of a wildlife refuge area to sport fishing.

(b) Refuge-specific fishing regulations may contain the following items:

(1) Fish species that may be taken;
(2) Seasons;
(3) Creel limits;
(4) Methods of fishing;
(5) Description of areas open to fishing; or
(6) Other provisions as required.

(c) Refuge-specific fishing regulations will not liberalize existing State laws or regulations.

(d) Refuge-specific fishing regulations are subject to change and the public is invited to submit suggestions and comments for consideration at any time.

(e) Refuge-specific fishing regulations are initially published in the daily issue of the Federal Register and appear subsequently in §§ 32.20-32.71 of this part.

(f) Refuge-specific fishing regulations may be amended as needed when unpredictable changes occur in fish and wildlife populations, habitat conditions or in other factors affecting a refuge’s fish and wildlife resources.

§ 32.7 List of refuge units open to hunting and/or fishing.

Refuge units open to hunting and/or fishing in accordance with the provisions of subpart A of this part and §§ 32.20-32.71, inclusive, are as follows:

**Alabama**
Blowing Wind Cave National Wildlife Refuge
Bon Secour National Wildlife Refuge
Choctaw National Wildlife Refuge
Eufaula National Wildlife Refuge
Key Cave National Wildlife Refuge
Wheeler National Wildlife Refuge

**Alaska**
Alaska Maritime National Wildlife Refuge
Alaska Peninsula National Wildlife Refuge
Arctic National Wildlife Refuge
Becharof National Wildlife Refuge
Innoko National Wildlife Refuge
Izembek National Wildlife Refuge
Kenai National Wildlife Refuge
Kodiak National Wildlife Refuge

614
<table>
<thead>
<tr>
<th>State</th>
<th>National Wildlife Refuges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorado</td>
<td>Alamosa National Wildlife Refuge, Arapahoe National Wildlife Refuge, Browns Park National Wildlife Refuge, Monte Vista National Wildlife Refuge, Rocky Mountain Arsenal</td>
</tr>
<tr>
<td>Connecticut</td>
<td>[Reserved]</td>
</tr>
<tr>
<td>Delaware</td>
<td>Bombay Hook National Wildlife Refuge, Prime Hook National Wildlife Refuge</td>
</tr>
<tr>
<td>Hawaii</td>
<td>Hakalau Forest National Wildlife Refuge, Hanalei National Wildlife Refuge, Kakahaia National Wildlife Refuge</td>
</tr>
<tr>
<td>Illinois</td>
<td>Chautauqua National Wildlife Refuge, Crab Orchard National Wildlife Refuge, Cypress Creek National Wildlife Refuge, Emiquon National Wildlife Refuge, Mark Twain National Wildlife Refuge, Meredithia National Wildlife Refuge, Upper Mississippi River Wildlife and Fish Refuge</td>
</tr>
<tr>
<td>Indiana</td>
<td>Muscatatuck National Wildlife Refuge, Patoka River National Wildlife Refuge and Management Area</td>
</tr>
<tr>
<td>Iowa</td>
<td>De Soto National Wildlife Refuge, Driftless Area National Wildlife Refuge, Mark Twain National Wildlife Refuge, Union Slough National Wildlife Refuge, Upper Mississippi River Wild Life and Fish Refuge</td>
</tr>
</tbody>
</table>
§ 32.7

Walnut Creek National Wildlife Refuge

KANSAS

Flint Hills National Wildlife Refuge
Kirwin National Wildlife Refuge
Quivira National Wildlife Refuge

KENTUCKY

Ohio River Islands National Wildlife Refuge
Reelfoot National Wildlife Refuge

LOUISIANA

Atchafalaya National Wildlife Refuge
Bayou Cocomie National Wildlife Refuge
Bayou Sauvage National Wildlife Refuge
Big Branch Marsh National Wildlife Refuge
Black Bayou Lake National Wildlife Refuge
Bogue Chitto National Wildlife Refuge
Breton National Wildlife Refuge
Cameron Prairie National Wildlife Refuge
Catahoula National Wildlife Refuge
D’Arbonne National Wildlife Refuge
Delta National Wildlife Refuge
Grand Cote National Wildlife Refuge
Lacassine National Wildlife Refuge
Lake Ophelia National Wildlife Refuge
Mandala National Wildlife Refuge
Sabine National Wildlife Refuge
Tensas River National Wildlife Refuge
Upper Ouachita National Wildlife Refuge

MAINE

Moosehorn National Wildlife Refuge
Rachel Carson National Wildlife Refuge
Sunkhaze Meadows National Wildlife Refuge

MARYLAND

Blackwater National Wildlife Refuge
Eastern Neck National Wildlife Refuge
Patuxent Research Refuge

MASSACHUSETTS

Great Meadows National Wildlife Refuge
Monomoy National Wildlife Refuge
Nantucket National Wildlife Refuge
Oxbow National Wildlife Refuge
Parker River National Wildlife Refuge

MICHIGAN

Harbor Island National Wildlife Refuge
Kirtland’s Warbler National Wildlife Refuge
Seney National Wildlife Refuge
Shiawassee National Wildlife Refuge

MINNESOTA

Agassiz National Wildlife Refuge
Big Stone National Wildlife Refuge
Fergus Falls Wetland Management District
Minnesota Valley National Wildlife Refuge
Morris Wetland Management District
Rice Lake National Wildlife Refuge
Rydell National Wildlife Refuge
Sherburne National Wildlife Refuge
Tamarac National Wildlife Refuge

MISSISSIPPI

Upper Mississippi River Wild Life and Fish Refuge
Windom Wetland Management District

MONTANA

Benton Lake National Wildlife Refuge
Black Coulee National Wildlife Refuge
Bowdoin National Wildlife Refuge
Charles M. Russell National Wildlife Refuge
Creede Road National Wildlife Refuge
Hailstone National Wildlife Refuge
Halfbreed Lake National Wildlife Refuge
Hewitt Lake National Wildlife Refuge
Lake Mason National Wildlife Refuge
Lake Thibadeau National Wildlife Refuge
Lameastear National Wildlife Refuge
Lee Metcalf National Wildlife Refuge
Medicine Lake National Wildlife Refuge
National Bison National Wildlife Refuge
Nine-Pipe National Wildlife Refuge
Pablo National Wildlife Refuge
Red Rock Lakes National Wildlife Refuge
Swan River National Wildlife Refuge
UL Bend National Wildlife Refuge
War Horse National Wildlife Refuge

NEBRASKA

Boyer Chute National Wildlife Refuge
Crescent Lake National Wildlife Refuge
De Soto National Wildlife Refuge
Fort Niobrara National Wildlife Refuge
North Platte National Wildlife Refuge

NEVADA

Nevada National Wildlife Refuge

NEW HAMPSHIRE

Great Bay National Wildlife Refuge
<table>
<thead>
<tr>
<th>State</th>
<th>National Wildlife Refuges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ohio</td>
<td>Cedar Point National Wildlife Refuge, Ottawa National Wildlife Refuge</td>
</tr>
<tr>
<td>New York</td>
<td>Erie National Wildlife Refuge, John Heinz National Wildlife Refuge at Tinicum, Ohio River Islands National Wildlife Refuge</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>(Reserved)</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>Block Island National Wildlife Refuge, Ninigret National Wildlife Refuge, Pettaquamscutt Cove National Wildlife Refuge, Sachuest Point National Wildlife Refuge, Trustom Pond National Wildlife Refuge</td>
</tr>
<tr>
<td>Texas</td>
<td>Anahuac National Wildlife Refuge</td>
</tr>
</tbody>
</table>
§ 32.8 Areas closed to hunting.

50 CFR Ch. I (10-1-98 Edition)

Aranas National Wildlife Refuge
Balcones Canyonlands National Wildlife Refuge
Big Boggy National Wildlife Refuge
Brazoria National Wildlife Refuge
Buffalo Lake National Wildlife Refuge
Hagerman National Wildlife Refuge
Laguna Atascosa National Wildlife Refuge
McFaddin National Wildlife Refuge
San Bernard National Wildlife Refuge
Texas Point National Wildlife Refuge

WASHINGTON
Columbia National Wildlife Refuge
Conboy Lake National Wildlife Refuge
Dungeness National Wildlife Refuge
Julia Butler Hansen Refuge for the Columbia White-tailed Deer
Little Pend Oreille National Wildlife Refuge
McNary National Wildlife Refuge
Nisqually National Wildlife Refuge

VERMONT
Missiquoi National Wildlife Refuge

VIRGINIA
Back Bay National Wildlife Refuge
Chincoteague National Wildlife Refuge
Eastern Shore of Virginia National Wildlife Refuge

WASHINGTON
Columbia National Wildlife Refuge
Conboy Lake National Wildlife Refuge
Dungeness National Wildlife Refuge
Julia Butler Hansen Refuge for the Columbia White-tailed Deer
Little Pend Oreille National Wildlife Refuge
McNary National Wildlife Refuge
Nisqually National Wildlife Refuge

Proclamations and orders

<table>
<thead>
<tr>
<th>No.</th>
<th>Date</th>
<th>State</th>
<th>Land and waters within boundary and adjacent to, or in the vicinity of—</th>
<th>Citation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2274</td>
<td>Mar. 15, 1938</td>
<td>...</td>
<td>White River National Wildlife Refuge</td>
<td>3 FR 591.</td>
</tr>
<tr>
<td>2274</td>
<td>Oct. 20, 1960</td>
<td>...</td>
<td>...</td>
<td>25 FR 10030.</td>
</tr>
<tr>
<td>2239</td>
<td>Nov. 3, 1970</td>
<td>...</td>
<td>...</td>
<td>35 FR 16936.</td>
</tr>
<tr>
<td>2748</td>
<td>Sept. 9, 1953</td>
<td>...</td>
<td>...</td>
<td>18 FR 5495.</td>
</tr>
</tbody>
</table>

§ 32.8 Areas closed to hunting.
U.S. Fish and Wildlife Serv., Interior § 32.20

Subpart B—Refuge-Specific Regulations for Hunting and Fishing

§ 32.20 Alabama.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BLOWING WIND CAVE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following condition: Sauty Creek Wildlife Management Area regulations apply.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

BON SECOUR NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted only from sunrise to sunset.
2. Only nonmotorized boats and boats with electric motors are permitted on Gator and Little Gator Lakes.

CHOCTAW NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of squirrel, rabbit, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of whitetailed deer and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing, boating and public access are permitted only from one-half hour before sunrise to one-half hour after sunset.
2. Fishing is permitted year-round unless otherwise marked by signs as closed to public entry or fishing.
3. Only fish, according to State regulations, may be taken or possessed. Bowfishing is not permitted.
4. Taking, possessing, or attempting to take frogs and turtles is prohibited.
5. The use of trotlines, snag lines, soap lines, set lines, drops, gigs and jugs is not permitted.
6. Entry and use of airboats, hovercraft, and personalized watercraft such as jet skis, watercycles or waterbikes are prohibited.
7. All gill nets must be actively attended at all times.
8. A refuge permit is required for commercial fishing of all nets, traps, baskets, boxes and seine used in refuge waters. Information on harvest data is required.

EUFALA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and mourning doves is permitted on designated areas of the refuge...
§ 32.21

subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunters may hunt rabbit and squirrel on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Anglers may fish, frog and trap turtles on designated areas of the refuge subject to the following conditions:

1. Fishermen may fish, including bowfishing, only during daylight hours in refuge impoundments and waters other than the Walter F. George Reservoir.
2. Fishermen may not frog or trap turtles in impounded waters not contiguous with the Walter F. George Reservoir.
3. Creel, possession, and size limit for Walter F. George Reservoir apply to all impounded refuge waters.
4. Reciprocal license agreements between Alabama and Georgia only apply to waters contiguous with the Walter F. George Reservoir. Anglers fishing in refuge impoundments must possess a license for the state in which they are fishing.

KEY CAVE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt mourning doves on designated portions of the refuge subject to the following condition: Refuge permits required.

B. Upland Game Hunting. Hunting of quail and cottontail rabbit is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters shall possess and use, while in the field, only nontoxic shot.
2. Only shotguns are permitted.
3. Hunting of cottontail rabbits is permitted from September 1 to the close of the State quail season.

C. Big Game Hunting. Hunting of desert bighorn sheep is permitted on designated areas of the refuge.

D. Sport Fishing. Sport fishing is permitted in designated areas.

BUENOS AIRES NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and mourning and white-winged doves is permitted on designated areas of the refuge.

B. Upland Game Hunting. Hunting of quail and cottontail rabbit is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters shall possess and use, while in the field, only nontoxic shot.
2. Only shotguns are permitted.
3. Hunting of cottontail rabbits is permitted from September 1 to the close of the State quail season.
4. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Legal weapon is shotgun only.

C. Big Game Hunting. Hunting of desert bighorn sheep is permitted on designated areas of the refuge.

D. Sport Fishing. Sport fishing is permitted in designated areas.
§ 32.22

B. Upland Game Hunting. Hunting of cottontail rabbit, coyote, and skunks is permitted on designated areas of the refuge.
C. Big Game Hunting. Hunting of mule and white-tailed deer, javelina and feral hogs is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

CABEZA PRIETA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of desert big-horn sheep is permitted on designated areas of the refuge subject to the following conditions: Entry permits are required.
D. Sport Fishing. [Reserved]

CIBOLA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens, common snipe, mourning and white-winged dove is permitted on designated areas of the refuge subject to the following conditions:
1. Only shotguns are permitted.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Special Use Permits are required for all hunting guides.
4. Hunters must pay a hunt fee in a portion of the refuge. Consult refuge hunting leaflet for location.
5. Pit or permanent blinds are not permitted.
6. Hunting in a portion of farm unit 2 closes at 12 p.m. each day. Consult refuge hunting leaflet for location.
7. Temporary blinds, boats, and decoys must be removed from the refuge following each day’s hunt.
8. Hunting is not permitted within 50 yards of any road or levee.
9. Waterfowl hunting requires the use of decoys on farm unit 2. Daily removal of decoys from the refuge required.
10. Waterfowl hunters are limited to 10 shells per day in Farm Unit 2.
11. During the Arizona waterfowl season, Farm Unit 2 is closed to dove hunting until noon each day.
12. In Farm Unit 2, waterfowl hunters must remain within 50 feet of designated station while hunting except when actively retrieving downed birds.
13. The Hart Mine Marsh Area opens to hunting only between 10 a.m. and 3 p.m. daily, during goose season.
B. Upland Game Hunting. Hunting of quail and cottontail rabbit is permitted on designated areas of the refuge subject to the following conditions:
1. Only shotguns and bows and arrows are permitted.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Hunters may hunt cottontail rabbit from September 1 through the last day of the respective State’s quail season.
4. During the Arizona waterfowl season, hunters may not hunt quail and rabbit in Farm Unit 2 until 12 p.m. each day.
5. Hunters may not hunt within 50 yards of any road or levee.
C. Big Game Hunting. Hunting of mule deer is permitted on designated areas of the refuge subject to the following condition: During the waterfowl season, hunting of deer is not permitted on farm Unit 2 before 12 p.m. each day.
D. Sport Fishing. Fishing and frogging are permitted subject to the following conditions:
1. Anglers may fish and frog in Cibola Lake only from March 15 through Labor Day.

HAVASU NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of mourning and white-winged doves, ducks, coots, moorhens, geese and common snipe is permitted on designated areas of the refuge subject to the following conditions:
1. Neither hunters nor dogs may enter closed areas to retrieve game.
2. Pits and permanent blinds are not permitted.
3. Hunters shall possess and use, while in the field, only nontoxic shot.
4. During the Arizona waterfowl season, hunting of deer is not permitted on farm Unit 2 before 12 p.m. each day.
C. Big Game Hunting. Hunting of desert big-horn sheep is permitted on designated areas of the refuge with a valid State permit.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions: Designated portions of the Topock Marsh are closed to all entry from October 1 through January 31.
§ 32.23

IMPERIAL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of mourning and white-winged doves, ducks, coot, moorhens, geese and common snipe is permitted on designated areas of the refuge subject to the following conditions:
1. Pits and permanent blinds are not allowed.
2. Temporary blinds, boats and decoys must be removed from the refuge following each day's hunt.
3. Hunters shall possess and use, while in the field, only nontoxic shot.
B. Upland Game Hunting. Hunting of quail, cottontail rabbit, coyote, and fox is permitted on designated areas of the refuge subject to the following conditions:
1. Allowed methods of take for quail and cottontail rabbit are shotgun and bow and arrow.
2. Nontoxic shot is required for hunting quail and cottontail rabbit.
3. Cottontail rabbit hunting is permitted September 1 to the close of the State quail season.
4. Permits are required for hunting coyote, bobcat and fox.
5. Coyote and fox hunting is permitted only during the State general deer season.
C. Big Game Hunting. Hunting of mule deer and desert bighorn sheep is permitted on designated areas of the refuge.
D. Sport Fishing. Fishing and frogging for

KOFA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of quail and cottontail rabbits is permitted on designated areas of the refuge subject to the following conditions:
1. Only shotguns are permitted.
2. Cottontail rabbit season shall open on September 1 and close on the last day of the State quail season.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

BALD KNOB NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to the following condition:
1. Hunters must possess a refuge permit.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge subject to the following condition:
1. Hunters must possess a refuge permit.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to the following condition:
1. Hunters must possess a refuge permit.
D. Sport Fishing. Fishermen may fish and frog on designated areas of the refuge subject to the following conditions:
1. Fishermen may fish and frog only during published refuge open seasons and in accordance with refuge regulations.
2. Fishermen must adhere to all applicable State fishing and frogging regulations.

BIG LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of squirrels, rabbit, raccoon, beaver and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
D. Sport Fishing. Fishing and frogging are permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted from March 1 through October 31 with the following exceptions: Bank fishing is permitted at any time in the area around Floodway Dam south of the Highway 18 bridge, and fishing only from sunrise to sunset from nonmotorized boats

SAN BERNARDINO NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
and boats with electric motors is permitted in the Sand Slough-Mud Slough Area from November 1 through the end of February.

2. The use of limb lines and toxic chemical containers for jug fishing is not permitted.

3. The ends of trotlines must consist of a length of cotton line that extends from the points of attachment into the water.

4. Boats may be launched only in designated areas.

5. ATVs and airboats are prohibited.

6. Frogging is permitted from the beginning of the State frogging season through October 31. The use of archery equipment for taking frogs is not permitted.

7. The taking of largemouth bass is permitted in accordance with the posted length and/or slot limits.

CACHE RIVER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks, snow geese, coots, woodcock, snipe, and mourning doves is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of quail, rabbit, squirrel, raccoon, opossum and beaver is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer, turkey, and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

3. Anglers may bowfish only from August 1 through October 31 only on that part of the old river channel that connects to the Arkansas River channel.

FELSENTHAL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks, snow geese, coots, woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of quail, squirrel, rabbit, raccoon, opossum, beaver, nutria, and coyote is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer, turkey, and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Fishing, frogging and the taking of turtles and crawfish are permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is not permitted in the waterfowl sanctuary area during the waterfowl hunting season with the exception of the main channel of the Ouachita River and the borrow pits along Highway 82.

2. The ends of trotlines must consist of a length of cotton line that extends from the points of attachment into the water.

HOLLA BEND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of raccoon, opossum, squirrel, rabbit, beaver and coyote is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Fishing, boating and frogging are permitted subject to the following conditions:

1. Fishing and boating in all waters from March 1 through October 31 only from 1/2 hour before sunrise to 1/2 hour after sunset.

2. Frogging from April 15 through October 31 only on that part of the old river channel that connects to the Arkansas River channel.

3. Anglers may bowfish only from August 1 through August 31 subject to State bowfishing regulations. Only bowfishing
A. Hunting of Migratory Game Birds. Hunting of ducks, coots and woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of quail, squirrel, rabbit, raccoon, opossum, beaver, nutria, and coyote is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer, turkey, and feral hogs is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted from March 15 through September 30 only from sunrise to sunset.
2. The use of live carp, shad, buffalo, and goldfish for bait is not permitted.
3. The use of yo-yos, jugs, drops, trotlines and all commercial fishing tackle is not permitted.
4. Big Creek and Ditch 8 are closed to fishing.
5. The taking of largemouth bass is permitted in accordance with the posted length and/or slot limits.

WHITE RIVER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of squirrel, rabbit, beaver, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted year-round in LaGrue, Essex, Prairie, and Brooks Bayous, Big Island Chute, Moon Lake and Belknap Lake next to Arkansas Highway 1. Indian Bay, the Arkansas Post Canal and adjacent drainage ditches, those borrow ditches located adjacent to the West bank of that portion of the White River Levee north of the Arkansas Power and Light Company power line right-of-way, and all refuge owned waters located North of Arkansas Highway 1.
2. A permit is required for the use of any fishing tackle other than hook and line.
3. Trotlines must be reset when receding water levels expose them and cannot be left unattended. The ends of trotlines must consist of a length of cotton line that extends from the points of attachment into the water.
4. Frogging is permitted on all refuge owned waters open for sport fishing as follows: South of Arkansas Highway 1, frogging is permitted from the beginning of the State season through November 30; North of Arkansas Highway 1, frogging is permitted for the entire State season. The use of bow and arrow for taking bullfrogs is prohibited.
5. The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

CIBOLA NATIONAL WILDLIFE REFUGE

Refer to §32.22 Arizona for regulations.

CLEAR LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens, and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Air-thrust and inboard waterthrust boats are not permitted.
2. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of pronghorn antelope is permitted on the controlled “U” Unit of the refuge subject to the following conditions:

1. Hunters may hunt only in the unit for nine (9) consecutive days beginning on the first Saturday following the third Wednesday in August.
2. Access to the unit is permitted only through the gate located on Clear Lake Road.

D. Sport Fishing. [Reserved]
§ 32.24

COLUSA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
2. Hunters may not possess more than 25 shells while in the field.
3. Access to the hunt area is by foot traffic only. Bicycles and other conveyances are not permitted.

B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:

1. Access to the hunt area is by foot traffic only.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Hunters may not possess more than 25 shells while in the field.
4. Hunters may not possess more than 25 shells while in the field.

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

DELEVAN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Firearms must be unloaded while being transported between parking areas and spaced blind areas.
2. Snipe hunting is not permitted in the spaced blind area.
3. Hunters assigned to the spaced blind area are restricted to within 100 feet of their assigned hunt site except for retrieving downed birds, placing decoys, or traveling to and from the area.
4. Access to the hunt area is by foot traffic only. Bicycles and other conveyances are not permitted.
5. Hunters may not possess more than 25 shells while in the field.

B. Upland Game Hunting. Hunting of pheasant is permitted only in the free roam areas of the refuge subject to the following conditions:

1. A special one-day pheasant hunt is permitted in the spaced blind unit on the first Monday after the opening of the State pheasant hunting season.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Access to the hunt area is by foot traffic only. Bicycles and other conveyances are not permitted.
4. Hunters may not possess more than 25 shells while in the field.

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted during daylight hours only from February 15 through October 1.

HUMBOLDT BAY NATIONAL WILDLIFE REFUGE

Refer to §32.22 Arizona for regulations.

HAVASU NATIONAL WILDLIFE REFUGE

Refer to §32.22 Arizona for regulations.

KERN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and moorhens is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters assigned to the spaced blind unit must travel to and from parking areas and blind sites with firearms unloaded.
2. Hunters assigned to the spaced blind unit must remain within 100 feet of the numbered steel post (blind site) except when pursuing cripples, placing decoys or traveling to and from the parking area.
3. Hunters may not possess more than 25 shells while in the field.
4. Hunters must park in assigned lots.
5. Only nonmotorized boats are permitted.

B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:

1. Pheasant hunting is only permitted in the free roam unit.
2. Hunters shall possess and use, while in the field, only non-toxic shot.

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

IMPERIAL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and moorhens is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters assigned to the spaced blind unit must travel to and from parking areas and blind sites with firearms unloaded.
2. Hunters assigned to the spaced blind unit must remain within 100 feet of the numbered steel post (blind site) except when pursuing cripples, placing decoys or traveling to and from the parking area.
3. Hunters may not possess more than 25 shells while in the field.
4. Hunters must park in assigned lots.
5. Only nonmotorized boats are permitted.

B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:

1. Pheasant hunting is only permitted in the free roam unit.
2. Hunters shall possess and use, while in the field, only non-toxic shot.

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

LOWER KLAMATH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. In the controlled waterfowl hunting area, entry permits are required for the first 2 days of the waterfowl season for all hunters 16 years of age or older. Hunters under the age of 16 hunting in the controlled area must

625
be accompanied by an adult with a permit. Advance reservations are required for the first 2 days of the hunt.

2. Shooting hours end at 1:00 p.m. daily on all California portions of the refuge, except that up to three one-day special youth or disabled hunter hunts per season may be designated by the refuge manager after 1:00 p.m.

3. Only unloaded firearms may be carried on hunter access routes open to motor vehicles or when taken through posted retrieving zones when traveling to and from the hunting areas.

4. Decoys may not be set in retrieving zones.

5. Air-thrust and inboard waterthrust boats are not permitted.

6. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

7. Hunters may only use nonmotorized boats and boats with electric motors on units 4b and 4c from the start of hunting season through November 30. Hunters may use motorized boats on units 4b and 4c from December 1 through the end of hunting season.

B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:

1. A special one-day only, pheasant hunt is permitted in the spaced blind area on the first Monday after the opening of the State pheasant hunting season.

2. Hunters shall possess and use, while in the field, only nontoxic shot.

3. Hunters assigned to the spaced blind unit are restricted to the assigned blind except for retrieving downed birds, placing decoys or traveling to and from the parking area.

4. Hunters must hunt from assigned blinds except when shooting to retrieve crippled birds.

5. Hunters may not possess more than 25 shells while in the field.

6. Access to the hunt area is by foot traffic only. Bicycle and other conveyances are not permitted.

7. Access to the hunt area is by foot traffic only. Bicycle and other conveyances are not permitted.

C. Big Game Hunting.

§ 32.24

1. A permit issued by the refuge to hunters with advance reservations only is required for the first weekend.

2. After the first weekend of the open season, hunting is permitted only on Tuesdays, Thursdays, and Saturdays. Hunters must check in and out of the refuge by use of self-service permits.

3. In the designated spaced blind area, hunters must remain within 50 feet of the established blind stake for the blind assigned to them.

4. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

5. Hunters may not possess more than 25 shells after leaving the parking area.

6. Access to the hunt area is by foot traffic only. Bicycle and other conveyances are not permitted.

7. Hunters assigned to the spaced blind unit are restricted to the assigned blind except for retrieving downed birds, placing decoys, or traveling to and from the parking area.

8. Hunters may not possess more than 25 shells while in the field.

9. Access to the hunt area is by foot traffic only. Bicycle and other conveyances are not permitted.
§ 32.24

4. Hunters may not possess more than 25 shells while in the field.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

SALINAS RIVER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, and moorhens is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters using the Union Tract must use goose decoys.
2. Hunters must hunt from assigned blinds on the Union Tract and within 100 feet (.9144 meters) of blind sites on the Hazard Tract, except when shooting to retrieve crippled birds.
3. Firearms must be unloaded while being transported between parking areas and blind sites.
4. Hunters may not possess more than 25 shells while in the field.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

SALTON SEA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, and moorhens is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters using the Union Tract must use goose decoys.
2. Hunters must hunt from assigned blinds on the Union Tract and within 100 feet (.9144 meters) of blind sites on the Hazard Tract, except when shooting to retrieve crippled birds.
3. Firearms must be unloaded while being transported between parking areas and blind sites.
4. Hunters may not possess more than 25 shells while in the field.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing from designated shoreline trail fishing areas and from the Dumbarton Pier is permitted during the hours posted at the pier and refuge headquarters.
2. Fishing and all other public entry is not permitted in the entire Mowry Slough from March 15 through June 15.
3. The upper reaches of Mallard Slough are closed to fishing and all other entry from March 1 through August 31.

SAN LUIS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, and moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters may use only portable blinds and temporary blinds constructed of natural materials in the free-roam hunting area.
2. Hunters must remove all portable blinds, decoys, and other personal equipment from the refuge following each day’s hunt.
3. Hunters may snipe hunt only within the free-roam portion of the San Luis unit’s waterfowl hunting area. Snipe hunters may only possess and use nontoxic shot.
4. In areas where the refuge limits hunter numbers through a daily permit process, hunters may not possess more than 25 shells while in the field.
5. Vehicles may stop only at designated parking areas. Dropping of passengers or equipment, or stopping between designated parking areas is prohibited.
6. Hunters may not transport loaded firearms. This includes walking or bicycling between parking areas and spaced blind areas, or while traveling in a boat under power.
7. Refuge restricts hunters, in the spaced blind area, to their original assigned blind except when they are placing decoys, traveling to and from the parking area, retrieving downed birds, or when shooting to retrieve crippled birds.
8. Access to Salt Slough Unit free-roam hunting area is by boat only with a maximum speed limit of 5 mph. Prohibited boats include air-thrust and/or inboard water-thrust types.
B. Upland Game Hunting. Hunting of pheasants is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters shall possess and use, while in the field, only nontoxic shotshells (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
2. Hunters may not possess more than 25 shotshells while in the field.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted only from ½ hour before sunrise to ½ hour after sunset.
§ 32.25

2. Only the use of pole and line or rod and reel is permitted.

SANTO PABLO BAY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:
1. All personal property, except floating blinds, must be removed from the refuge at the end of each hunting day. Floating blinds may be left overnight, but must be removed from the refuge at the end of the waterfowl hunting season.
2. Hunters may use only portable blinds and temporary or floating blinds constructed of biodegradable materials.
3. Blinds may be used by any hunter on a first-come basis each day.
4. Digging into levees is prohibited.
B. Upland Game Hunting. Hunting of pheasants is permitted on designated areas of the refuge.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

SUTTER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:
1. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
2. Hunters may not possess more than 25 shells while in the field.
3. Access to the hunt area is by foot traffic only. Bicycles and other conveyances are not permitted.
4. Digging into levees is prohibited.
B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters shall possess and use, while in the field, only nontoxic shot.
2. Access is by foot traffic only. Bicycles and other conveyances are not permitted.
3. Hunters may not possess more than 25 shells while in the field.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

TULE LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens and snipe is permitted on designated areas of the refuge subject to the following conditions:
1. In the controlled waterfowl hunting area, entry permits are required for the first 2 days of the waterfowl season for all hunters 16 years of age or older. Hunters under the age of 16 hunting in the controlled area must be accompanied by an adult with a permit. Advance reservations are required for the first 2 days of the hunt.
2. Hunting is permitted until 1:00 p.m. each day, except that up to three one-day special youth or disabled hunter hunts per season may be designated by the refuge manager after 1:00 p.m.
3. In the designated spaced blind areas, possession of any loaded firearms more than 200 feet from the established blind stakes is not permitted. Hunters select blind sites by lottery at the beginning of each hunt day. Hunters may shoot only from within their assigned blind sites.
4. Only unloaded firearms may be carried on hunter access routes open to motor vehicles or when taken through posted retrieving zones when traveling to and from the hunting areas.
5. Decoys may not be set in retrieving zones.
6. Air-thrust and inboard waterthrust boats are not permitted.
7. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
8. Only unloaded firearms may be carried on hunter access routes open to motor vehicles or when taken through posted retrieving zones when traveling to and from the hunting areas.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]


§ 32.25 Colorado.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ALAMOSA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, snipe and mourning doves is permitted on designated areas of the refuge subject to the following condition: Snipe and dove hunting are permitted only during the waterfowl hunting season.

B. Upland Game Hunting. Hunting of pheasant, cottontail rabbit, black-tailed and white-tailed jackrabbit is permitted on designated areas of the refuge subject to the following conditions: Hunting is permitted only when the respective State season coincides with the refuge waterfowl hunting season.

C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]
U.S. Fish and Wildlife Serv., Interior

ARAPAHO NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is allowed on designated areas of the refuge pursuant to State law.

B. Upland Game Hunting. Upland game hunting is allowed on designated areas of the refuge pursuant to State law and subject, also, to the following condition: Hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

C. Big Game Hunting. Hunting of pronghorn antelope is permitted on designated areas of the refuge.

D. Sport Fishing. Anglers may fish in designated areas of the refuge subject to the following conditions:
   1. Anglers may not fish between June 1 and July 31 each year.
   2. Anglers may fish only during daylight hours.

BROWNS PARK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt geese, ducks, coots, and mourning doves only in designated areas of the refuge.

B. Upland Game Hunting. Hunters may hunt cottontail rabbits only in designated areas of the refuge.

C. Big Game Hunting. Hunters may hunt mule deer and elk only in designated areas of the refuge.

D. Sport Fishing. Anglers may fish only in designated areas of the refuge.

MONTE VISTA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, snipe and mourning doves is permitted on designated areas of the refuge subject to the following condition: Snipe and dove hunting are permitted only during the waterfowl hunting season.

B. Upland Game Hunting. Hunters may hunt cottontail rabbits only in designated areas of the refuge.

C. Big Game Hunting. Hunters may hunt mule deer and elk only in designated areas of the refuge.

D. Sport Fishing. Anglers may fish only in designated areas of the refuge.

ROCKY MOUNTAIN ARSENAL

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge pursuant to State law.

B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunting is permitted only on the South Upland Hunting Area.
   2. Hunting is permitted from 1½ hour before sunrise to 1½ hour after sunset.
   3. Hunting is not permitted from March 1 through August 31.
   4. Shotgun hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

C. Big Game Hunting. Hunting of deer and turkey is permitted on designated areas of the refuge subject to the following conditions:
   1. Refuge fishing permit required.

2. Fishing permitted only from sunrise to sunset from April 15 through October 15 annually.

3. Catch and release only fishing.

4. Additional refuge regulations listed in refuge fishing regulations leaflet and fishing permits.


§ 32.26 Connecticut. [Reserved]

§ 32.27 Delaware.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BOMBAY HOOK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required for waterfowl hunting except on the South Upland Hunting Area.
   2. Hunting of waterfowl and coots is permitted on the South Waterfowl Area, the West Waterfowl Area, and the Young Waterfowlers Area.
   3. Only snow geese may be taken on the Snow Goose Area.
   4. Hunting is permitted only from designated sites, except on the South Upland Hunting Area and the Snow Goose Area.
   5. The maximum number of hunters permitted per blind is as follows: West Waterfowl and Snow Goose Areas—4; South Waterfowl Area—3; Young Waterfowlers Area—2.
   6. The possession of a loaded shotgun while outside a blind or designated site is not permitted unless actively pursuing crippled birds.
   7. Waterfowl hunters may not use or possess more than 15 shells per day on the West and Young Waterfowlers Hunt Areas.
   8. Hunting is permitted from March 1 through August 31.

B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunting is permitted only on the South Upland Hunting Area.
   2. Hunting is permitted from 1½ hour before sunrise to 1½ hour after sunset.
   3. Hunting is not permitted from March 1 through August 31.

C. Big Game Hunting. Hunting of deer and turkey is permitted on designated areas of the refuge subject to the following conditions:
   1. Refuge fishing permit required.

§ 32.27 Delaware.
§ 32.28

the refuge subject to the following conditions:

1. A permit is required on the Regular and Headquarters Deer Hunt Areas.
2. Hunting on the Headquarters Deer Hunt Area must be from designated stands only, unless actively tracking or retrieving wounded deer.
3. Only portable tree stands may be used and must be removed from the refuge each day.
4. A valid State permit is required for turkey hunting.

D. Sport Fishing.

PRIME HOOK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:

1. Permits are required for waterfowl hunting.
2. Only waterfowl and coots may be taken on the Waterfowl and Young Waterfowlers Hunting Areas.
3. Only mourning doves, common snipe, and woodcock may be taken on the North Hunting Area.
4. Access to the waterfowl hunt area is by boat only.
5. Except on the North Hunting Area, hunting is permitted from designated blinds only, with a maximum of three hunters per blind.
6. The possession of a loaded shotgun while outside of a blind is not permitted unless actively pursuing crippled birds.
7. Hunters using the Young Waterfowlers Hunting Area may not use or possess more than 25 shells per day.
8. Hunting is not permitted from March 1 through August 31.

B. Upland Game Hunting.

C. Big Game Hunting.

D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following conditions:

1. Boats used on Fleetwood or Turkle ponds must be propelled manually or by electric motors.
2. Those portions of Fleetwood and Turkle ponds having wood duck nesting boxes are closed to public entry from March 1 through June 30.
3. Boats may be launched from designated access points or public roads.
4. Bank fishing and crabbing is permitted only at designated access points and public right-of-ways.
5. The use of air-thrust watercraft is not permitted.

§ 32.28 Florida.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ARTHUR R. MARSHALL LOXAHATCHEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge subject to the following condition:

1. Permits are required.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted only from sunrise to sunset on all areas of the refuge except the management impoundments and those areas marked by signs as closed to public entry or fishing.
2. Only the use of rods and reels or poles and lines is permitted, and this fishing equipment must be attended at all times.
3. Commercial fishing or the taking of frogs or turtles is not permitted.
§ 32.28

U.S. Fish and Wildlife Serv., Interior

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish and crab on designated areas of the refuge subject to the following conditions:

1. Fishing permitted in refuge waters except in areas designated as “closed to public entry,” and the Mangrove Head Pond, Tower Pond, and Tarpon Bay Slough at the Bailey Tract.
2. Crabbing permitted in refuge waters except in areas designated as “closed to public entry.”
3. Anglers may take horseshoe crabs, stone crabs, or spider crabs.
4. Anglers may not take blue crabs for commercial purposes.
5. Anglers may take blue crabs along the Wildlife Drive only with the use of dip nets. Anglers may not use lines, traps, or bait on or within 150 feet of the Wildlife Drive.
6. Anglers may use baited lines and traps within refuge waters if such devices are continuously attended/monitored and removed at the end of each day. Attended/monitored means that all devices used in the capture of blue crabs must be within the immediate view of the sport crapper.
7. Daily limit of blue crabs is 20 per person of which no more than 10 shall be females.

E. Stone crab harvest. [Reserved]

LAKE WOODRUFF NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

EGMONT KEY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing permitted in refuge waters except in areas designated as “closed to public entry.”
2. Crabbing permitted in refuge waters except in areas designated as “closed to public entry.”
3. Anglers may take horseshoe crabs, stone crabs, or spider crabs.
4. Anglers may not take blue crabs for commercial purposes.
5. Anglers may take blue crabs along the Wildlife Drive only with the use of dip nets. Anglers may not use lines, traps, or bait on or within 150 feet of the Wildlife Drive.
6. Anglers may use baited lines and traps within refuge waters if such devices are continuously attended/monitored and removed at the end of each day. Attended/monitored means that all devices used in the capture of blue crabs must be within the immediate view of the sport crapper.
7. Daily limit of blue crabs is 20 per person of which no more than 10 shall be females.

LAKE WOODRUFF NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]
§ 32.28

1. Anglers may take game and nongame fish only with pole and line or rod and reel.
2. Anglers may not take turtles and frogs.
3. Boats may not be left on the refuge overnight.

MERRITT ISLAND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks and coots in designated areas of the refuge subject to the following conditions:
1. Hunters must possess a valid refuge hunting permit at all times while hunting on the refuge.
2. Hunters may hunt only on Wednesday, Saturday, Sunday, and the following holidays: Thanksgiving, Christmas, and New Years Day only within the designated State season.
3. Hunters may hunt only in four designated areas of the refuge subject to delineation in the refuge hunting map and brochure, including the open waters of Mosquito Lagoon, Indian River, and designated impoundments outside the NASA security area.
4. Hunting hours are one-half hour before sunrise until 1:00 pm, each hunting day.
5. Hunters in Areas 1, 2 or 4 must complete and carry proof of completing an approved hunter safety training course. Hunters in Area 3 born after June 1, 1975 must complete and carry proof of completing an approved hunter safety training course in accordance with State law.
6. An adult 21 years of age or older must supervise and remain in sight and normal voice contact with hunters under the age of 16.
7. The public must not enter the refuge between sunset and sunrise except: hunters may access the refuge for waterfowl hunting only after 2:00 am each hunting day during waterfowl hunting season; and a valid refuge hunting permit must be in possession during these times.
8. Hunters may not park along Blackpoint Wildlife Drive or Playalinda Beach Road for the purposes of waterfowl hunting.
9. Hunters may not trespass or hunt migratory game birds in refuge areas posted "AREA CLOSED".
10. Vehicles must use only designated public access routes and boat launching areas north and south of Haulover Canal.
11. Hunters must construct permanent above ground, or pit blinds, nor dig into dikes.
12. Hunters must not shoot from within 10 feet of any dike, roadway, or railroad fill.
13. Hunters must remove decoys, boats, and other personal property from the refuge by 2:00 pm daily.
14. Refuge guides must purchase and have Guide Permits on their person while in the field hunting.
15. Hunters may not launch boats off Black Point Wildlife Drive.
16. Hunters may not use air thrust boats, hovercraft, jetskis or similar craft on refuge waters.
17. Boats must not exceed "Idle Speed" in Bairs Cove nor 8 mph or "Slow speed-Minimum Wake" in Haulover Canal.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishermen may fish, crab, clam, oyster and shrimp in designated areas of the refuge subject to the following conditions:
1. Fishermen may night fish from a boat only in Mosquito Lagoon, Indian River, Banana River, and Haulover Canal. All fishermen must possess a valid refuge night fishing permit.
2. Fishermen must attend their lines at all times.
3. Vehicles must use only designated public access routes and boat launching areas north and south of Haulover Canal.
4. Fishermen may not launch boats from Black Point Wildlife Drive.
5. Fishermen may not use air thrust boats, hovercraft, jetskis or similar craft on refuge waters.
6. Fishermen may launch or moor boats only between sunset and sunrise at Beacon 42 fish camp and Bairs Cove at Haulover Canal Recreation Area.
7. The public must not use motorized boats in the Banana River Manatee sanctuary (north of KARS Park on the west side of the Barge Channel and north of the Air Force power line on the east side of the Barge Channel). This includes any boat having an attached motor or a non-attached motor that is capable of use (including electric trolling motors). This regulation is in effect throughout the year.
8. Boats must not exceed "Idle Speed" in Bairs Cove and KARS Marina nor 8 mph or "Slow speed-Minimum Wake" in Haulover Canal.
9. The public must not enter the refuge between sunset and sunrise except fishermen may launch boats while fishing from Beacon 42 Fish Camp or Bairs Cove at Haulover Canal. Nighttime fishermen must also possess a valid refuge fishing permit while fishing on the refuge.

PELICAN ISLAND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted year-round.
2. Bank fishing from spoil islands is permitted, during daylight hours only.
U.S. Fish and Wildlife Serv., Interior § 32.29

PINELLAS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Permits required.

ST. MARKS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks and coots in designated areas of the refuge subject to the following condition: Permits required.
B. Upland Game Hunting. Hunters may hunt squirrel, rabbit, and raccoon on designated areas of the refuge subject to the following condition: Permits required.
C. Big Game Hunting. Hunting of white-tailed deer, turkeys and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Anglers may fish and crab only from sunrise to sunset. Anglers may use crab pots only in accordance with State regulations, except that crab pots abandoned or not checked after 72 hours are subject to impoundment.

ST. VINCENT NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of raccoon is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer, sambar deer, and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted only from sunrise to sunset.
   2. Only nonmotorized boats and boats with electric motors are permitted.
   3. The use of live minnows as bait is not permitted.
   4. Fishing is permitted in Lakes 1, 2, and Oyster Pond from April 1 through September 30.
   5. Fishing is permitted in Lakes 3, 4, and 5 from May 15 through September 30.

TEN THOUSAND ISLANDS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks and coots in designated areas of the refuge subject to the following condition: Permits required.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish only in designated portions of the refuge subject to the following conditions:
   1. Anglers may not use airboats, hovercraft, off road vehicles, or personal water craft in freshwater and brackish water wetlands and water bodies.
   2. Anglers may fish in freshwater and brackish water creeks and ponds year round from sunrise to sunset.
   3. Anglers may fish in tidal waters year round and 24 hours a day.
   4. Anglers may not fish with trotlines, gigs, spears, bush hooks, snatch hooks, crossbows or bows and arrows of any type.
   5. Anglers may enter the refuge to crab in freshwater and brackish water areas only from sunrise to sunset. Recreational anglers may use crab pots only in accordance with State regulations, except that crab pots abandoned or not checked after 72 hours are subject to impoundment.


§ 32.29 Georgia.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BANKS LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
§ 32.29

1. Fishing is permitted year-round only from sunrise to sunset.
2. Night fishing is permitted from March 1 through October 31.
3. Only the use of pole and line or rod and reel is permitted.
4. The daily creel limit is 5 largemouth bass, 5 channel catfish, and 25 of any one, or combination, of bream or sunfish. Possession of more than the daily creel limit at any time is not permitted.
5. The taking of largemouth bass smaller than 14 inches is not permitted.

BLACKBEARD ISLAND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Anglers may fish in freshwater year-round from sunrise to sunset, except during managed deer hunts.
   2. Only nonmotorized boats and boats with electric motors are permitted.
   3. The use of live minnows as bait is not permitted.
   4. Boats may not be left on the refuge overnight.
   5. Anglers may bank fish into estuarine waters daily from sunrise to sunset only.

EUFALA NATIONAL WILDLIFE REFUGE

Refer to §32.20 Alabama for regulations.

HARRIS NECK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunters may hunt white-tailed deer and turkey on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. The use of boats with motors larger than 10 horsepower is not permitted.
   2. The use of live minnows as bait is not permitted.
   3. Only the use of pole and line or rod and reel is permitted.
   4. The daily creel limit is 5 largemouth bass, 5 channel catfish, and 25 of any one, or combination, of bream or sunfish. Possession of more than the daily creel limit is not permitted.
   5. The taking of largemouth bass smaller than 14 inches is not permitted.

PIEDMONT NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of quail, squirrel and rabbit is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Hunting is not permitted during refuge deer hunts.
C. Big Game Hunting. Hunters may hunt white-tailed deer and turkey on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from May 1 through September 30 only from sunrise to sunset.
   2. The creel limit for black bass is five.
   3. Only the use of pole and line or rod and reel is permitted.
   4. The use of live minnows as bait is not permitted.
   5. Nonmotorized boats and boats with electric motors are permitted only in Pond 2A and Allison Lake.

SAVANNAH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of squirrels and feral hogs is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on refuge on designated areas of the refuge subject to the following conditions:
U.S. Fish and Wildlife Serv., Interior

§ 32.31

1. Anglers may fish in refuge impoundments and canals from March 1 through November 30 annually.
2. Anglers may fish in Kingfisher Pond year round.
3. Fishing is permitted from sunrise to sunset.
4. Anglers may bank fish year round in the canals adjacent to the wildlife drive.
5. Boats may not be left on the refuge overnight.
6. Anglers may only use non-motorized boats and boats with electric motors within impounded waters.

WASSAW NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge.

KAKAHAIA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge.

HANALEI NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge.

BEAR LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions: Air-thrust boats are not permitted. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
B. Upland Game Hunting. Hunting of partridge, grouse and cottontail rabbits, including pygmy rabbits, is permitted on designated areas of the refuge subject to the following condition: Pheasant hunters shall possess and use, while in the field, only nontoxic shot.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Boats are not permitted in fishing areas.

CAMAS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Pheasant and grouse is permitted on designated areas of the refuge subject to the following condition: Pheasant hunters shall possess and use, while in the field, only nontoxic shot.

DEER FLAT NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, common snipe and doves is permitted on designated areas of the refuge subject to the following conditions:
§ 32.32

1. Only ducks and coots may be hunted on the Lake Lowell sector.
2. Only portable and temporary blinds constructed of natural materials are permitted.
3. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
4. Nonmotorized boats and boats with electric motors are restricted to the area bounded by the water’s edge and extending to a point 200 yards lakeward in hunting area 1 on the Lake Lowell sector.

B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting of pheasant, quail and partridge is permitted on the Lake Lowell Sector.
2. Shooting hours on the Lake Lowell sector are the same as those for waterfowl hunting.
3. Hunting is not permitted on the Snake River sector from February 1 through May 31.
4. Pheasant, quail and partridge hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Only ducks and coots may be hunted on designated areas of the refuge subject to the following conditions:
2. During the waterfowl hunting season, fishing is permitted only within the area bounded by the water’s edge extending to a point 200 yards lakeward in fishing Areas A and B on the Lake Lowell Sector.
3. Nonmotorized boats are permitted from ½ hour before sunrise to ½ hour after sunset from October 1 through April 14, within the area bounded by the water’s edge extending to a point 200 yards lakeward in front of the lower dam, fishing area A, and in front of the upper dam, fishing area B.
4. Motorized and nonmotorized boats are permitted from ½ hour before sunrise to ½ hour after sunset from April 15 through September 30.
5. Shoreline fishing is not permitted on the islands of the Snake River Sector from February 1 through May 31.

Grays Lake National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions: Motorized boats are not permitted.

B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

Kootenai National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted only on Tuesdays, Thursdays, Saturdays and Sundays.
2. Hunters are limited to the use and/or possession of no more than 25 shells per day.
3. All firearms must be unloaded when in the posted retrieving zone for purposes of retrieving downed birds or traveling to or from the hunting area.
4. Upland Game Hunting. Hunting of ruffed, spruce and blue grouse is permitted subject to the following condition: Hunting is permitted only on the Snake River sector from February 1 through May 31.
5. Pheasant, quail and partridge hunters shall possess and use, while in the field, only nontoxic shot.

Minidoka National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge.

B. Upland Game Hunting. Hunting of pheasant, partridge and cottontail rabbits, including pygmy rabbit, is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted only on the Snake River sector from February 1 through May 31.
2. Pheasant hunters shall possess and use, while in the field, only nontoxic shot.
3. All firearms must be unloaded when in the posted retrieving zone for purposes of retrieving downed birds or traveling to or from the hunting area.
4. Sport Fishing. Fishing is permitted only on Myrtle Creek subject to the following condition: Only bank fishing is permitted. Fishing from boats, float tubes, or other personal flotation devices is prohibited.

Chautauqua National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:

B. Upland Game Hunting. Hunting of ruffed, spruce and blue grouse is permitted subject to the following conditions:
1. Hunting is permitted only in the area outside the main dike in the Liverpool Lake section and north of the entrance to the north ditch known as Goofy Ridge Ditch.
2. The retrieval zone is limited to the river side of the main dike.
3. Only temporary structures or blinds constructed of native materials are permitted.

§ 32.32 Illinois.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

Chautauqua National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted only in the area outside the main dike in the Liverpool Lake section and north of the entrance to the north ditch known as Goofy Ridge Ditch.
2. The retrieval zone is limited to the river side of the main dike.
3. Only temporary structures or blinds constructed of native materials are permitted.

636
§ 32.32

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Sport fishing is allowed on Lake Chautauqua from February 15 through October 15. Sport fishing is not allowed in the Waterfowl Hunting Area during waterfowl hunting season.

2. Anglers must not use more than two hooks or lures attached while fishing in the Kikunessa Pool of Chautauqua National Wildlife Refuge.

3. Private boats may not be left in refuge waters overnight.

4. Motorboats are restricted to "slow speed/minimum wake."

5. The public may not enter Weis Lake on the Cameron-Billsbach Unit of Chautauqua National Wildlife Refuge from October 16 through January 31, to provide sanctuary for migratory birds.

CRAB ORCHARD NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Birds. Hunters may hunt waterfowl on designated areas of the refuge in accordance with posted regulations and subject to the following conditions:

1. Hunters may hunt waterfowl, by daily permit drawing, on the controlled areas of Grassy Point, Carterville, and Greenbriar Island areas, plus Orchard, Sawmill, Turkey, and Grassy Islands, from one-half hour before sunrise to posted closing times each day during the goose season. Hunters may hunt waterfowl in these areas, including the lake shoreline, only from existing refuge blinds during the goose season.

2. Waterfowl hunters outside the controlled goose hunting areas may use only portable or temporary blinds. Blinds must be a minimum of 200 yards apart and removed or dismantled at the end of each day's hunt.

3. Goose hunters outside the controlled goose hunting area on Crab Orchard Lake must hunt from a blind that is on shore or anchored a minimum of 200 yards away from any shoreline.

4. Hunters may possess and use only nontoxic shot while hunting migratory game bird species.

B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge in accordance with posted regulations and subject to the following conditions:

1. Upland game hunting is prohibited in the controlled goose hunting areas during the goose hunting season, except fur bearer hunting permitted from sunset to sunrise.

2. Hunters may not use rifles or handguns with ammunition larger than .22 caliber rim fire, except they may use black powder firearms up to and including .40 caliber.

3. Hunters may possess and use only nontoxic shot while hunting all permitted species except wild turkey. Hunters may possess and use lead shot for hunting wild turkey.

C. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the refuge in accordance with posted regulations and subject to the following conditions:

1. Hunters must possess a special permit issued by the Illinois Department of Natural Resources.

2. Hunters using the Closed Area are required to check in at the refuge visitor contact station prior to hunting and must comply with the special rules provided to them.

3. Hunters may not hunt deer in the controlled goose hunting areas during the goose hunting season.

4. Hunting stands must be removed at the end of each day's hunt.

5. Permitted hunters may use center fire ammunition for handgun deer hunting during the handgun deer season.

D. Sport Fishing. Anglers may fish on designated areas of the refuge in accordance with posted regulations and subject to the following conditions:

1. Crab Orchard Lake—west of Wolf Creek Road—Anglers may fish from boats all year. Anglers must remove trot-lines/jugs from sunrise until sunset from Memorial Day through Labor Day; east of Wolf Creek Road, and anglers may fish from boats March 15 through September 30. Anglers may fish all year at the Wolf Creek and Route 148 causeway areas. Anglers must check and remove fish from all jugs and trot lines daily. It is illegal to use stakes to anchor any trot-lines; they must be tagged with angler's name and address. Anglers may use all noncommercial fishing methods except they may not use underwater breathing apparatus. Anglers may not use jugs or trot-lines with any flotation device that has previously contained any petroleum-based materials or toxic substances. Anglers must attach a buoyed device that is visible on the water's surface to all trot-lines.

2. A-41, Bluegill, Blue Heron, Managers, Honkers, and Visitors Ponds: Anglers may fish only from sunrise to sunset March 15 through September 30. Anglers may not use boats or flotation devices.

3. Anglers may not submerge any pole or similar object to take or locate any fish.

4. Organizers of all fishing events must possess a refuge-issued permit.

5. Anglers may not fish within 250 yards of an occupied waterfowl hunting blind.

6. Fishermen may anchor trotlines only with portable weights that are removed from the water, along with the trotlines and jugs.

7. Fishermen must not use stakes or employ any flotation device which has previously contained any petroleum based materials or toxic substances.

8. Hunters must possess a special permit issued by the Illinois Department of Natural Resources.

9. Hunters hunting in the Closed Area must comply with the special rules provided to them.
§ 32.32

8. Fishermen may use all non-commercial fishing methods except those requiring underwater breathing apparatus.

**Cypress Creek National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters may dove hunt on sunflower fields only on Mondays, Wednesdays, and Saturdays starting September 1. Hunters may hunt only from noon to 5 pm. Hunters must sign in and out and report daily harvest at registration box. All hunting must be from field borders only. Hunters may not hunt or shoot from the interior of sunflower fields or within 100 yards of roadways. Hunters may not carry or use guns while retrieving downed doves from field interiors.

2. On the Bellrose Waterfowl Reserve—Hunters may not hunt ducks. Hunters may hunt only geese following the closure of the state duck season. Hunters may hunt only on Tuesdays, Thursdays, and Sundays. Hunters may hunt only from sunrise to 1 pm. All hunters must remove blinds and decoys, and be off the unit by 2 pm daily. Hunters may not enter the area prior to 5 am. Hunters may not hunt during special snow goose seasons after the closure of the regular goose season. Hunters may use only temporary or portable blinds; Hunters may not construct pit blinds. No one may hunt within 100 yards of any private property boundary. Distance between hunting parties must be at least 200 yards. All hunters must sign in and out and report daily harvest at the registration box.

3. Hunters must remove boats, decoys, and blinds from the refuge at the conclusion of each day’s hunt.

4. Boats, decoys and blinds must be removed from the refuge at the conclusion of each day’s hunt.

B. Upland Game Hunting.

A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to the following conditions:

1. Hunters must possess and use only non-toxic shot while hunting for any permitted birds, except wild turkeys. Hunters may use lead shot while hunting wild turkeys.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters must check in and out of the refuge each day of hunting.

2. Hunting blinds may not be left overnight on the refuge.

D. Sport Fishing. [Reserved]
§ 32.33 Indiana.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

MUSCATATUCK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of quail and rabbit is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is prohibited from the beginning of the applicable State deer hunting season through the end of the year.

2. Hunting is permitted only from sunrise to sunset.

3. Non-hunters must stay in vehicles when entering the hunt area during the applicable State duck hunting season.

4. No discharge of firearms is permitted within 100 yards of an occupied dwelling.

5. Construction or use of permanent blinds, platforms or ladders is not permitted.

§ 32.33 Indiana.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

MUSCATATUCK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of quail and rabbit is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is prohibited from the beginning of the applicable State deer hunting season through the end of the year.

2. Hunting is permitted only from sunrise to sunset.

3. Non-hunters must stay in vehicles when entering the hunt area during the applicable State duck hunting season.

4. No discharge of firearms is permitted within 100 yards of an occupied dwelling.

5. Construction or use of permanent blinds, platforms or ladders is not permitted.
3. Ice fishing is permitted only when indicated by refuge signs.
4. The minimum size limit for large-mouth black bass taken from refuge waters is 14 inches.
5. Fishing is permitted during daylight hours only.
6. Frogs and turtles may be taken by hook and line during daylight hours from areas open to fishing.

PATOKA RIVER NATIONAL WILDLIFE REFUGE AND MANAGEMENT AREA
A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to posted regulations.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge subject to posted regulations.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to posted regulations.
D. Sport Fishing. Fishermen may fish in designated waters of the refuge subject to posted regulations.


§ 32.34 Iowa.
The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

DE SOTO NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted only as posted.
B. Upland Game Hunting. Hunters may hunt upland game in designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Hunters must not construct or use permanent blinds, platforms or ladders at any time.
   3. Hunters must remove all hunting stands from the refuge by the close of the season.
D. Sport Fishing. Fishing is permitted in DeSoto Lake subject to the following conditions:
   1. Ice fishing is permitted from January 1 through the end of February when conditions are safe.
   2. Motor- or wind-driven conveyances are not permitted on the lake from January 1 through the end of February.
   3. The use of portable ice fishing shelters is permitted on a daily basis from January 1 through the end of February.
   4. Only the use of pole and line, or rod and reel, is permitted from April 15 through October 14 with the exception that archery and spear fishing are permitted only for nongame fish from April 15 to October 14.
   5. Fishing with more than two lines or with more than two hooks on each line is not permitted.
   6. The use of trotlines and float lines is not permitted.
   7. Minimum length and creel limits are required as posted.

DRIFTLESS AREA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following condition: Hunting is permitted only between November 1 and the close of State established seasons, or January 15, whichever comes first.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunting is permitted only between November 1 and the close of State established seasons, or January 15, whichever comes first.
   2. Hunting is restricted to archery and muzzleloader use only.
   3. Construction or use of permanent blinds, platforms or ladders is not permitted.
   4. All stands must be removed from the refuge at the end of the day's hunt.

MARK TWAIN NATIONAL WILDLIFE REFUGE
Refer to §32.32 Illinois for regulations.

UNION SLOUGH NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: State regulations regarding the use of decoys, and governing the construction and use of blinds on game management areas, shall apply.
B. Upland Game Hunting. Hunters may hunt upland game in designated areas of the refuge subject to the following condition: Hunters may only use or possessed nontoxic shot while hunting upland game, except wild turkeys. Hunters may possess and use lead shot for wild turkey hunting.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
   1. The construction or use of permanent blinds, stands or ladders is prohibited.
   2. Hunters must remove all hunting stands from the refuge at the end of each day's hunt.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted from March 1 through November 15.
2. The use of boats, canoes or other floating devices is not permitted.

Upper Mississippi River National Wildlife and Fish Refuge

Refer to §32.32 Illinois for regulations.

Walnut Creek National Wildlife Refuge

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunters may hunt ringnecked pheasants, bobwhite quail, cottontail rabbits, and squirrels on designated areas of the refuge subject to the following conditions:
1. All hunting stands must be removed from the refuge at the end of each day’s hunt.
2. Hunters may hunt from the opening of State season until closed on the dates posted by the refuge manager.
3. All hunters must wear one or more of the following articles of visible, external, solid blaze orange clothing: a vest, coat, jacket, sweatshirt, sweater, shirt or coveralls.
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following condition: All hunting stands must be removed from the refuge at the end of each day’s hunt.
D. Sport Fishing. [Reserved]

§32.35 Kansas.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

Flint Hills National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, mourning doves and snipe is permitted on designated areas of the refuge subject to the following condition: Waterfowl and coot hunters shall possess and use, while in the field, only non-toxic shot.
B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions:
1. Dogs may not be used for hunting fur bearing animals or non-game animals.
2. Hunters shall possess and use, while in the field, only nontoxic shot or rimfire firearms (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

C. Big Game Hunting. Hunting of big game is permitted on designated areas of the refuge subject to the following conditions:
1. Only shotguns, muzzleloading firearms, or bow and arrow are permitted except during controlled hunts.
2. Upland Game Hunting. Hunting of pheasant, quail, prairie chicken, squirrel and rabbit is permitted on designated areas of the refuge subject to the following condition: Hunting of rabbits and squirrels is permitted only during that portion of the State “small game season” that occurs during the State “upland game season.”
3. Big Game Hunting. Hunting of deer and turkey is permitted on designated areas of the refuge subject to the following condition: Only archery hunting of deer is permitted.
4. Sport Fishing. Anglers may sportfish on designated areas of the refuge subject to the following conditions:
5. Anglers may fish in accordance with the Kirwin National Wildlife Refuge Visitor’s Map and Guide.
6. Anglers may not use motorized vehicles on the ice.

Marais des Cygnes National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, rails (Virginia and Sora only), mourning doves, and common snipe is permitted on designated areas of the refuge subject to the following condition: Nontoxic shot is required when hunting any
§ 32.36

Ohio River Islands National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to the following conditions:
1. Each hunter must have in his possession a current copy of the Ohio River Islands National Wildlife Refuge Hunting Regulations Leaflet while participating in a refugee hunt.
2. Hunters may only use shotguns for taking squirrels and rabbits.
3. Each hunter must have in his possession a current copy of the Ohio River Islands National Wildlife Refuge Hunting Regulations Leaflet while participating in a refuge hunt.
4. Hunters will possess and use, while in the field, only nontoxic shot.
B. Upland Game Hunting. Hunters may hunt pheasant, bobwhite quail, squirrel, and rabbit on designated areas of the refuge subject to the following conditions:
1. The refuge is closed to all hunting from March 1 through August 31.
2. Squirrels and rabbits may only be hunted during the portion of the Kansas seasons that fall outside the March 1 through August 31 closed period.
3. Bobwhite quail is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunters may hunt turkey is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Sport fishing is permitted on designated areas of the refuge subject to the following condition: Permits are required.

§ 32.37

Louisiana

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

Atchafalaya National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, snipe and woodcock is permitted on designated areas of the refuge subject to the following condition: Hunting shall be in accordance with Sherburne Wildlife Management Area regulations.
B. Upland Game Hunting. Hunting of squirrels, rabbit, raccoon, opossum, nutria, muskrat, mink, fox, bobcat, beaver and otter is permitted on designated areas of the refuge subject to the following condition: Hunting shall be in accordance with Sherburne Wildlife Management Area regulations.
C. Big Game Hunting. Hunting of deer and turkey is permitted on designated areas of the refuge subject to the following condition: Hunting shall be in accordance with Sherburne Wildlife Management Area regulations.
D. Sport Fishing. [Reserved]
§ 32.37

BAYOU COCODRIE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt woodcock and snipe on designated areas of the refuge subject to the following condition: Hunters must possess a refuge permit.
B. Upland Game Hunting. Hunting of squirrel, rabbit, raccoon, opossum and coyote is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
D. Sport Fishing. [Reserved]

BAYOU SAUVAGE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Finfishing and shellfishing are permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted during daylight hours only.
2. Sport fishing and shellfishing are permitted year-round on all refuge lands south of the Intracoastal Waterway; from the banks of U.S. Highway 11; and within the banks of the borrow canal and borrow pits between U.S. Highway 11 and Interstate 10.
3. Only sport fishing with hand-held rod and reel or hand-held rod and line is permitted. Gait shrimp may be taken with cast nets 8 feet in diameter or less. Crawfish and crabs can be taken (up to 100 pounds per person) with wire nets up to 20 inches in diameter. All fishing, crabbing and crawfishing equipment must be attended at all times.
4. The use of trotlines, limb lines, slat traps, gar sets, nets or alligator lines is prohibited on the refuge.
5. Only outboard motors 25 horsepower or less are permitted in waterways inside the hurricane protection levee.
6. Airboats, aircraft, motorized pirogues and go-devils are prohibited in refuge waters.

BIG BRANCH MARSH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, coots, and snow geese on designated areas of the refuge subject to the following conditions:
1. Hunters must possess a refuge permit.
2. Anglers may fish on designated areas of the refuge subject to the following conditions:
1. Anglers may fish from sunrise to sunset.
2. Anglers may launch boats only at designated sites. Anglers may not use boat motors greater that 50 horsepower.
3. Anglers may not use trotlines, limb lines, yo-yos, traps or nets.
4. Anglers may not take frogs, turtles and mollusks.

BOGUE CHITTO NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks, geese, coots, and woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunting of squirrel, rabbit, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish on designated areas of the refuge subject to the following conditions: Permits are required.
2. Fishermen must only use rods and reel or pole and lines while fishing.
3. Fishermen must not use trotlines, slat traps or nets while fishing.
4. Fishermen must not use boats with motors larger than 25 horsepower.
5. Fishermen must not use air-thrust boats, motorized pirogues, go-devils, or mud boats in refuge waters.

BLACK BAYOU LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish on designated areas of the refuge subject to the following conditions:
1. Anglers may fish from sunrise to sunset.
2. Anglers may not leave boats or other personal equipment on the refuge overnight. Anglers may launch boats only at designated sites. Anglers may not use boat motors greater than 50 horsepower.
3. Anglers may not use trotlines, limb lines, yo-yos, traps or nets.
4. Anglers may not take frogs, turtles and mollusks.

BRETON NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish and crab on designated areas of the refuge subject to the following conditions:
1. Anglers may fish year-round.
2. Crabbers must tend crabbing equipment at all times.
3. Anglers may not use trotlines, slat traps, or nets.


A. Hunting of Migratory Game Birds. Hunters may hunt waterfowl on designated areas of the refuge subject to the following conditions: Refuge permits required.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Any person entering, using, or occupying the refuge for hunting must abide by all terms and conditions set forth in the appropriate refuge hunting brochure.
D. Sport Fishing. Anglers may sport fish in Gibbston Unit. Anglers may sport fish and castnet in the East Cove Unit subject to the following condition: Any person entering, using or occupying the refuge must abide by all terms and conditions set forth in the appropriate refuge fishing brochure.


A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of raccoon, squirrel, rabbit, and feral hogs is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer and feral hogs is permitted on designated areas of the refuge subject to the following condition: Daily permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from one hour before sunrise until one-half hour after sunset. Only pole and line or rod and reel fishing is permitted. Snagging is prohibited.
   2. Only cotton limb lines are permitted.
   3. Camping is permitted year-round on designated areas only.

D' A R B O N N E  N A T I O N A L  W I L D L I F E  R E F U G E

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, coots, and woodcock on designated areas of the refuge subject to the following condition: Permits required.
B. Upland Game Hunting. Hunters may hunt quail, squirrel, raccoon, opossum on designated areas of the refuge subject to the following condition: Permits required.
C. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the refuge subject to the following condition: Permits required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. The ends of trotlines must consist of a length of cotton line that extends from the points of attachment into the water.
   2. Only cotton limb lines are permitted.
   3. Fishermen may fish and take crawfish in designated areas of the refuge subject to the following conditions:
      1. Recreational fishing and crabbing are permitted only from sunrise to sunset.
      2. The use of trotlines, limblines, slat traps, gar sets, nets or alligator lines is prohibited.
      3. Fishing is permitted year-round on designated areas only.

50 CFR Ch. I (10-1-98 Edition)

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions: Permits required.
B. Upland Game Hunting. Hunting of rabbit is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from one hour before sunrise until one-half hour after sunset. Only pole and line or rod and reel fishing is permitted. Snagging is prohibited.
   2. Only cotton limb lines are permitted.
   3. Fishermen must have refuge permits to take crawfish.
   4. Fishermen may use yo-yos during daylight hours only.
   5. Fishermen may not take frogs.


A. Hunting of Migratory Game Birds. Hunting of geese, ducks, and coots is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Any person entering, using, or occupying the refuge for waterfowl hunting must abide
by all the terms and conditions in the refuge hunting brochure.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Any person entering, using, or occupying the refuge for hunt must abide by all terms and conditions in the refuge hunting brochure.
D. Sport Fishing. Fishing and crayfishing are permitted on designated areas of the refuge subject to the following condition: Any person entering, using, or occupying the refuge for fishing or crayfishing must abide by all terms and conditions in the refuge fishing brochure.

LAKE OPHELIA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt duck, coots, woodcock, and snipe on designated areas of the refuge subject to the following condition: Hunters must possess a refuge daily permit.
B. Upland Game Hunting. Hunting of squirrel, rabbit and raccoon is permitted on designated areas of the refuge subject to the following condition: Daily permits are required.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Daily permits are required.
D. Sport Fishing. Anglers may fish in designated areas of the refuge subject to the following condition: Anglers must possess a refuge daily permit.

MANDALAY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved].
B. Upland Game Hunting. [Reserved].
C. Big Game Hunting. [Reserved].
D. Sport Fishing. Fishermen may sport fish subject to the following conditions:
1. Fishermen must possess a "free" refuge permit.
2. All persons entering, using or occupying the refuge must abide by all terms and conditions set forth in the appropriate refuge permit and brochure.

SABINE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Refuge hunting permits are required.
2. Any person entering, using or occupying the refuge must abide by all terms and conditions set forth in the hunting permit.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing, crabbing, and shrimp cast netting are permitted on designated areas of the refuge subject to the following conditions:
1. Refuge sport fishing permits are required.
2. Any person entering, using or occupying the refuge must abide by all terms and conditions set forth in the sport fishing permit.

TENSAS RIVER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of ducks, coots, woodcock and snipe is permitted on designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunting of squirrel, rabbit and raccoon is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Sport fishing is permitted on designated areas of the refuge subject to the following condition: Permits are required.

UPPER OUACHITA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt ducks, coots, and woodcock on designated areas of the refuge subject to the following condition: Permits required.
1. Hunting of ducks and coots is permitted until noon each day.
2. Boats, decoys and blinds must be removed from the refuge after each day’s hunt.
3. Woodcock hunting is permitted during the State season.
4. Hunting is not permitted during the special teal season.
5. Waterfowl and coot hunters shall possess and use, while in the field, only nontoxic shot.
6. Firearms must be unloaded while being transported in a vehicle or boat.
B. Upland Game Hunting. Hunters may hunt quail, squirrel, rabbit, raccoon and opossum on designated areas of the refuge subject to the following condition: Permits required.
1. Hunting of raccoon and opossum is permitted only during December and January of odd numbered years and only during the daylight hours during State squirrel season.
2. Feral hogs, coyotes and beaver may be taken during all refuge hunts.
3. Firearms must be unloaded while being transported in a vehicle or boat.
4. Nontoxic shot is required while hunting upland game species.
5. Dogs are allowed for hunting squirrels, rabbits and raccoon only from the end of the last refuge gun deer hunt to the end of small game season.
C. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the
refuge subject to the following condition: Permits required.

1. Hunters may hunt either-sex deer with firearms during the second and third either-sex firearms seasons for Union Parish.
2. Feral hogs, coyotes, and beaver may be taken during all refuge hunts.
3. Firearms must be unloaded while being transported in a vehicle or boat.
4. Only still hunting is permitted.
5. Deer stands may not be left unattended.

B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions: Hunter orange clothing or material.

C. Big Game Hunting. Hunters may hunt deer on designated areas of the refuge subject to the following conditions: 

1. Hunters must possess a refuge permit.
2. Designated youth hunting areas are open to individuals under 18 who possess a permit.
3. An adult must accompany youths under 15 years of age. Accompanying adults who possess a permit may hunt.
4. Hunters during the firearm deer season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches (10.16 square meters) of solid-colored hunter orange clothing or material.
5. Hunters must possess and use, while in the field, only nontoxic shot.

D. Sport Fishing. Anglers may fish in the waters of and from the banks of Sunkhaze Stream, Birch Stream, and Little Birch Stream, in accordance with state regulations.

§ 32.39 Maryland.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

MOOSEHORN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.

1. Hunters must possess a refuge permit.
2. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions: Hunters must possess a refuge permit.

1. The use of nonmotorized boats only is permitted on Bearce, Conic, and Cranberry Lakes.
2. Fishing is permitted during daylight hours only.

RACHEL CARSON NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, geese, coots, woodcock and snipe on designated areas of the refuge subject to the following conditions: Permits are required.

1. Hunters must possess a refuge permit.
2. Hunters must remove all personal property from the refuge after each day’s hunt.
3. Designated Youth Hunting Areas are open to individuals under 18 who possess a permit. An adult must accompany youths under 15 years of age. Accompanying adults possessing a permit may hunt.

B. Upland Game Hunting. Hunters may hunt pheasants on designated areas of the refuge subject to the following conditions:

1. Hunters must possess a refuge permit.
2. Hunters during the firearm deer season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches (10.16 square meters) of solid-colored hunter orange clothing or material.
3. Hunters must possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting. Hunters may hunt deer on designated areas of the refuge subject to the following conditions: Permits required.

1. Hunters must possess a refuge permit.
2. Designated youth hunting areas are open to individuals under 18 who possess a permit.
3. An adult must accompany youths under 15 years of age. Accompanying adults who possess a permit may hunt.
4. Hunters during the firearm deer season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches (10.16 square meters) of solid-colored hunter orange clothing or material.
5. Hunters must wear while in the field, only nontoxic shot.

D. Sport Fishing. [Reserved]

SUNKHAZE MEADOWS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge pursuant to State law.
B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following condition: Shotgun hunters will and possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Hunting of deer, moose, or bear is permitted on designated areas of the refuge subject to the following condition: Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.

D. Sport Fishing. Anglers may fish in the streams. Birch Stream, and Little Birch Stream, in accordance with state regulations.

§ 32.39 Maryland.

The following refuge units have been opened for hunting and/or fishing, and
A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunters may hunt deer and turkey on designated areas of the refuge subject to the following conditions:
1. Refuge permits are required.
2. The refuge is open to limited turkey hunting during the state spring turkey season.
3. Hunters may only use archery, shotguns, and muzzleloaders for deer, and shotguns only for turkey.
4. Hunters may not possess loaded weapons in parking areas, blacktopped or graveled roads.
5. Deer hunters must wear a hat or cap of hunter orange color when moving to or from their blind or hunting position.
6. Turkey hunters must wear a hat or cap of hunter orange color when moving to or from their blind or hunting position.
7. Only shotguns loaded with rifled slug or pumpkin ball in caliber or larger, with not less than 60 grains of black powder or equivalent in Pyrodex, shall be used for hunting deer during the firearm deer season.
8. During the firearm deer season, the use of bow and arrow is prohibited.
9. Hunting of upland game is suspended during the firearm deer season.
10. Hunters must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
11. Only portable deer stands with safety belts are permitted. Safety belts must be worn while in the stand.

D. Sport Fishing.

Anglers may saltwater fish from the Eastern Neck Island bridge in accordance with state regulations.
§ 32.40 Massachusetts.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

GREAT MEADOWS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted in designated areas of the refuge subject to the following conditions:
1. Fishing is permitted in designated waters of the refuge at designated times subject to the following conditions:
   1. Fishermen may fish only in delineated areas as shown on a map available at the refuge.
   2. Fresh water fishing and boating laws of the State of Maryland apply to include opening/closing of seasons and creel limits.
   3. Fishermen may use hook and line tackle and baits permitted by Maryland law, with the exception of live minnows or other fish.
4. Special provisions: Cash Lake, a 54 acre lake located on the South Tract requires a federal permit to fish, and a limit of 25 daily permits will be issued. Persons may request a permit application by contacting: National Wildlife Visitor Center, Laurel, Maryland, during normal working hours. Each request must include the person’s name, address, and phone number, and the model, year and license number of the vehicle that will drive to the refuge. You may request a fishing date 1 week prior to when you plan to fish. One licensed angler or up to two children under the age of 16 may accompany the permit holder. Open season is June 15 through October 15; 6 a.m. to legal sunset daily. You may fish for the following species: Bass, pickerel, catfish, and sunfish. Daily creel limits: bass, pickerel, catch and release only; catfish, 15 per day total fish limit. Permits will be issued. Persons may request a permit application by contacting: National Wildlife Visitor Center, Laurel, Maryland, during normal working hours. Each request must include the person’s name, address, and phone number, and the model, year and license number of the vehicle that will drive to the refuge. You may request a fishing date 1 week prior to when you plan to fish. One licensed angler or up to two children under the age of 16 may accompany the permit holder. Open season is June 15 through October 15; 6 a.m. to legal sunset daily. You may fish for the following species: Bass, pickerel, catfish, and sunfish. Daily creel limits: bass, pickerel, catch and release only; catfish, 15 per day total fish limit. You may not trailer boats to the parking area that is accessible from the Still River Depot Road. Entry by routes other than Still River Depot Road is prohibited.
B. Upland Game Hunting.
A. Hunting of upland game birds and small game is permitted on designated areas of the refuge subject to the following conditions:
   1. Vehicles are restricted to the designated parking area that is accessible from the Still River Depot Road. Entry by routes other than Still River Depot Road is permitted.

OXBOW NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted in designated areas of the refuge subject to the following conditions:
1. Fishing is permitted in designated waters of the refuge at designated times subject to the following conditions:
   1. Fishing is permitted in designated areas of the refuge subject to the following conditions:
      1. Fishing is permitted along the main channel of the Sudbury River, Concord River and along designated banks of Heard Pond with the following exception: Fishing is not permitted within refuge impoundments.
      2. Only foot access is permitted.

MONOMOY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted in designated areas of the refuge subject to the following condition: Anglers must actively fishing between sunset and sunrise.

NANTUCKET NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted on the ocean beach only.
2. A permit is required for the use of over-the-sand surf fishing vehicles.

OXBOW NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish along the banks of the Nashua River in accordance with state regulations.

PARKER RIVER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of woodcock and snipe is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted in designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted along the main channel of the Sudbury River, Concord River and along designated banks of Heard Pond with the following exception: Fishing is not permitted within refuge impoundments.
   2. Only foot access is permitted.

MONOMOY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted in designated areas of the refuge subject to the following conditions:
1. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted along the main channel of the Sudbury River, Concord River and along designated banks of Heard Pond with the following exception: Fishing is not permitted within refuge impoundments.
   2. Only foot access is permitted.

50 CFR Ch. I (10-1-98 Edition)
1. Hunters must possess a refuge permit.

D. Sport Fishing. Saltwater fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Saltwater fishing is permitted on the ocean beach only.

2. A permit is required for night fishing and for the use of over-the-sand surf-fishing vehicles.

§ 32.42 Minnesota.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

AGASSIZ NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of white-tailed deer and moose is permitted on designated areas of the refuge subject to the following conditions:

1. The construction or use of permanent blinds, platforms or ladders is not permitted.

2. All stands must be removed from the refuge at the end of each day’s hunt.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Ice Fishing.

i. Fishing is permitted from January 1 through the end of February during daylight hours only.

ii. Ice shanties, houses or shelters are not permitted on F Pool.

iii. Snowmobiles or all-terrain vehicles are not permitted.

2. Summer Fishing.

i. Fishing is permitted from May 15 through September 30 during daylight hours only.

ii. Fishing is permitted on the Creighton, Driggs and Manistique Rivers, Walsh Creek west of the Walsh ditch south to its entry into the C-3 Pool.

iii. Only bank fishing is permitted in refuge pools.

iv. Access to Driggs and Creighton Rivers, Walsh Creek and Walsh Ditch is limited to canoes without motors and to foot traffic along these watercourses.

SHIAWASSEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, and coots is permitted on designated areas of the refuge subject to the following conditions:

1. Permits are required.

2. Duck and coot hunting is permitted only in Pool 4 and associated marshes.

3. Goose hunting in designated cropland fields and areas of the Shiawassee River is permitted until 12 noon with a required check out time of 1 p.m.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. Permits may be required.

2. Hunters must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid colored hunter orange clothing or material.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is only permitted from boats; no bank fishing is allowed.

§ 32.41 Michigan.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

HARBOR ISLAND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of white-tailed deer and black bear is permitted on designated areas of the refuge.

D. Sport Fishing. [Reserved]

KIRTLAND’S WARBLER WILDLIFE MANAGEMENT AREA

A. Hunting of Migratory Game Birds. Hunting is pursuant to State regulation.

B. Upland Game Hunting. Hunting is pursuant to State regulation.

C. Big Game Hunting. Hunting is pursuant to State regulation.

D. Sport Fishing. [Reserved]

SENEY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of woodcock and snipe is permitted on designated areas of the refuge.

B. Upland Game Hunting. Hunting of grouse and snow-shoe hare is permitted on designated areas of the refuge.

C. Big Game Hunting. Hunting of deer and bear is permitted on designated areas of the refuge subject to the following condition: The use of dogs while bear hunting is not permitted.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is only permitted from boats; no bank fishing is allowed.

§ 32.42 Michigan.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

AGASSIZ NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of white-tailed deer and moose is permitted on designated areas of the refuge subject to the following conditions:

1. The construction or use of permanent blinds, platforms or ladders is not permitted.

2. All stands must be removed from the refuge at the end of each day’s hunt.

D. Sport Fishing. [Reserved]
§ 32.42

BIG STONE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of partridge, pheasant, gray and fox squirrel, cottontail rabbit, jackrabbit, and red and gray fox is permitted on designated areas of the refuge.

1. Only nontoxic shot may be used or possessed while hunting for partridge or ring-necked pheasant (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

   1. The construction or use of permanent blinds, platforms or ladders is not permitted.
   2. All stands must be removed from the refuge at the end of each day's hunt.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

   1. Nonmotorized boats or boats with electric motors are permitted in the Minnesota River channel only.
   2. Bank fishing only is permitted on refuge pools and open marshes.
   3. Ice fishing shelters must be removed from the refuge following each day's fishing activity.

FERGUS FALLS WETLAND MANAGEMENT DISTRICT

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted throughout the district except that no hunting is permitted on the Townsend, Headquarters, or Mavis Waterfowl Production Areas in Otter Tail County.

B. Upland Game Hunting. Upland game hunting is permitted throughout the district except that no hunting is permitted on the Townsend, Headquarters, or Mavis Waterfowl Production Areas in Otter Tail County.

C. Big Game Hunting. Big game hunting is permitted throughout the district except that no hunting is permitted on the Townsend, Headquarters, or Mavis Waterfowl Production Areas in Otter Tail County.

D. Sport Fishing. Sport fishing is permitted throughout the district except that no fishing is permitted on the Townsend, Headquarters, or Mavis Waterfowl Production Areas in Otter Tail County.

MINNESOTA VALLEY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt geese, ducks, and coots on designated areas of the refuge. Permits are required for special hunts.

B. Upland Game Hunting. Hunters may hunt upland game, except for furbearers and crows, on designated areas of the refuge consistent with State regulations, subject to the following conditions:

   1. Hunters may only use shotguns and bows and arrows in designated areas.
   2. Hunters may only use or possess nontoxic shot.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

   1. Permits may be required.
   2. The construction or use of permanent blinds or platforms is not permitted.
   3. All portable stands must be removed from the refuge at the end of each day's hunt.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

   1. Only bank fishing is permitted.
   2. Ice fishing is permitted when ice conditions are safe.
   3. Ice fishing shelters must be removed from the refuge following each day's fishing activity.

MORRIS WETLAND MANAGEMENT DISTRICT

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted throughout the district subject to the following condition:

   1. Hunters may not hunt on designated portions of the Edwards-Long Lake Waterfowl Production Area in Stevens County.

B. Upland Game Hunting. Upland game hunting is permitted throughout the district subject to the following condition:

   1. Hunters may not hunt on designated portions of the Edwards-Long Lake Waterfowl Production Area in Stevens County.

C. Big Game Hunting. Big game hunting is permitted throughout the district subject to the following condition:

   1. Hunters may not hunt on designated portions of the Edwards-Long Lake Waterfowl Production Area in Stevens County.

D. Sport Fishing. Sport fishing is permitted throughout the district subject to the following condition:

   1. Anglers may not fish on designated portions of the Edwards-Long Lake Waterfowl Production Area in Stevens County.

RICE LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of woodcock and common snipe is permitted on designated areas of the refuge.

1. Shotgun hunters may only use or possess nontoxic shot while hunting migratory game birds.

B. Upland Game Hunting. Hunters may hunt ruffed grouse, spruce grouse, grey and fox
squirrels, cottontail rabbit and snowshoe hare on designated areas of the refuge.

1. Shotgun hunters may only use or possess nontoxic shot while hunting upland game species (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. The construction or use of permanent blinds, platforms or ladders is not permitted.
2. All stands must be removed from the refuge at the end of each day's hunt.
3. Permits are required for firearms hunting.
4. Hunting of deer on the Rice Lake Unit is by firearm and archery; hunting on the Sandstone Unit is by archery only.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing from non-motorized boats or boats powered by electric motors is permitted only in designated areas.
2. Ice fishing is permitted on Mandy Lake when ice conditions are safe.
3. Ice fishing shelters must be removed from the refuge following each day's fishing activity.

RYDELL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved.]
B. Upland Game Hunting. [Reserved.]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. Permits are required to hunt white-tailed deer in the Special Permit Area of the refuge.
2. Hunting in the Special Permit Area is permitted with firearms only.
3. Hunters may not construct or use permanent blinds, permanent platforms, or permanent ladders. Hunters may use portable stands, but must remove them from the refuge at the end of each day's hunt.
4. Hunters who harvest deer in the Special Permit Area must take their deer to the refuge check station.
D. Sport Fishing. [Reserved.]

SHERBURNE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, rails, woodcock, and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Field possession of migratory game birds is not permitted on refuge areas closed to migratory game bird hunting.
2. Only nonmotorized boats are permitted, and they must be launched at designated access sites.
3. Boats, decoys and blinds must be removed from the refuge following each day's hunt except for blinds made entirely of marsh vegetation.
4. Entry to hunting areas is not allowed earlier than one and one-half hours before legal shooting hours.
5. Shotgun hunters may use or possess only nontoxic shot while hunting for migratory game birds.
B. Upland Game Hunting. Hunting of ruffed grouse, ring-necked pheasant, gray and fox squirrel, snowshoe hare, cottontail rabbit and jackrabbit is permitted on designated areas of the refuge.

1. Shotgun hunters may use or possess only nontoxic shot while hunting for all upland game species (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. The construction or use of permanent blinds, platforms or ladders is not permitted.
2. All stands must be removed from the refuge at the end of each day's hunt.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted on the St. Francis River only.
2. Nonmotorized boats are permitted only on designated areas of St. Francis River and must be launched from designated access points.

TAMARAC NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, rails, woodcock and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is in accordance with White Earth Reservation regulations on those portions of the Reservation that are a part of the refuge.
2. Blinds must be removed from the refuge following each day's hunt except for blinds made entirely of marsh vegetation.
B. Upland Game Hunting. Hunters may hunt ruffed grouse, red, gray and fox squirrel, cottontail rabbit, jackrabbit, snowshoe hare, red fox, raccoon, and striped skunk on designated areas of the refuge subject to the following conditions:

1. Hunting by tribal members is in accordance with White Earth Indian Reservation regulations on those parts of the Reservation that are part of the refuge.
2. Red fox, raccoon, and striped skunk may be hunted only from one-half hour before sunrise until sunset during open seasons for
other small game species. Dogs may not be used for fox or raccoon hunting.

3. Shotgun hunters may only use and possess nontoxic shot while hunting for all upland game species.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is in accordance with White Earth Reservation regulations on those parts of the Reservation that are a part of the refuge.
2. The construction or use of permanent blinds, platforms or ladders is not permitted.
3. All stands must be removed from the refuge at the end of each day’s hunt.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted in North Tamarac Lake, Wauboose Lake, and Two Island Lake, all year in accordance with State and/or White Earth Reservation regulations.
2. Fishing is permitted in Blackbird Lake and Lost Lake from the first day of the State walleye season through Labor Day under State and/or White Earth Reservation regulations.
3. Bank fishing only is permitted in an area 50 yards on either side of the Ottertail River Bridges on County Roads #26 and #126 during State seasons.
4. Fishing is permitted in Pine Lake from December 1 until March 31.

UPPER MISSISSIPPI RIVER NATIONAL WILDLIFE AND FISH REFUGE

Refer to §32.32 Illinois for regulations.

WINDOM WETLAND MANAGEMENT DISTRICT

A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds throughout the district except that hunters may not hunt on the Worthington Waterfowl Production Area in Nobles County.

B. Upland Game Hunting. Hunters may hunt upland game throughout the district except that hunters may not hunt on the Worthington Waterfowl Production Area in Nobles County.

C. Big Game Hunting. Hunters may hunt big game throughout the district except that hunters may not hunt on the Worthington Waterfowl Production Area in Nobles County.

D. Sport Fishing. Fishermen may fish throughout the district.

the following condition: Fishermen must possess a refuge public use permit.

**Morgan Brake National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of ducks, coots, snipe, and woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of quail, rabbit, squirrel, beaver, raccoon, and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Anglers may fish and frog in designated portions of the refuge subject to the following condition: Fishermen must possess a refuge public use permit.

**Noxubee National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunters may hunt waterfowl, coots, and woodcock on designated areas of the refuge subject to the following condition: Permits required.

B. Upland Game Hunting. Hunters may hunt quail, squirrel, rabbit, beaver, raccoon and opossum on designated areas of the refuge subject to the following condition: Permits required.

C. Big Game Hunting. Hunters may hunt white-tailed deer and turkey on designated areas of the refuge subject to the following condition: Permits required.

D. Sport Fishing. Anglers may fish on designated areas of the refuge subject to the following condition: Permits required.

**Panther Swamp National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of ducks, coots, snipe, and woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of quail, rabbit, squirrel, beaver, raccoon, and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Anglers may fish and frog in designated areas of the refuge subject to the following condition: Fishermen must possess a refuge public use permit.

**St. Catherine Creek National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, and coots in Gilliard Lake only subject to the following conditions:

1. Refuge permits required.
2. Hunters may hunt only on Tuesdays, Thursdays, and Saturdays from 1/2 hour before sunrise until 12:00 noon during the State season.
3. Hunters may not be on the refuge after 1:00 p.m.
4. Hunters may use portable blinds only and they must be removed after each hunt.
5. Hunters may use approved non-toxic shot only: possession or use of lead shot is prohibited.
6. Hunters may only use a maximum of 15 horse power outboard or electric motors.
7. Hunters may use retriever dogs.
8. Youth waterfowl hunters may hunt in Gilliard Lake only on the weekend after the state regular season closes.

B. Upland Game Hunting. Hunters may hunt rabbit, squirrel, and raccoon on designated areas of the refuge subject to the following conditions:

1. Refuge permits required, and raccoon hunters must have a special permit for raccoon night hunting.
2. Hunters may hunt rabbit and squirrel during two separate seasons, one without dogs and one designated with dogs.
3. Hunters may hunt raccoons, special permit required from 6 p.m. until 6 a.m. each night.
4. Hunters may hunt raccoons with dogs.

C. Big Game Hunting. Hunters may hunt deer and turkey on designated areas of the refuge subject to the following conditions:

1. Refuge permits required.
2. Archery and muzzle loading seasons are available. No gun hunts for deer.
3. Hunters may take either sex—4-points or greater (non-resident hunters may only harvest antlered deer).
4. Hunting allowed sunrise to sunset only.
5. Hunters may use portable deer stands and they must be removed after each hunt.
6. There will be a designated youth hunt for deer.
7. Youth hunters may hunt turkey on the Sibley unit on designated dates.

8. Five youth hunters will be lottery drawn and may hunt during the first weekend and five youth hunters during the second weekend.

9. Youth hunters must submit lottery applications to the refuge to be considered for the drawing.

D. Sport Fishing. Sport fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing and access is permitted during daylight hours only from March 1 through September 15 in areas designated by refuge signs and/or leaflets with the exception that fishing and access may be permitted year-round in some areas if designated by refuge signs and/or leaflets.
§ 32.44 Missouri.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BIG MUDDY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to posted regulations.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge subject to posted regulations.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to posted regulations.
D. Sport Fishing. Fishermen may fish on designated areas of the refuge subject to posted regulations.

MARK TWAIN NATIONAL WILDLIFE REFUGE
Refer to §32.32 Illinois for regulations.

MINGO NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of waterfowl is permitted on designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge subject to posted regulations.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to posted regulations.
D. Sport Fishing. Fishermen may fish on designated areas of the refuge subject to posted regulations.

SQUAW CREEK NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Only historic weapon hunting is permitted.
   3. Hunters are required to check in and out of the refuge.
   4. Stands must be removed from the refuge each day.
   5. Hunting is permitted only during the special hunt season established by the State for the refuge.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required.
   2. Only historic weapon hunting is permitted.
   3. Hunters are required to check in and out of the refuge.
   4. Stands must be removed from the refuge each day.
   5. Hunting is permitted only during the special hunt season established by the State for the refuge.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Fish, amphibians, reptiles and crustaceans may only be taken with hand-held pole and line or rod and reel.

SWAN LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese is permitted on designated areas
of the refuge subject to the following conditions:
1. Permits are required.
2. Hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only historic weapon hunting is permitted.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted from March 1 through October 15 during daylight hours only.
2. Only nonmotorized boats are permitted on refuge waters with the exception that the use of motors of 10 horsepower or less is permitted on Silver Lake.

§ 32.45 Montana.
The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BENTON LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge in accordance with maps and brochures available at refuge headquarters and signs posted on the area.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge in accordance with maps and brochures available at refuge headquarters and signs posted on the area.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may sport fish on designated areas of the refuge as posted by signs.

BLACK COULEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: Air-thrust boats and boats with motors greater than 10 horsepower are not permitted.
B. Upland Game Hunting. Hunting of upland game on designated areas of the refuge subject to the following condition: Air-thrust boats and boats with motors greater than 10 horsepower are not permitted.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

BOWDOIN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of waterfowl, coots, sandhill cranes, and mourning doves is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters are required to check in and out of the refuge.
2. Air-thrust boats and boats with motors greater than 10 horsepower are not permitted.
B. Upland Game Hunting. Hunting of pheasant, sharp-tailed grouse, sage grouse, gray partridge, fox and coyote is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting of fox and coyote is permitted from December 1 to March 1.
2. Hunters are required to check in and out of the refuge.
3. Hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

CHARLES M. RUSSELL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Refuge open to hunting of migratory game birds in accordance with State law.
B. Upland Game Hunting. Hunting of upland game birds, turkey and coyote is permitted on designated areas of the refuge subject to the following condition:
1. Coyote hunting allowed from the first day of antelope rifle season through March 1 annually.
C. Big Game Hunting. Hunters may hunt big game subject to refuge specific regulations as designated in refuge publications.
D. Sport Fishing. Refuge open to sport fishing in accordance with State law, and as specifically designated in refuge publications.

CREEDMAN COULEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: Air-thrust boats and boats with motors greater than 10 horsepower motors are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

HAIS TONE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. The refuge unit is open to the hunting of migratory game birds, but has no refuge-specific regulations as it follows guidelines set out in State law.

655
§ 32.45

B. Upland Game Hunting. Hunters may hunt upland game birds on designated areas of the refuge subject to the following conditions:
1. Hunters shall possess and use, while in the field, only non-toxic shot.
2. Upland Game Hunting. [Reserved]
3. Upland Game Hunting. [Reserved]
4. Upland Game Hunting. [Reserved]

C. Big Game Hunting.

D. Sport Fishing.

HALF BLOOD LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

HEWITT LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: Air-thrust boats and boats with greater than 10 horsepower motors are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

LAKE MASON NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: The use of motorized boats is not permitted.
B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge subject to the following condition: Hunters shall possess and use, while in the field, only non-toxic shot (non-toxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Refuge open to big game hunting in accordance with State law.
D. Sport Fishing. [Reserved]

LAKE THIBADEAU NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following condition: Air-thrust boats and boats with greater than 10 horsepower motors are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

LAMESTEER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. The refuge unit is open to the hunting of migratory game birds but has no refuge-specific regulations as it follows guidelines set out in State law.
B. Upland Game Hunting. The refuge unit is open to the hunting of upland game but has no refuge-specific regulations as it follows guidelines set out in State law.
C. Big Game Hunting. The refuge unit is open to big game hunting but has no refuge-specific regulations as it follows guidelines set out in State law.
D. Sport Fishing. Anglers may sport fish in accordance with State law.

LEE METCALF NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters may not use or possess more than 15 shells per day.
2. Shooting is permitted only from or within 10 feet of designated blinds.
3. Maximum of 5 hunters per blind.
4. Hunters are required to record hunt information at Hunter Access Points.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer and mule deer is permitted on designated areas of the refuge subject to the following conditions:
1. Only archery hunting is permitted.
2. Hunters are required to enter and exit and record hunt information at Hunter Access Points.
3. Deer stands left on the refuge must be identified with a name and address and be accessible to other hunters.
4. Deer may not be retrieved from closed areas without prior consent from the refuge staff.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge. All fishing is pursuant to State law.

MEDICINE LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of ducks, geese, snipe, and doves is permitted on designated areas of the refuge.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of sharp-tailed grouse is permitted on designated areas of the refuge.
D. Sport Fishing. Anglers may sport fish in accordance with State law and refuge restrictions as posted.

NATIONAL BISON NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of upland game subject to the following conditions:
1. Hunters may not use or possess more than 15 shells per day.
2. Shooting is permitted only from or within 10 feet of designated blinds.
3. Maximum of 5 hunters per blind.
4. Deer may not be retrieved from closed areas without prior consent from the refuge staff.
D. Sport Fishing. Anglers may sport fish in accordance with State law and refuge restrictions as posted.

NINE-PIPE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. The refuge unit is open to sport fishing but has no refuge-specific regulations as it follows guidelines set out in State law.

50 CFR Ch. I (10-1-98 Edition)
D. Sport Fishing. The refuge unit is open to sport fishing but has no refuge-specific regulations as it follows guidelines set out in State law.

PABLO NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. The refuge unit is open to sport fishing but has no refuge-specific regulations as it follows guidelines set out in State law.

RED ROCK LAKES NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following condition: Waterfowl and coot hunters shall possess and use, while in the field, only non-toxic shot.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer, elk, moose and pronghorn antelope is permitted on designated areas of the refuge.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is permitted from the third week of June through the end of the general State season.

SKEET LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. The refuge unit is open to the hunting of migratory game birds but has no refuge-specific regulations as it follows guidelines set out in State law.
B. Upland Game Hunting. Refuge is open to upland game hunting in accordance with State laws, regulations and subject to the following condition:
1. Coyote hunting allowed from the first day of antelope rifle season through March 1 annually.
C. Big Game Hunting. Hunters may hunt big game subject to refuge-specific regulations as designated in refuge publications.
D. Sport Fishing. The refuge unit is open to sport fishing but has no refuge-specific regulations as it follows guidelines set out in State law.

WAR HORSE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. The refuge unit is open to the hunting of migratory game birds but has no refuge-specific regulations as it follows guidelines set out in State law.
B. Upland Game Hunting. Hunting of upland game birds is permitted on designated areas of the refuge subject to the following conditions:
1. Coyote hunting allowed from the first day of antelope rifle season through March 1 annually.
2. Fishermen may hook and line fish during daylight hours with closely attended poles.
3. Fishermen may use only non-motorized vessels in the Chute, but must not leave vessels on the refuge overnight.
4. Fishermen must not use bow, crossbow, snagging devices, or spears while fishing.
5. Fishermen must not dig bait, net, frog, or collect mussels (clams).

657
D. Sport Fishing. Anglers may sport fish in accordance with state law and refuge restrictions as posted.

Desoto National Wildlife Refuge
Refer to §32.34 Iowa for regulations.

Fort Niobrara National Wildlife Refuge
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

North Platte National Wildlife Refuge
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

Valentine National Wildlife Refuge
A. Hunting of Migratory Game Birds. Hunters may hunt migratory birds on designated areas of the refuge subject to refuge specific regulations.
B. Upland Game Hunting. Hunters may hunt upland game on designated areas of the refuge subject to refuge specific regulations.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to refuge specific regulations.
D. Sport Fishing. Anglers may fish in designated portions of the refuge subject to refuge specific regulations.

§32.47 Nevada.
The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

Ash Meadows National Wildlife Refuge
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens, snipe, and doves is permitted on designated areas of the refuge.
B. Upland Game Hunting. Hunters may hunt quail, cottontail rabbits, and jackrabbits on designated areas of the refuge subject to the following conditions:
1. Hunters may hunt cottontail rabbits and jackrabbits only during the State quail hunting season.
2. Hunters must only use shotguns.

C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

Desert National Wildlife Refuge
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of bighorn sheep is permitted on designated areas of the range subject to the following conditions:
1. Bighorn sheep guides are required to obtain a Special Use Permit prior to taking clients onto the range.
2. Natural bighorn sheep mortality (pick-up heads) found on the range are government property and possession or removal of them from the range is not permitted.
D. Sport Fishing. [Reserved]

Pahranagat National Wildlife Refuge
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens, snipe, and mourning doves is permitted on designated areas of the refuge subject to the following conditions:
1. Only nonmotorized boats or other motorless flotation devices are permitted on the refuge hunting area during the migratory waterfowl hunting season.
2. Hunting of waterfowl, coots, and moorhens is permitted only on the opening weekend and Tuesday, Thursday, and Saturday throughout the remainder of the season.
B. Upland Game Hunting. Hunting of quail and rabbit is permitted on designated areas of the refuge subject to the following conditions:
Hunting of jackrabbit is permitted only during the regular State season for cottontail rabbit.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted year-round with the exception of North Marsh which is closed annually during the waterfowl hunting season.
2. Only non-motorized boats and boats with electric motors are permitted on Upper Lake, Middle Pond and Lower Lake.
3. The use of boats, rubber rafts or other flotation devices is not permitted on North Marsh.

Ruby Lake National Wildlife Refuge
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, moorhens, and snipe is permitted on designated areas of the refuge.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing is permitted from one hour before sunrise until two hours after sunset.
2. Only non-motorized boats and boats with electric motors are permitted on Upper Lake, Middle Pond and Lower Lake.
3. The use of boats, rubber rafts or other flotation devices is not permitted on North Marsh.
§ 32.49 New Hampshire.

GREAT BAY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:

1. Refuge Permits are required for the deer hunt.
2. Big game hunters are required to wear, in a conspicuous manner on the head, chest and back, a minimum of 400 square inches of solid-colored blaze orange clothing or material.
3. Sport Fishing. [Reserved]

STILLWATER MANAGEMENT AREA

A. Hunting of Migratory Game Birds. Hunting is allowed as per State law.
B. Upland Game Hunting. Hunting is allowed as per State law with certain restrictions as posted.

STILLWATER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting is allowed as per State law.
B. Upland Game Hunting. Hunting is allowed as per State law.
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:

1. Refuge Permits are required for the deer hunt.
2. Big game hunters are required to wear, in a conspicuous manner on the head, chest and back, a minimum of 400 square inches of solid-colored blaze orange clothing or material.
3. Sport Fishing. [Reserved]
§ 32.49

1. All persons while hunting migratory game birds, except waterfowl, must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
2. All hunting blind materials, boats, and decoys must be removed at the end of each hunting day. Permanent and pit blinds are not permitted.
3. The common snipe season on the refuge begins with the early woodcock south zone season. (The refuge common snipe season will continue through the end of the State-set common snipe season.)
4. Hunters shall possess and use, while in the field, only nontoxic shot.
5. All goose and duck hunting will close after the last day of the regular duck season for the south zone of New Jersey.
6. Snow goose hunting will begin with the Canada goose season for the south zone of New Jersey only.
7. Shotgun hunters will possess and use, while in the field, only nontoxic shot.

EDWIN B. FORSYTHE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds: Hunting of waterfowl, coots, moorhens and rails is permitted on designated areas of the refuge subject to the following conditions:

1. All hunting blind materials, boats, and decoys must be removed at the end of each hunting day. Permanent blinds are not permitted.
2. In Hunting Area C of the Barnegat Division, hunting is restricted to designated areas with each site limited to one party of hunters.
3. Use of Hunting Unit 3 of the Brigantine Division may be restricted to certified Young Waterfowl Program trainees for up to 30 days as posted.
4. Hunters may not use or possess more than 25 shells per day in Hunting Areas A, B, and C in the Barnegat Division and in Hunting Unit 1 in the Brigantine Division.
5. In Hunting Area B of the Barnegat Division, hunting is restricted to designated sites, with each site limited to one party of hunters. A minimum of six decoys per site is required.
6. No sites or areas may be occupied before 6:00 a.m. Access is by boat only.
7. Shotgun hunters will possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting.

C. Big Game Hunting.

D. Sport Fishing.

SUPAWNA MEADOWS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds.

B. Upland Game Hunting.

C. Big Game Hunting.

D. Sport Fishing.
U.S. Fish and Wildlife Serv., Interior

§ 32.50 New Mexico.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BITTER LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots, mourning doves and sandhill cranes is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters may hunt for migratory game birds only on Tuesdays, Thursdays, and Saturdays of each week until 1 p.m.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Pits and permanent blinds are not permitted.
4. Neither hunters nor dogs may enter closed areas to retrieve game.
5. Hunting in Hunt Area B is permitted on all days within the State authorized season.
6. Hunting in Hunt Area C is permitted from mid-October through the end of January, on Tuesday, Thursday, and Saturday of each week from one-half hour before sunrise to 1 p.m. Dove hunting is prohibited in Hunt Area C.

B. Upland Game Hunting. Hunting of pheasant, quail, cottontail, and jack rabbits is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters shall possess and use, while in the field, only nontoxic shot.
2. Hunting in Hunt Area B is permitted on all days within the State authorized season.
3. The hunting of rabbit and quail is prohibited in Hunt Area C.

C. Big Game Hunting. Hunting of mule deer and white-tailed deer is permitted on designated areas of the refuge.

D. Sport Fishing. [Reserved]

BOSQUE DEL APACHE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of mourning and white-winged doves is permitted on designated areas of the refuge subject to the following condition: Hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. Hunting of quail and cottontail rabbit is permitted on designated areas of the refuge subject to the following conditions:

1. Only shotguns and bows and arrows are permitted.
2. Hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting. Hunting of mule deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required for hunting in the Bottomlands Management Hunt Unit.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
§ 32.51

1. Fishing is permitted from April 1 through September 30.
2. Fishing is permitted from 1 hour before sunrise until 1 hour after sunset.
3. Frogging and the use of trotlines, spears, bows and arrows, boats and other flotation devices are not permitted.

LAS VEGAS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of mourning doves and Canada geese is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits and payment of a fee are required.
   2. Hunters shall possess and use, while in the field, only nontoxic shot.
   3. Hunters age 17 and under must hunt under the supervision of an adult age 21 or older.
   4. Hunters or dogs may not enter closed areas to retrieve birds.
   5. Canada goose hunting is permitted only on designated days of the week at certain hours as identified on the permit.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean from the refuge shoreline in accordance with state regulations.

MAXWELL NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean from the refuge shoreline in accordance with state regulations.

SEVILLETA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of mourning and white-winged doves, geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunters or dogs may not enter closed areas to retrieve birds.
   2. Permanent blinds are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

IROQUOIS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required for waterfowl hunting.
   2. Completion of the State waterfowl identification course is required.
   3. Hunting is not permitted from March 1 through September 30.
   4. Waterfowl hunters may not use or possess more than 15 shells per day.
   5. Waterfowl hunters must provide and use a minimum of six decoys per hunter.
   6. Waterfowl hunting is permitted from designated stands only, with a maximum of three hunters per stand.
   7. Hunting must occur within 50 feet of a stand marker, unless actively pursuing crippled birds.
   8. Hunting of Upland Game. Hunting of upland game birds, small game mammals, legally hunted furbearers and unprotected wildlife is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required for night hunting of furbearers.
   2. Hunting is not permitted from March 1 through September 30.
   3. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
   4. Shotgun hunters will possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

NEW YORK.
The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

AMAGANSETT NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

ELIZABETH A. MORTON NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted only on the beach and in areas not designated as closed.
   2. Fishing is permitted only during daylight hours.

IROQUOIS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required for waterfowl hunting.
   2. Completion of the State waterfowl identification course is required.
   3. Hunting is not permitted from March 1 through September 30.
   4. Waterfowl hunters may not use or possess more than 15 shells per day.
   5. Waterfowl hunters must provide and use a minimum of six decoys per hunter.
   6. Waterfowl hunting is permitted from designated stands only, with a maximum of three hunters per stand.
   7. Hunting must occur within 50 feet of a stand marker, unless actively pursuing crippled birds.
   8. Hunting of Upland Game. Hunting of upland game birds, small game mammals, legally hunted furbearers and unprotected wildlife is permitted on designated areas of the refuge subject to the following conditions:
   1. Permits are required for night hunting of furbearers.
   2. Hunting is not permitted from March 1 through September 30.
   3. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
   4. Shotgun hunters will possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).

Fishing is permitted from noon March 1 through October 31.
2. Fishing is permitted only in Lakes 13 and 14.
3. Boats are permitted on Lakes 13 and 14 only during the fishing season.
4. Fishing is not permitted within 150 feet of headgates.

SEVILLETA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of mourning and white-winged doves, geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunters or dogs may not enter closed areas to retrieve birds.
   2. Permanent blinds are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]

50 CFR Ch. I (10-1-98 Edition)
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:

1. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fishing is permitted only during daylight hours.
2. Fishing is permitted from July 15 through September 30 and from December 1 through the end of February with the exception that fishing is permitted at all times in Feeder Canal and Oak Orchard Creek.
3. Ice fishing is permitted on Ringneck, Schoolhouse and Center Marshes only from December 15 through the last day of February when conditions are safe.
4. The use of boats or other flotation devices is not permitted with the exception that nonmotorized boats may be used on Oak Orchard Creek from Knowlesville Road to the cable across the creek approximately two miles downstream.
5. Boats, structures or other equipment must be removed from the refuge after the completion of the day’s fishing activities.

§ 32.51

MONTEZUMA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of waterfowl is permitted on designated areas of the refuge subject to the following conditions:

1. Permits/reservations are required.
2. Hunting is permitted only on Tuesdays, Thursdays and Saturdays during established refuge seasons set within the New York State western zone seasons.
3. Each hunter shall not have more than 15 steel shot shells in his/her possession.
4. Only motorless boats are permitted on the refuge hunting area.
5. Completion of the New York State Waterfowl Identification Course is required.
6. Hunting ends each day at 12 noon local time.

All hunters must check out at the Route 89 Check Station by 1:00 p.m. local time.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:

1. All hunters must possess and return at day’s end a valid daily hunt permit card.
2. Hunting of deer is permitted on designated portions of the refuge by archery, shotgun, or muzzleloader only during established refuge seasons set within the general State deer season.
3. Hunters are permitted on the refuge one hour before legal sunrise and one hour after legal sunset.
4. Only portable tree stands may be used and must be removed from the refuge each day.
5. All firearms must be unloaded before legal sunrise and after legal sunset.
6. All bows must be disassembled, locked, or cased before legal sunrise and after legal sunset.
7. Hunters during the refuge firearms season, must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.

D. Sport Fishing. Anglers may access the New York State Barge Canal System waters at only three sites on the refuge: the Seneca River Fishing Access Site, the May’s Point Fishing Area, and the Armitage Road Fishing Area. Anglers may either bank fish or boat fish, in accordance with state regulations.

OYSTER BAY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Anglers may fish in refuge-controlled waters of Oyster Bay. Anglers may also fish from designated areas on the refuge shoreline at Mill Pond during daylight hours. All fishing within the refuge is in accordance with state regulations.

SEATUCK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

TARGET ROCK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Shore and boat fishing is permitted on that portion of the Carmans River between Sunrise and Montauk Highways.
§ 32.52

2. Only boat fishing is permitted from Montauk Highway south to the mouth of the Carmans River.
3. Fishing is permitted only during daylight hours.
4. Spearfishing and taking of baitfish and frogs is not permitted.


§ 32.52 North Carolina.

The following refuge units have been opened to hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

**Alligator River National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of swans, geese, ducks, coots, snipe, mourning doves and woodcock is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. Hunting of squirrel, rabbit, quail, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Fishing and frogging are permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted year-round only from sunrise to sunset.
   2. Only the use of pole and line, rod and reel or cast net is permitted.
   3. A permit is required for night fishing.
   4. Frogs may be taken by the use of frog gigs only. A permit is required.

**Cedar Island National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunters shall possess and use, while in the field, only nontoxic shot.
   2. Only portable blinds are permitted.
   3. Blinds must be removed from the refuge following each day’s hunt.
   4. Ducks and coots may be taken only during the State waterfowl seasons occurring during November, December and January.
   5. Upland Game Hunting. [Reserved]
   6. Big Game Hunting. [Reserved]
   7. Sport Fishing. [Reserved]

**Great Dismal Swamp National Wildlife Refuge**

Refer to §22.66 Virginia for regulations.

**Mackay Island National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted only from sunrise to sunset from March 15 through October 15 with the exception that bank fishing is permitted in Corey’s Ditch and the canal adjacent to the Knotts Island Causeway year-round.
   2. All fishing lines must be attended.
   3. Airboats are not permitted.

**Mattamuskeet National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of swans, ducks and coots is permitted on designated areas of the refuge subject to the following condition: Permits are required.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the refuge subject to the following condition:
   1. Hunters must possess a refuge permit.

D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing and crabbing are permitted from March 1 through November 1 from 1 1/2 hour before sunrise to 1 1/2 hour after sunset or as posted.
   2. Bank fishing and crabbing are permitted year-round along the Highway 94 Causeway and in the immediate vicinity of the Lake Landing water control structure, the Rose Bay water control structure, and the Outfall Canal water control structure. Other areas open to this activity are the Central Canal and East and West Main Canal as signed. Bank fishing and crabbing is permitted from one half hour before sunrise to one-half hour after sunset except that the Highway 94 Causeway is open to fishing and crabbing 24 hours per day.
   3. Fishermen may not dip herring (alewife).
   4. All fish lines and crabbing equipment must be attended. Crabbing equipment is restricted to five handlines and/or hand-activated traps per person. The catch/possession limit is 12 blue crabs per day per person.
   5. Airboats, sailboats, wind surfers, and jet skis are not permitted.
   6. Bank fishing is prohibited along the entrance road from Highway 94 to the Refuge Headquarters.
§ 32.52

PEA ISLAND NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following condition: Fishing and crabbing are prohibited in North Pond, South Pond and Newfield impoundments.

PEE DEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt mourning doves on designated areas of the refuge subject to the following condition:
1. Hunters must possess a refuge permit.
2. Upland Game Hunting. Hunters may hunt quail, squirrel, rabbit, raccoon and opossum on designated areas of the refuge subject to the following condition:
3. Hunters must possess a refuge permit.
4. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the refuge subject to the following condition:
5. Hunters must wear 500 square inches of fluorescent orange material above the waist, visible from all directions.
6. Possession of buckshot or slugs while hunting with dogs is prohibited.
7. Hunters shall use only shotguns and/or 22 caliber rim-fire rifles for upland game hunts.
8. Hunters shall possess and use, while in the field, only nontoxic shot on designated areas of the refuge subject to the following conditions:
9. Each hunter must wear 500 square inches of fluorescent orange material above the waist visible from all directions during the muzzle loading and gun seasons.
10. Only shotguns, muzzle-loaders, and bow and arrow are allowed for big game hunts.
11. Firearms must be unloaded and encased while being transported by a vehicle or boat under power.
12. Access permitted 1½ hours before and after legal shooting time.
13. Hunters shall possess and use, while in the field, only nontoxic shot on designated areas of the refuge subject to the following conditions:
14. Each hunter must wear 500 square inches of fluorescent orange material above the waist visible from all directions during the muzzle loading and gun seasons.
15. Only shotguns, muzzle-loaders, and bow and arrow are allowed for big game hunts.
16. Firearms must be unloaded and encased while being transported by a vehicle or boat under power.
17. Access permitted 1½ hours before and after legal shooting time.
19. Upland Game Hunting. Hunting of quail, squirrel, raccoon, opossum, rabbit, and fox is permitted on designated areas of the refuge subject to the following conditions:
20. Permits are required for any night hunting.
21. Access permitted 1½ hours before and after legal shooting time.
22. Firearms must be unloaded and encased while being transported by a vehicle or boat under power.
23. Hunting is permitted during State season except opossum and raccoon hunting will be closed during State bear season including 5 days before and after that season.
24. Hunters must wear 500 square inches of fluorescent orange material above the waist, visible from all directions.
25. Possession of buckshot or slugs while hunting with dogs is prohibited.
26. Hunters shall use only shotguns and/or 22 caliber rim-fire rifles for upland game hunts.
27. Hunters shall possess and use, while in the field, only nontoxic shot on designated areas of the refuge subject to the following conditions:
28. Each hunter must wear 500 square inches of fluorescent orange material above the waist visible from all directions during the muzzle loading and gun seasons.
29. Only shotguns, muzzle-loaders, and bow and arrow are allowed for big game hunts.
30. Firearms must be unloaded and encased while being transported by a vehicle or boat under power.
31. Access permitted 1½ hours before and after legal shooting time.
32. Hunting permitted during State season.
33. Dogs are not permitted.
34. All stands must be removed from the refuge following each day’s hunt. The construction or use of permanent stands, blinds, platforms, or ladders is prohibited.
35. Archery hunting on the Pungo Unit is permitted during the regular State archery season and from November 1 through 30. State bag limits apply.
36. Shotgun, muzzle-loaders, and bow and arrow are permitted on the Pungo Unit subject to the following condition: Permits are required.
37. The refuge portion of New Lake and the Pungo Lake is open to fishing from March 1 to November 1. The public may not access the refuge portion of New Lake and Pungo Unit during the period from November 2 to
§ 32.53 North Dakota.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ARROWWOOD NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of pheasant, sharp-tailed grouse, partridge, rabbit and fox is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted from December 1st through the end of the regular seasons.
2. Hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Hunting of deer is permitted on designated areas subject to the following condition: Permits are required.
D. Sport Fishing. Anglers may sport fish in accordance with state law and refuge restrictions as posted.

AUDUBON NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of ring-necked pheasants, gray partridge and sharp-tailed grouse is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted from December 1 until the close of the State season.
2. Only nontoxic shot is permitted for upland game hunting (nontoxic shot regulation to be effective starting with the 1996-97 hunting seasons).
3. All islands are closed to hunting.
4. Vehicle use is restricted to the tour route road only.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Rifle and muzzleloader deer hunting opens according to State regulations.
2. Refuge and State permits are required for the first one and one-half days of the State rifle season.
3. Orange clothing is required for deer hunters as per State regulations.
4. Hunting with bow and arrow is permitted only the day following the close of the State deer firearms season through the close of the State archery season.
5. All islands are closed to hunting.
6. All refuge roads are closed for use by rifle deer hunters except for retrieval of deer.
7. Muzzleloader and archery deer hunters may use the auto tour route for access during the hunt and all roads for retrieval of deer.
D. Sport Fishing. Anglers may sport fish in accordance with state law and refuge restrictions as posted.

CHASE LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas subject to the following condition: Archery hunting is permitted through the day before the opening of the State waterfowl season, and it is permitted following the deer gun season.
D. Sport Fishing. [Reserved]
§ 32.53

DES LACS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunters may hunt ringnecked pheasants, sharp-tailed grouse, gray partridge, turkey, cottontail rabbit, jackrabbits, snowshoe hare and fox on designated areas of the refuge subject to the following conditions:
   1. Only nontoxic shot or falconry may be used.
   2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
   3. The upland game bird and rabbit hunting season is from December 1 through March 31.

C. Big Game Hunting. Hunters may hunt deer on designated areas of the refuge subject to the following conditions:
   1. Archers may hunt throughout the entire State archery season.
   2. Deer hunting with rifle and muzzleloader is subject to all State regulations and license units.
   3. The upland game bird and rabbit falconry season is from December 1 through the close of the State waterfowl season.

D. Sport Fishing. [Reserved]

J. CLARK SALYER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge.

B. Upland Game Hunting. Hunting of pheasant, partridge, grouse, turkey and fox is permitted on designated areas of the refuge subject to the following conditions:
   1. Only nontoxic shot or falconry may be used.
   2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
   3. The upland game bird and rabbit hunting season is from December 1 through March 31.
   4. Only archery hunting is permitted on designated areas of the refuge subject to the following conditions:
      1. Only nontoxic shot or falconry may be used.
      2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
      3. The upland game bird and rabbit hunting season is from December 1 through March 31.

C. Big Game Hunting. Hunters may hunt deer on designated areas of the refuge subject to the following conditions:
   1. Archers may hunt throughout the entire State archery season.
   2. Deer hunting with rifle and muzzleloader is permitted on designated areas of the refuge subject to the following conditions:
      1. Only nontoxic shot or falconry may be used.
      2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
      3. The upland game bird and rabbit hunting season is from December 1 through March 31.

D. Sport Fishing. [Reserved]

LAKE ILO NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Deer hunting with rifle and muzzleloader is subject to all State regulations and license units.
   2. Deer archery hunting is open the day following the close of the rifle deer hunting season through the close of the State archery season.

D. Sport Fishing. [Reserved]

LAKE NETTIE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of ringnecked pheasant, sharp-tailed grouse and gray partridge is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunters may only possess and use nontoxic shot.
   2. Hunters may enter the refuge on foot only.
   3. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
      1. Only archery hunting is permitted.
      2. Hunting is not permitted from the opening day of the State waterfowl season through the close of the State deer gun season.

D. Sport Fishing. [Reserved]

LAKE ZAHL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved.

D. Sport Fishing. [Reserved.

LONG LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of ringnecked pheasant, sharp-tailed grouse and gray partridge is permitted on designated areas of the refuge subject to the following conditions:
   1. Only nontoxic shot or falconry may be used.
   2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
   3. The upland game bird and rabbit hunting season is from December 1 through March 31.
   4. Only archery hunting is permitted on designated areas of the refuge subject to the following conditions:
      1. Only nontoxic shot or falconry may be used.
      2. Upland game birds and rabbit shotgun season is from December 1 through the end of the State season.
      3. The upland game bird and rabbit hunting season is from December 1 through March 31.

D. Sport Fishing. [Reserved]
§ 32.53

areas of the refuge subject to the following conditions:
1. Only steel shot may be used (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
2. Upland gamebird season is from December 1 through the end of the State season.
C. Big Game Hunting. Hunting of deer only is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters must enter the refuge on foot only.
2. Archery hunting is not allowed during the firearm deer season.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Bank fishing is restricted to public use areas on Unit 1, Unit 2, and Long Lake Creek.
2. Boat fishing is restricted to Unit 1.
3. Boats are restricted to 25 HP maximum.
4. Boats are restricted to the period from May 1 through September 30.
5. Ice fishing is restricted to Unit 1.
6. Ice houses must be removed by March 1 annually.

LOSTWOOD NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of partridge and sharp-tailed grouse is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is not permitted on the portion of the refuge south of Highway 50 during the State deer gun season.
2. Hunting is permitted on the portion of the refuge north of Highway 50 only after the close of the State deer gun season.
3. Hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Hunting of deer only is permitted on designated areas of the refuge subject to the following conditions:
1. Refuge and State permits are required for the first one and one half days of the State deer season. Archery hunting is open from the opening of the firearms season until the close of the State archery season. All State regulations pertaining to archery and firearms deer hunting apply.
D. Sport Fishing. [Reserved]

SIBLEY LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
D. Sport Fishing. [Reserved]

SLADE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
D. Sport Fishing. [Reserved]

SIBLEY LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions: Permits are required.
D. Sport Fishing. [Reserved]

Tewaukon National Wildlife Refuge
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunters may hunt ring-necked pheasants on designated areas of the refuge subject to the following conditions:
1. Hunters may only possess and use nontoxic shot.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

UPPER SOURIS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Deer hunting is permitted on designated areas of the refuge subject to the following conditions:
1. Designated areas are closed during the waterfowl season.
2. Hunters may only possess and use nontoxic shot.
§ 32.54 Ohio.

The following refuge units have been opened to hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

CEDAR POINT NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is allowed from June 1 through August 31 during daylight hours only.
   2. Boats or flotation devices are not permitted.

OTTAWA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese and ducks is permitted on designated areas of the refuge subject to the following conditions:
   1. Prohibited off-road vehicle use.
   2. Hunters may not build permanent blinds.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is allowed from June 1 through August 31 during daylight hours only.
   2. Boats or flotation devices are not permitted.
   3. Fishing is restricted to persons 16 years or younger or 65 years or older.

DEEP FORK NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunters may hunt rabbits, squirrels and raccoons on portions of the refuge subject to the following exceptions and conditions:
   1. Hunters may hunt squirrels on portions of Deep Fork National Wildlife Refuge during the state season except the refuge is closed during the first half of archery deer season through rifle deer season and spring turkey season.
   2. Hunters may only use shotguns with #4 or smaller, non-toxic shot.
   3. The refuge leaflet designates all hunting and parking areas.
   4. Hunters may hunt raccoons on portions of Deep Fork National Wildlife Refuge during January. Refuge permits required. Dogs allowed. Raccoon hunters may use mules only in one area as designated on refuge permit.
C. Big Game Hunting. Hunters may hunt white-tailed deer on designated portions of Deep Fork NWR subject to the following conditions:
   1. Bank fishing is permitted year-round on the Deep Fork River. Bank fishing with pole and line is permitted from March 1 through September 30 on the sloughs separated from the Deep Fork River.
   2. Boats may be launched on the refuge from access points designated in the refuge leaflet. Only small boats or canoes will be permitted on the refuge.
   3. The use of firearms is prohibited.

LITTLE RIVER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt waterfowl (ducks) on designated areas of the refuge subject to the following conditions:
   1. Prohibited off-road vehicle use.
   2. Hunters may not build permanent blinds.
§ 32.55

3. Hunters may hunt only from one-half hour before sunrise until noon each day.
4. Hunters must carry refuge hunting permits.
5. Hunters may hunt waterfowl (ducks) only during designated refuge seasons.

B. Upland Game Hunting.
1. Hunters may hunt mourning dove is permitted on designated areas of the refuge subject to the following conditions:
   a. Turkey hunters must obtain permits and pay fees.
   b. Prohibited off-road vehicle use.
   c. Hunters may hunt upland game only during designated refuge seasons.
   d. Hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting.
1. Only shotguns are permitted.
2. Prohibited off-road vehicle use.
3. Prohibited off-road vehicle use.

D. Sport Fishing.
1. Fishing is permitted on designated areas of the refuge.
2. Prohibited off-road vehicle use.
3. Prohibited off-road vehicle use.
4. Prohibited off-road vehicle use.

5. Taking any type of bait from refuge lands or waters is not permitted.

SEQUOYAH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds.
1. The Sequoyah National Wildlife Refuge is open during seasons, dates, and times as posted by signs and/or indicated on refuge leaflets, special regulations, permits, and maps.
2. All hunters shall possess and use, while in the field, only nontoxic shot.
3. Hunters may not build pits or permanent blinds.
4. Neither hunters nor dogs may enter closed areas to retrieve game.
5. Hunters may only hunt with shotguns and bows with arrows (excluding broadhead arrows).
6. Hunters must remove decoys, boats and other personal property from the refuge following each day's hunt.
7. Hunters may not hunt or shoot within 500 feet (15.24 meters) of designated roads or parking areas.
8. Hunters may only hunt within 50 feet (15.24 meters) of designated roads or parking areas.
5. Hunters may only hunt with shotguns and bows with arrows (excluding broadhead arrows).

C. Big Game Hunting. Hunters may hunt white-tailed deer on designated areas of the refuge subject to the following conditions:
1. Hunters must pay fees and obtain a refuge permit.
2. All hunters must attend a hunter orientation briefing prior to each hunt.
3. Deer hunters may hunt from March 1 through September 30 in designated refuge areas.
4. Refuge bonus deer gun hunts are by special permit only.

D. Sport Fishing. Fishing and frogging are permitted on designated areas of the refuge subject to the following conditions:
1. The Sequoyah National Wildlife Refuge is open to fishing as specified on refuge leaflets, special regulations, permits, maps, or as posted on signs.
2. Fishing and frogging are not permitted in the Sandtown Bottom area from one hour after sunset to one hour before sunrise.
3. The use of firearms for taking frogs is not permitted.
4. Fishermen may not take turtles or mussels.

TISHOMINGO NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of mourning doves and waterfowl is permitted on the Tishomingo Wildlife Management Unit of the refuge subject to the following conditions:
1. The Tishomingo Wildlife Management Unit is open during seasons, dates and times as posted by signs and/or indicated on refuge leaflets, special regulations, permits and maps.
2. Hunters are required to check in and out of the unit at designated areas.
3. Hunters shall possess and use, while in the field, only nontoxic shot.
4. Dove hunting is permitted from September 1 through September 30th only.
5. Upland Game Hunting. Hunters may hunt quail, squirrel, turkey and rabbits on the Tishomingo Wildlife Management Unit of the refuge subject to the following conditions:
1. Upland game hunting is not permitted during deer archery and dark goose seasons.
2. Only shotguns using nontoxic shot and bows and arrows are permitted.
3. Hunters are required to check in and out of the unit at designated areas.
4. Turkey hunters may only hunt during the statewide spring shotgun season and during the fall archery season.
5. Big Game Hunting. Hunting of whitetailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions:
1. Deer hunting on the Wildlife Management Unit is permitted only during the statewide deer archery season.
2. Refuge bonus deer gun hunts are by special permit only.
3. Hunters are required to check in and out of the unit at designated areas.

WASHITA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of goose and sandhill cranes is permitted on designated areas of the refuge subject to the following condition: Permits and payment of a fee are required.
B. Upland Game Hunting. Hunters may hunt quail and rabbit on designated areas of the refuge in accordance with State hunting regulations subject to the following conditions:
1. Shotguns only are permitted.
2. Closed during the State gun deer season.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish in designated areas of the refuge in accordance with State fishing regulations subject to the following conditions:
1. Anglers may fish from March 15 through October 14 in the Washita River and Foss Reservoir. Anglers may bank fish year round from the refuge boundary south of Lakeview Recreation to Pitts Creek Recreation Area.
§ 32.56  

2. Anglers may access fishing areas only from designated parking areas and by boat from Foss Reservoir.

3. Boats and other flotation devices are not permitted on refuge waters from October 15 through March 14.

WICHITA MOUNTAINS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of elk and white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits and payment of a fee are required.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:

1. Fish may be taken only with pole and line or rod and reel.

2. Taking any type of bait from refuge lands or waters is not permitted.

3. Taking of frogs and turtles is not permitted.

4. Hand-powered boats are permitted only on Jed Johnson, Rush, Quanah Parker, and French Lakes.

5. Anglers may use electric trolling motors on boats 14 or less in length only on Jed Johnson, Rush, Quanah Parker and French Lakes.


§ 32.56 Oregon.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ANKENY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of doves and pigeons is permitted on designated areas of the refuge subject to the following condition: Dove and pigeon hunters must check in and out of the refuge by use of self-service permits.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

BASKETT SLOUGH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. [Reserved]

BEAR VALLEY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of deer only is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting opens concurrent with the State season and closes October 31.

2. No hunting or public entry of any kind is permitted from November 1 to March 31.

D. Sport Fishing. [Reserved]

COLD SPRINGS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted from November 1 to March 31.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of pheasant, chukar, Hungarian partridge, and quail is permitted on designated areas of the refuge subject to the following conditions:

1. The refuge is open from 5 a.m. to one and one-half hours after sunset. Decoys and other personal property may not be left on the refuge overnight.

2. Hunting is permitted only on Tuesdays, Thursdays, Saturdays, Thanksgiving Day, Christmas Day and New Year’s Day.

3. Waterfowl hunters are required to space themselves a minimum of 200 yards apart.

4. The use of boats is not permitted.

5. Hunters may not possess more than 25 shells while in the field.

6. Use of non-motorized boats and boats with electric motors is prohibited from March 1 through September 30.

7. Bank fishing only is permitted from October 1 through the last day of February from the west inlet canal across the face of the dam.

D. Sport Fishing. [Reserved]
3. **Bank fishing** is permitted in the borrow ditches adjacent to the Silver Lake Highway and along the shoreline of Wocos Bay.

4. The refuge is open from 5 a.m. to 1½ hours after sunset.

**DEER FLAT NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** Hunting of doves, geese, ducks, coots and common snipe is permitted on the Snake River sector subject to the following conditions:
   1. Only portable blinds and temporary blinds constructed of natural materials are permitted.
   2. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. **Upland Game Hunting.** Hunting of upland game is permitted on the Snake River Sector subject to the following conditions:
   1. Hunting is not permitted from February 1 through May 31.
   2. Pheasant, quail, and partridge hunters shall possess and use, while in the field, only nontoxic shot.

C. **Big Game Hunting.** Hunting of deer is permitted on designated areas of the refuge subject to the following condition: Hunting is permitted only on the Snake River Sector.

D. **Sport Fishing.** Fishing is permitted on designated areas of the refuge subject to the following condition: Shoreline fishing is not permitted on the islands of the Snake River Sector from February 1 through May 31.

**HART MOUNTAIN NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** [Reserved]

B. **Upland Game Hunting.** Hunters may hunt partridge and coyote on designated areas of the refuge.

C. **Big Game Hunting.** Hunting of deer, antelope and bighorn sheep is permitted on designated areas of the refuge.

D. **Sport Fishing.** Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is permitted only in Rock Creek, Guano Creek and Warner Pond.

**KLAMATH FOREST NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** Hunting of doves, geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:
   1. The use of air-thrust and inboard water-thrust boats is not permitted.
   2. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. **Upland Game Hunting.** Hunting of upland game is permitted on designated areas of the refuge subject to the following conditions:
   1. Only portable blinds and temporary blinds constructed of natural materials are permitted.
   2. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

C. **Big Game Hunting.** Hunting of deer, antelope and bighorn sheep is permitted on designated areas of the refuge.

D. **Sport Fishing.** Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is permitted only in Rock Creek, Guano Creek and Warner Pond.

**LEWIS AND CLARK NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** Hunting of doves, geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:
   1. Only unloaded firearms may be carried on hunter access routes open to motor vehicles or when taken through posted retrieving zones when traveling to and from the hunting areas.
   2. Decoys may not be set in retrieving zones.
   3. The use of air-thrust and inboard water-thrust boats is not permitted.
   4. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. **Upland Game Hunting.** [Reserved]

C. **Big Game Hunting.** [Reserved]

D. **Sport Fishing.** Anglers may fish in designated areas of the refuge.

**LOWER KLAMATH NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:
   1. Only unloaded firearms may be carried on hunter access routes open to motor vehicles or when taken through posted retrieving zones when traveling to and from the hunting areas.
   2. Hunters shall possess and use, while in the field, only nontoxic shot.

B. **Upland Game Hunting.** [Reserved]

C. **Big Game Hunting.** [Reserved]

D. **Sport Fishing.** [Reserved]

**MALHEUR NATIONAL WILDLIFE REFUGE**

A. **Hunting of Migratory Game Birds.** Hunting of doves, geese, ducks, coots, common snipe and pigeons is permitted on designated areas of the refuge subject to the following conditions:
   1. Hunters may hunt pheasant, quail, partridge and rabbit from the third Saturday in November to the end of the pheasant season in designated areas of the Blitzen Valley east of Highway 20S, and on designated areas open to waterfowl hunting.
   2. Hunters may hunt all upland game species during authorized State seasons on the refuge area west of Highway 20S and south of Foster Flat Road.
§ 32.56

MCKAY CREEK NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:
1. The refuge is open from 5 a.m. to one and one-half hours after sunset. Decoys and other personal property may not be left on the refuge overnight.
2. Hunting is permitted only on Tuesdays, Thursdays, Saturdays, Thanksgiving Day, Christmas and New Year's Day.
3. Waterfowl hunters are required to space themselves a minimum of 200 yards apart.
4. Hunters may not possess more than 25 shells while in the field.
5. Permits are required for the opening weekend of the season when it coincides with the season opening for upland game birds.
6. The use of boats is prohibited.
7. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
8. Upland Game Hunting. Hunting of pheasant, chukar, Hungarian partridge, and quail is permitted on designated areas of the refuge subject to the following conditions:
   1. The refuge is open from 5 a.m. to one and one-half hours after sunset.
   2. Hunting is permitted only on Tuesdays, Thursdays, Saturdays, Thanksgiving Day, Christmas Day and New Year's Day.
   3. Hunters shall possess and use, while in the field, only nontoxic shot.
   4. Hunters may not possess more than 25 shells while in the field.
   5. Permits are required for the opening weekend of the season.

B. Upland Game Hunting.

C. Big Game Hunting.

D. Sport Fishing.

SHeldon NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of quail, grouse, and partridge is permitted on designated areas of the refuge subject to the following conditions:
1. The refuge is open from 5 a.m. to one and one-half hours after sunset except for the Hunter Check Station parking lot at the McCormack Unit which is open each morning two hours prior to State shooting hours for waterfowl. Decoys, boats and other personal property must be removed from the refuge following each day's hunt.
2. In the McCormack Unit, hunting is permitted only on Wednesdays, Saturdays, Sundays, Thanksgiving Day, and New Year's Day.
3. Waterfowl hunting parties in the Boardman Unit are required to space themselves a minimum of 200 yards apart.
4. Hunters may not possess more than 25 shells while in the field.
5. Permits are required for hunting on the McCormack Unit.
6. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. Hunting of pheasant, chukar, Hungarian partridge, and quail is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting of upland game birds is not allowed until noon of each hunt day.
2. In the McCormack Unit, hunting is permitted only on Wednesdays, Saturdays, Sundays, Thanksgiving Day, and New Year's Day.
3. Hunters shall possess and use, while in the field, only nontoxic shot.
4. Hunters may not possess more than 25 shells while in the field.
5. Permits are required for hunting on the McCormack Unit.
6. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting. Hunters may hunt deer on designated areas of the refuge subject to the following condition:
1. Hunting by permit only.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. The refuge is open from 5 a.m. to one and one-half hours after sunset.
2. Fishing is permitted on refuge impoundments and ponds from February 1 through September 30. Other refuge waters (Columbia and its backwaters) are open in accordance with State regulations.
§ 32.57 Pennsylvania.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

**Erie National Wildlife Refuge**

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is permitted on the refuge from September 1 through the end of February.
2. Only motorless boats are permitted for waterfowl hunting. Boats and decoys must be removed from the refuge at the end of each day’s hunt.
3. No dog training.
4. Upland Game Hunting. Hunters may hunt grouse, squirrel, rabbit, woodchuck, pheasant, quail, raccoon, fox, skunk, opossum and coyote on designated areas of the refuge subject to the following conditions:
   - Permits are required for hunting fox and raccoon.
   - Hunting is not permitted from March 1 through August 31.
   - Upland game hunters must wear on head, chest and back, a minimum of 400 square inches of blaze orange material.
   - Pheasant hunting is not permitted on the Sugar Lake Division.
   - Dog trainers must obtain permits.
   - Big Game Hunting. Hunting of deer and turkey is permitted on designated areas of the refuge subject to the following conditions:
     - Hunters may hunt only from September 1 through February 28 except for spring turkey season.
     - Hunters must remove blinds, platforms, scaffolds, and/or tree stands from the refuge daily.
     - All deer hunters must wear on head, chest and back, a minimum of 400 square inches of blaze orange material during antlered, antlerless and muzzleloader seasons.
   - Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
     - Fishing is permitted only during daylight hours.
     - Boats without motors are permitted 3,000 feet (to the buoyline) above the Pool 9 dike from the second Saturday in June through September 15.
     - Ice Fishing is permitted on Pools K and 9 when conditions are safe.
     - Only minnows may be taken as bait from refuge lands and waters and a special use permit is required for taking minnows.
     - A permit is required to take turtles.
     - The taking of frogs is not permitted.

**John Heinz National Wildlife Refuge at Tinicum**

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
§ 32.58 Puerto Rico. [Reserved]

§ 32.59 Rhode Island.

The following refuge units have been opened for hunting and/or fishing and are listed in alphabetical order with applicable refuge-specific regulations.

**Block Island National Wildlife Refuge**
- A. Hunting of Migratory Game Birds. [Reserved]
- B. Upland Game Hunting. [Reserved]
- C. Big Game Hunting. [Reserved]
- D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean from the refuge shoreline in accordance with state regulations.

**Ninigret National Wildlife Refuge**
- A. Hunting of Migratory Game Birds. [Reserved]
- B. Upland Game Hunting. [Reserved]
- C. Big Game Hunting. [Reserved]
- D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean from the refuge shoreline in accordance with state regulations. Anglers may saltwater fish and shellfish in Ninigret Pond from the refuge shoreline only from sunrise to sunset in accordance with state and refuge regulations.

**Pettaquamscutt Cove National Wildlife Refuge**
- A. Hunting of Migratory Game Birds. [Reserved]
- B. Upland Game Hunting. [Reserved]
- C. Big Game Hunting. [Reserved]
- D. Sport Fishing. Anglers may saltwater fish from the refuge shoreline in accordance with state regulations.

**Sachuest Point National Wildlife Refuge**
- A. Hunting of Migratory Game Birds. [Reserved]
- B. Upland Game Hunting. [Reserved]
- C. Big Game Hunting. [Reserved]
- D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean and Sakonnet River from the refuge shoreline in accordance with state regulations. Additionally, anglers may night-fish after sunset in accordance with state regulations.

**Trustom Pond National Wildlife Refuge**
- A. Hunting of Migratory Game Birds. Hunters may hunt Canada geese and mourning doves on designated areas of the refuge subject to the following conditions: State permits required.
- B. Upland Game Hunting. [Reserved]
- C. Big Game Hunting. [Reserved]
- D. Sport Fishing. Anglers may surf fish in the Atlantic Ocean from the refuge shoreline in accordance with state regulations.
§ 32.60  South Carolina.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ACE Basin National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, geese, and coots on designated areas of the refuge subject to the following condition: Refuge hunting permits required.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. [Reserved]

Cape Romain National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of rails is permitted on designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunting of squirrel and raccoon is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted in designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from March 1 through September 30 with the exception that fishing is permitted year-round in Lake Bee, Lynches River and the Black Creek Bridge Areas on State Road 33, State Road 145, Highway 1 and Wire Road.
   2. Fishing is permitted from ½ hour before sunrise to ½ hour after sunset.
   3. Only bank fishing is permitted with the exception that nonmotorized boats and boats with electric motors are permitted in Martins Lake, Lake Bee, Lake 16, Lake 17 and May’s Lake.
   4. Fish baskets, nets, set hooks and trotlines are not permitted.

Pinckney Island National Wildlife Refuge

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted year-round.
   2. Fishing is only permitted from boats, into the estuarine waters adjacent to the refuge.

Santee National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of mourning doves, ducks, and coots is permitted on designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunting is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted on inland ponds only from sunrise to sunset or as posted.
   2. Fishing is permitted in Cartey Bay, Black Bottom, Savannah Branch and refuge ponds and impoundments from March 1 through October 31.

Carolina Sandhills National Wildlife Refuge

A. Hunting of Migratory Game Birds. Hunting of mourning doves and woodcock is permitted in designated areas of the refuge subject to the following condition: Permits are required.
B. Upland Game Hunting. Hunting of quail, rabbit, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of whitetailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from March 1 through September 30 with the exception that fishing is permitted year-round in Lake Bee, Lynches River and the Black Creek Bridge Areas on State Road 33, State Road 145, Highway 1 and Wire Road.
   2. Fishing is permitted from ½ hour before sunrise to ½ hour after sunset.
   3. Only bank fishing is permitted with the exception that nonmotorized boats and boats with electric motors are permitted in Martins Lake, Lake Bee, Lake 16, Lake 17 and May’s Lake.
   4. Fish baskets, nets, set hooks and trotlines are not permitted.

Savannah National Wildlife Refuge

Refer to §32.29 Georgia for regulations.
§ 32.61  South Dakota.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

LACREEK NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of ring-necked pheasant and sharp-tailed grouse is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer and mule deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. [Reserved]

POCASSE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following condition: Hunters shall possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

SAND LAKE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of waterfowl is permitted on designated areas of the refuge.
B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge.
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

WAUBY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

§ 32.62  Tennessee.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

CHICKASAW NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt ducks, coots, mourning doves, woodcock, and snipe on designated areas of the refuge subject to the following condition: Permits required.
B. Upland Game Hunting. Hunting of squirrel, rabbit, quail, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted with pole and line or rod and reel only.
   2. Anglers may fish only from sunrise to sunset.
   3. Anglers may not frog or turtle on the refuge.

CROSS CREEKS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunting of squirrel is permitted on designated areas of the refuge subject to the following condition: Permits are required.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following condition: Permits are required.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted on refuge pools and reservoirs from March 15 through October 31 from sunrise to sunset.
   2. Bow and arrows, trotlines, limblines, jugs, and slat baskets are not permitted in refuge pools and reservoirs.
   3. Taking of frogs is not permitted.
   4. The length limit for largemouth bass taken from Elk and South Cross Creeks reservoirs is less than 12 inches and more than 15 inches. Largemouth bass from 12 inches to 15 inches must be immediately released unharmed. Possession of largemouth bass between 12 and 15 inches is prohibited.

HATCHIE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge, subject to the following conditions:
   1. Hunting is permitted only on Tuesdays, Thursdays, and Saturdays until noon.
   2. Only portable blinds and blinds made of native vegetation may be used.
   3. Portable blinds and decoys must be removed from the refuge following each day’s hunt.

4. Hunters will possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. Hunting of quail, squirrel, rabbit, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Upland game hunting is not permitted during the refuge deer archery and gun hunting seasons.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions: Permits are required.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted only from sunrise to sunset.
   2. Only nonmotorized boats and boats with electric motors are permitted.
   3. Fishing is permitted only with pole and line or rod and reel.

LAKE ISOM NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of squirrels and raccoons is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunters may hunt white-tailed deer with archery equipment on designated areas of the refuge subject to the following condition: Refuge permits required.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
   1. Fishing is permitted from March 15 through October 15 from sunrise to sunset.
   2. angler's boats with motors of 10 horsepower or less are permitted.
   3. Fishing with bow and arrow is not permitted.

LOWER HATCHIE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt ducks, coots, mourning doves, woodcock, and snipe on designated areas of the refuge subject to the following condition: Permits required.

B. Upland Game Hunting. Hunting of squirrel, rabbit, quail, raccoon and opossum is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions: Permits are required.

D. Sport Fishing. Anglers may fish on designated areas of the refuge and Sunk Lake subject to the following condition: Permits are required.

3. Hunting is permitted only with pole and line or rod and reel.

LAKE ISOM NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of squirrels and raccoons is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions: Permits are required.

D. Sport Fishing. Fishing is permitted on designated portions of the refuge subject to the following conditions:
   1. The Duck River Bottoms and Bussletown Unit are closed to boat fishing from November 1 through March 15.
   2. Swamp Creek, Bottom Ford and Bennett's Creek embayments are closed to fishing from November 1 through March 15.
   3. Boats are restricted to "slow speed/minimum wake" on all refuge impoundments open to fishing.

TENNESSEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. Hunting of squirrels and raccoons is permitted on designated areas of the refuge subject to the following condition: Permits are required.

C. Big Game Hunting. Hunting of white-tailed deer and turkey is permitted on designated areas of the refuge subject to the following conditions: Permits are required.

D. Sport Fishing. Fishing is permitted on designated portions of the refuge subject to the following conditions:
   1. The Duck River Bottoms and Bussletown Unit are closed to boat fishing from November 1 through March 15.
   2. Swamp Creek, Bottom Ford and Bennett's Creek embayments are closed to fishing from November 1 through March 15.
   3. Boats are restricted to "slow speed/minimum wake" on all refuge impoundments open to fishing.


§ 32.63 Texas.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

ANAHUAC NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:

1. Permits and payment of a fee required to hunt on portions of the refuge.

2. Hunters may hunt only on designated days of the week and on designated areas during the general waterfowl hunting season. Hunters may hunt on designated areas during all days of the September teal season. Notice of hunting days and maps depicting areas open to hunting are issued annually in the refuge hunting brochure.

3. Hunting is permitted until noon.
§ 32.63

4. Hunters must use and be in possession of Federally-approved non-toxic shot only.
5. Pits and permanent blinds are not permitted.
6. Only shotguns are permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following conditions:
1. Fishing access is permitted from April 15 through October 15 from sunrise to sunset.
2. Fishing is permitted only with pole and line, rod and reel or hand-held line.
3. The use of trotlines, setlines, bows and arrows, gigs, or spears is not permitted in inland waters.

ARANSAS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Birds.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer and feral hogs is permitted on designated areas of the refuge subject to the following conditions:
1. The entire refuge or any portion thereof may be immediately closed to hunting in the event of the appearance of whooping crane in the hunt area.
2. Hunters are required to report at designated check station(s) upon entering and leaving the refuge.
3. Hunters shall be at least 12 years of age. Hunters between the ages of 12 and 17 (inclusive) must hunt under the supervision of an adult 18 years of age or older.
4. Payment of a hunt fee is required.
5. Archery hunting is permitted in October within the deer season for the county on specified days listed in the refuge hunt brochure.
6. Archery hunt bag limit is three deer, no more than two bucks per hunter and no limit on feral hogs.
7. Permits are required for the firearms hunt.
8. Firearms hunting is permitted in November within the deer season for the county on specified days listed in the refuge hunt brochure.
9. Firearm hunters must wear a total of 400 square inches of hunter orange above the waist. Wearing a hunter orange hat or cap mandatory.
10. Firearms hunt bag limit is two deer per hunter and no limit on feral hogs.
D. Sport Fishing. Fishing access to saltwater bays is permitted on designated areas of the refuge subject to the following special conditions:
1. Fishing access is permitted from April 15 through October 15 from sunrise to sunset. Fishermen must be off the refuge by sunset.
2. Boat launching from refuge lands is not permitted.
3. Access by foot to bays is permitted only at designated entry points.
4. Fishermen must register at the Wildlife Interpretive Center at refuge headquarters.

BALCONES CANYONLANDS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. Hunters may hunt turkey on designated areas of the refuge subject to the following conditions:
1. Hunting will take place in November, December, and/or January.
2. Hunters must check in and out of a hunt area.
3. Hunters may use only bows and arrows or shotguns and rifles.
4. Hunters shall be at least 12 years of age. Hunters between the ages of 12 and 17 (inclusive) must hunt under the supervision of an adult 21 years of age or older.
5. Bag limit must be in accordance with annual state regulations.
6. Hunters must visibly wear 400 square inches of hunter orange above the waist. Wearing a hunter orange hat or cap mandatory.

BIG BOGGY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions: Pits and permanent blinds are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. [Reserved]
§ 32.63

BUFFALO LAKE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required to hunt on certain portions of the hunting area.
2. Hunters shall possess and use, while in the field, only nontoxic shot.
3. Permits and payment of a fee are required.
4. Hunting is limited to five days, opening on Saturday in accordance with the opening of the State of Texas hunting season, and the subsequent Monday, Wednesday, Friday and Sunday.
5. Hunting hours will be from 9 a.m. to the close of legal shooting time as listed in the refuge hunt information sheet.
6. All hunters must check in and out at refuge headquarters.
7. Only shotguns are permitted.
8. Hunting is not permitted from bridges or roadways.

LAGUNA ATASCOSA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of mourning doves is permitted in the month of September on designated areas of the refuge, subject to the following conditions:
1. Hunters are required to check in and check out at the hunt area.
2. Only shotguns are permitted.
3. No shot larger than No. 4 may be possessed on the hunting area.
4. Shotguns must be plugged to hold no more than 3 shells during the September dove season.
5. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
6. Hunters shall be at least 12 years of age. Hunters between the ages of 12 and 17 must hunt under supervision of an adult 18 years of age or older.
7. There is no limit on feral hogs.
8. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
9. There is no limit on feral hogs.

BRAZORIA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of pheasants is permitted on designated areas of the refuge subject to the following conditions:
1. Permits and payment of a fee are required.
2. Hunters may hunt only one day each year.
3. Hunting is not permitted from bridges or roadways.

HAGERMAN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of quail is permitted in the month of February and September on designated areas of the refuge, subject to the following conditions:
1. Hunters are required to check in and check out at the hunt area.
2. Only shotguns permitted.
3. No shot larger than No. 4 may be brought onto the area.
4. Shotguns must be plugged to hold no more than 3 shells during the September dove season.
5. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
6. Hunters shall be at least 12 years of age. Hunters between the ages of 12 and 17 must hunt under supervision of an adult 18 years of age or older.
7. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
8. There is no limit on feral hogs.

LAGUNA ATASCOSA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of mourning doves is permitted in the month of September on designated areas of the refuge, subject to the following conditions:
1. Hunters are required to check in and check out at the hunt area.
2. Only shotguns are permitted.
3. No shot larger than No. 4 may be possessed on the hunting area.
4. Shotguns must be plugged to hold no more than 3 shells during the September dove season.
5. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
6. Hunters shall be at least 12 years of age. Hunters between the ages of 12 and 17 must hunt under supervision of an adult 18 years of age or older.
7. Firearm hunters must wear a total of 400 sq. in. of hunter orange, including 144 sq. in. visible in front and 144 sq. in. visible in rear. Some hunter orange must appear on headgear.
8. There is no limit on feral hogs.
9. There is no limit on feral hogs.
§ 32.64

MCFADDIN NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters must obtain a refuge permit and pay a hunt fee to hunt on portions of the refuge.
2. Hunters may hunt only on designated days of the week and on designated areas during the general waterfowl hunting season. Hunters may hunt on designated areas during all days of the September teal season. Notice of hunting days and maps depicting areas open to hunting are issued annually in the refuge hunting brochure.
3. Hunting is permitted until noon.
4. Pits and permanent blinds are not permitted.
5. Only shotguns are permitted.
6. Hunters must use and be in possession of Federally-approved non-toxic shot only.
7. Hunters may use airboats in accordance with guidelines issued in the refuge hunting brochure.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following condition: Fishing in inland waters is permitted only with pole and line, rod and reel, or hand-held line.

SAN BERNARD NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Pits and permanent blinds are not permitted.
2. Permits and payment of a fee are required to hunt on certain portions of the hunting area.
3. Pits and permanent blinds are not permitted.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following condition: Fishing is permitted only on the refuge portions of Cow Trap Lakes and Cedar Lakes and along Cedar Lake Creek.

TEXAS POINT NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Hunters may hunt only on designated days of the week and on designated areas during the general waterfowl hunting season and the September teal season. Notice of hunting days and maps depicting areas open to hunting are issued annually in the refuge hunting brochure.
2. Hunting permitted until noon.
3. Pits and permanent blinds are not permitted.
4. Only shotguns are permitted.
5. Hunters must use and be in possession of Federally-approved non-toxic shot only.
6. Hunters may use airboats in accordance with guidelines issued in the refuge hunting brochure.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing and crabbing are permitted on designated areas of the refuge subject to the following condition: Fishing in inland waters is permitted only with pole and line, rod and reel, or hand-held line.

§ 32.64 Utah.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BEAR RIVER MIGRATORY BIRD REFUGE

A. Hunting of Migratory Game Birds. Hunters may hunt geese, ducks, coots, and tundra swan on designated areas of the refuge subject to the following conditions:
1. Hunters may not shoot or hunt within 100 yards (30.48 meters) of principal refuge roads (the tour route).
2. While in the field, hunters shall possess and use only nontoxic shot.
3. Hunters may not use pits or permanent blinds.
4. Airboats are permitted only in Unit 9 and in Block C of the Refuge.
5. Refuge closes two (2) hours after sunset (end of shooting hours), including parking sites. Decoys, boats, vehicles and other personal property may not be left on the refuge overnight.
6. Hunters may only park in designated parking sites.
7. Hunters who take or attempt to take tundra swans must possess a Utah State Swan Permit and may not possess or use more than 10 shells per day while hunting swans.
8. Any person entering, using or occupying the refuge for waterfowl hunting must abide by all the terms and conditions in the Refuge Hunting Brochure.
9. When hunters are in their vehicles, at parking lots, or traveling on Refuge roads, all firearms must be completely unloaded (including the magazine) and cased or dismantled.
10. Beginning November 1st through the end of swan season, the northwest section of
§ 32.65 Vermont

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

MISSISSOQUI NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge subject to the following conditions:

1. Permits are required to hunt in the Patrick Marsh-Charcoal Creek Controlled Hunting Area, the Junior Waterfowl Hunting Area, and the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area.
2. Hunters may not use or possess more than 25 shells per day on the Patrick Marsh Charcoal Creek Controlled Hunting Area, the Junior Waterfowl Hunting Area, and the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area.
3. Boats are required for access to the permit areas.
4. Hunters within the Patrick Marsh Controlled Hunting Area and the Junior Waterfowl Area must provide and use a minimum of six decoys and hunt within 50 feet of these decoys.
5. Hunters within the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area and the Maquam Swamp Hunting Area must hunt with one retriever per hunting party of up to two hunters per party.
6. No permanent blind construction or blind staking is allowed in the Delta Lakeshore Hunting Area, the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area, and the Maquam Swamp Hunting Area.

B. Upland Game Hunting. Hunters may hunt rabbits, ruffed grouse and squirrels on designated areas of the refuge subject to the following conditions:

1. Permits are required to hunt in the Patrick Marsh-Charcoal Creek Controlled Hunting Area, the Junior Waterfowl Hunting Area, and the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area.
2. Hunters may not use or possess more than 25 shells per day on the Patrick Marsh Charcoal Creek Controlled Hunting Area, the Junior Waterfowl Hunting Area, and the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area.
3. Boats are required for access to the permit areas.
4. Hunters within the Patrick Marsh Controlled Hunting Area and the Junior Waterfowl Area must provide and use a minimum of six decoys and hunt within 50 feet of these decoys.
5. Hunters within the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area and the Maquam Swamp Hunting Area must hunt with one retriever per hunting party of up to two hunters per party.
6. No permanent blind construction or blind staking is allowed in the Delta Lakeshore Hunting Area, the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area, and the Maquam Swamp Hunting Area.

C. Sport Fishing. Fishermen may fish on designated areas of the refuge subject to the following conditions:

1. Fishermen may fish year-round in designated areas of the Refuge.
2. Fishermen may fish year-round in designated areas of the Refuge.
3. Boats are required for access to the permit areas.
4. Hunters within the Patrick Marsh Controlled Hunting Area and the Junior Waterfowl Area must provide and use a minimum of six decoys and hunt within 50 feet of these decoys.
5. Hunters within the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area and the Maquam Swamp Hunting Area must hunt with one retriever per hunting party of up to two hunters per party.
6. No permanent blind construction or blind staking is allowed in the Delta Lakeshore Hunting Area, the Saxe’s Pothole-Creek and Shad Island Pothole Hunting Area, and the Maquam Swamp Hunting Area.

FISH SPRINGS NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge.
B. Upland Game Hunting. Hunting of pheasants on designated areas of the refuge subject to the following conditions:

1. While in the field, hunters shall possess and use only nontoxic shot.
2. Pheasants may not be taken with a shotgun of any description capable of holding more than three shells, unless it is plugged with a one-piece filler, incapable of removal without disassembling the gun, so its total capacity does not exceed three shells.
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishermen may fish on designated areas of the refuge subject to the following conditions:

1. Fishermen may fish year-round in designated areas of the Refuge.

OURAY NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge.
B. Upland Game Hunting. [Reserved]
C. Sport Fishing. [Reserved]
§ 32.66 Virginia.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

BACK BAY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer and feral hogs is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns 20 gauge or larger, loaded with buckshot and/or rifled slugs, and bow and arrow, are permitted.
3. Dogs are not permitted.
4. Possession of loaded firearms or nocked arrows is not permitted on refuge roads or proclamation waters.
5. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Fishing access from refuge headquarters is permitted only by foot, bicycle, and hand-launched boat.
2. Launching trailered boats in the refuge headquarters area is not permitted.

CHINCOTEAGUE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of waterfowl and rails is permitted on designated areas of the refuge subject to the following conditions:
1. Written permission is required to hunt on the non-guided public hunting areas.
2. On Wildcat Marsh, compartments 1-4 are reserved for guided hunting only, with refuge-designated commercial guides.
3. Permanent blinds are not permitted in public hunting areas.
4. Permanent blinds are permitted in compartments 1-4 on Wildcat Marsh.
5. Hunting parties are limited to a maximum of 4 hunters.
6. Public hunting is permitted only on Thursdays, Fridays, and Saturdays during the State waterfowl and during the entire State rail season.
7. Public hunting is permitted only on Thursday, Friday, and Saturday during the Virginia waterfowl season.
8. Shotgun hunters will possess and use, while in the field, only nontoxic shot.
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns, 20 gauge or larger, loaded with buckshot and/or rifled slugs, and bows and arrows, are permitted.
3. Dogs are not permitted.
4. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
D. Sport Fishing. Fishing, crabbing and clamming are permitted on designated areas of the refuge subject to the following conditions:
1. Traps and crab pots must be attended.
2. A permit is required to remain on the refuge after normal closing hours.

EASTERN SHORE OF VIRGINIA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns, 20 gauge or larger, loaded with buckshot, and bow and arrow, are permitted.
3. Dogs are not permitted.
4. Only portable tree stands may be used and must be removed at the end of each hunt day.
5. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back, a minimum of 400 square inches of solid-colored orange clothing or material.
D. Sport Fishing. [Reserved]

GREAT DISMAL SWAMP NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunters may hunt deer and bear on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns, 20 gauge or larger, loaded with buckshot and/or rifled slugs, and bows and arrows, are permitted.
3. Dogs are not permitted.
4. Hunters during firearms big game season must wear in a conspicuous manner on head, chest and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
5. Hunters are required to sign in and out on each hunt day.
6. Hunters may not possess a loaded firearm (ammunition in the chamber, magazine, or clip), or loaded bow on or within 50 feet of
a refuge road, including roads closed to vehicles.
7. Hunters may not shoot onto or across a refuge road, including roads closed to vehicles.
8. Hunters may not possess alcoholic beverages.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Boat fishing is permitted in Lake Drummond and in the Feeder Ditch on the east side of the lake during daylight hours only.
2. Bank fishing is not permitted.
3. All fishing lines must be attended.
4. A permit is required for vehicular access to the boat ramp on Interior Ditch Road on the west side of Lake Drummond from April 1 through June 15.

JAMES RIVER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns, 20 gauge or larger, loaded with buckshot and/or rifled slugs, and bows and arrows, are permitted.
3. Shotgun hunters must remain on their assigned stand unless tracking or retrieving a wounded deer.
4. Archers must remain on their assigned stand from ½ hour before sunrise to 10:00 a.m., after which time they may hunt anywhere within the hunt area.
5. Hunters must wear in a conspicuous manner on head, chest, and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
D. Sport Fishing. [Reserved]

MASON NECK NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only shotguns, 20 gauge or larger, loaded with buckshot only are permitted.
3. Dogs are not permitted.
4. Only portable tree stands may be used and must be removed at the end of each hunting day.
5. Hunters must wear in a conspicuous manner on head, chest, and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
D. Sport Fishing. [Reserved]

PRESQUILE NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. One deer of either sex may be taken.
3. Dogs are not permitted.
4. Only shotguns, 20 gauge or larger, loaded with buckshot and/or rifled slugs, and bows and arrows, are permitted.
5. Shotgun hunters must remain on their assigned stand unless tracking or retrieving a wounded deer.
6. Archers must remain on their assigned stand from ½ hour before sunrise to 10:00 a.m., after which time they may hunt anywhere within the hunt area.
7. Hunters must wear in a conspicuous manner on head, chest, and back a minimum of 400 square inches of solid-colored hunter orange clothing or material.
D. Sport Fishing. [Reserved]

§ 32.67 Washington.
The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

COLUMBIA NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:
1. In Marsh Unit 1, hunting is permitted only on Wednesdays, Saturdays and Sundays.
2. Snipe hunters shall possess and use, while in the field, only nontoxic shot.
B. Upland Game Hunting. Hunting of pheasant, quail, and partridge is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting of upland game birds is permitted only during State seasons that run concurrently with the State waterfowl season.
2. Only shotguns and bows and arrows are permitted.
3. Upland game bird hunters shall possess and use, while in the field, only nontoxic shot.
C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge subject to the following conditions: Only shotgun and archery hunting are permitted.
D. Sport Fishing. Fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Nonmotorized boats and boats with electric motors are permitted on Upper and
§ 32.67

Lower Hampton, Hutchinson, Royal and Shiner Lakes.

2. Motorized boats and nonmotorized boats are permitted on all other refuge waters open to fishing.

3. The taking of bullfrogs is prohibited.

**CONBOY LAKE NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds.

Hunting of doves, geese, ducks, coots, and common snipe is permitted on designated areas of the refuge subject to the following conditions: Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. Hunting of deer is permitted on designated areas of the refuge.

D. Sport Fishing. [Reserved]

**DUNGENESS NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Anglers may salt water fish in designated areas of the refuge.

**JULIA BUTLER HANSEN REFUGE FOR THE COLUMBIAN WHITE-TAILED DEER**

A. Hunting of Migratory Game Birds.

Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following condition: Snipe hunters shall possess and use, while in the field, only nontoxic shot.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the refuge.

**LITTLE PEND OREILLE NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds. Hunting of migratory game birds is permitted on designated areas of the refuge.

B. Upland Game Hunting. Hunting of upland game is permitted on designated areas of the refuge.

C. Big Game Hunting. Hunting of big game is permitted on designated areas of the refuge.

D. Sport Fishing. Fishing is permitted on designated areas of the refuge.

**MCNARY NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is by permit only on the McNary Division.

2. The refuge is open from 5 a.m. to one and one-half hours after sunset. Decoys and other personal property may not be left on the refuge overnight.

3. Snipe hunters shall possess and use, while in the field, only nontoxic shot.

4. Hunters may not possess more than 25 shells while in the field.

5. On the first Saturday in December, only youth aged 10-17 and an accompanying adult aged 18 or over may hunt.

6. The furthest downstream island (Columbia River mile 341-343) in the Hanford Islands Division closed to hunting.

B. Upland Game Hunting. Hunting of pheasant is permitted on designated areas of the refuge subject to the following conditions:

1. Hunting is not allowed until noon of each hunt day.

2. Hunting is permitted only on Wednesdays, Saturdays, Sundays, Thanksgiving Day, Christmas Day and New Year’s Day.

3. Hunters shall possess and use, while in the field, only nontoxic shot.

4. Hunters may not possess more than 25 shells while in the field.

5. On the first Saturday in December, only youth aged 10-17 and an accompanying adult aged 18 or over may hunt.

6. The furthest downstream island (Columbia River mile 341-343) in the Hanford Islands Division is closed to hunting.

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing is permitted on designated areas of the McNary Division subject to the following conditions:

1. The refuge is open from 5 a.m. to one and one-half hours after sunset.

2. Fishing is permitted from February 1 through September 30.

3. The use of boats and other floatation devices is not permitted.

4. Fishing is permitted only with hook and line.

**NISQUALLY NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds. [Reserved]

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Anglers may salt water fish in designated areas of the refuge.

**RIDGEFIELD NATIONAL WILDLIFE REFUGE**

A. Hunting of Migratory Game Birds. Hunters may hunt geese, ducks, and coots on designated areas of the refuge subject to the following condition:

1. Hunting is by permit only.

B. Upland Game Hunting. [Reserved]

C. Big Game Hunting. [Reserved]

D. Sport Fishing. Fishing and frogging are permitted on designated areas of the refuge subject to the following conditions:

1. Fishing and frogging are only permitted from March 1 through September 30.

2. Fishing and frogging are only permitted during daylight hours.
§ 32.67

TOPPENISH NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and snipe is permitted on designated areas of the refuge subject to the following conditions:

1. The refuge is open from 5 a.m. to one and one-half hours after sunset. Decoys and other personal property may not be left on the refuge overnight.
2. Hunters may not possess more than 25 shells while in the field.
3. Hunters in the marked hunt site areas must hunt within fifty (50) feet of designated blind sites except when shooting to retrieve crippled birds.
4. On the first Saturday in December, only youth aged 10-17 and an accompanying adult aged 18 or over may hunt.
5. Snipe hunters will possess and use, while in the field, only nontoxic shot.
6. Hunters may hunt on Wednesdays, Saturdays, Sundays, Thanksgiving day, Christmas day, and New Year’s Day only.

B. Upland Game Hunting.

4. Upland game bird hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting.

D. Sport Fishing.

WILLAPA NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks, coots and common snipe is permitted on designated areas of the refuge subject to the following conditions:

1. In the Paterson Slough Unit, hunting is permitted only on the Long Island Unit subject to the following conditions:
2. In the Paterson Slough Unit, hunting is permitted only on Wednesdays, Saturdays, Sundays, Thanksgiving Day, Christmas Day, and New Year’s Day.
3. Hunters may not possess more than 25 shells while in the field.
4. Hunters are required to check in and out of the refuge.
5. Hunting is permitted only on the Long Island Unit subject to the following conditions:
6. Hunting by permit only.

B. Upland Game Hunting.

4. Upland game bird hunters shall possess and use, while in the field, only nontoxic shot.

C. Big Game Hunting.

D. Sport Fishing. [Reserved]
§ 32.68  West Virginia.

The following refuge units have been opened to hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

CAANAAN VALLEY NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunters may hunt migratory game birds on designated areas of the refuge subject to the following conditions:
1. Hunters must sign and be in the possession of a refuge conditional hunting permit at all times while hunting on the refuge.
B. Upland Game Hunting. Hunters may hunt upland (small) game on designated areas of the refuge subject to the following conditions:
1. Hunters must sign and be in the possession of a refuge conditional hunting permit at all times while hunting on the refuge.
2. Shotgun hunters may use or possess only nontoxic shot while hunting upland (small) game on the refuge.
C. Big Game Hunting. Hunters may hunt big game on designated areas of the refuge subject to the following conditions:
1. Hunters must sign and be in the possession of a refuge conditional hunting permit at all times while hunting on the refuge.
D. Sport Fishing. Sport fishing is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. The construction or use of permanent blinds, platforms or ladders is not permitted.
D. Sport Fishing. Sport fishing is permitted on designated areas of the refuge under West Virginia’s State regulations and guidelines, unless otherwise posted on the refuge.

OHIO RIVER ISLANDS NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Migratory game bird hunting is permitted on designated areas of the refuge subject to the following condition: Each hunter must have in his possession a current copy of the Ohio River Islands National Wildlife Refuge Hunting Regulations Leaflet while participating in a refuge hunt.
B. Upland Game Hunting. The hunting of rabbit and squirrel is permitted on designated areas of the refuge subject to the following conditions:
1. The use of dogs for pursuit while rabbit hunting is prohibited.
2. The take of squirrel and rabbit is restricted to shotgun only.
3. Each hunter must have in his possession a current copy of the Ohio River Islands National Wildlife Refuge Hunting Regulations Leaflet while participating in a refuge hunt.
4. Hunters will possess and use, while in the field, only nontoxic shot (nontoxic shot regulation to be effective starting with the 1996-97 hunting season).
C. Big Game Hunting. The hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Only archery hunting is permitted.
2. Organized deer drives by two or more hunters are prohibited. A drive is hereby defined as the act of chasing, pursuing, disturbing or otherwise directing deer so as to make the animals more susceptible to harvest.
3. Baiting for deer on refuge lands is prohibited.
4. Each hunter must have in his possession a current copy of the Ohio River Islands National Wildlife Refuge Regulations Leaflet while participating in a refuge hunt.
D. Sport fishing. Sport fishing is permitted on designated areas of the refuge under West Virginia’s State regulations and guidelines, unless otherwise posted on the refuge.

§ 32.69  Wisconsin.

The following refuge units have been opened to hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

FOX RIVER NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. The construction or use of permanent blinds, platforms or ladders is not permitted.
D. Sport Fishing. [Reserved]

HORICON NATIONAL WILDLIFE REFUGE
A. Hunting of Migratory Game Birds. Hunting of ducks and coots is permitted on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Only participants in the Young Wildlife and Special Programs are permitted to hunt.
B. Upland Game Hunting. Hunting of ring-necked pheasant, gray partridge, squirrel and cottontail rabbit is permitted subject to the following condition: Hunting is permitted from the opening of the respective State season through the State deer firearms season.
1. Shotgun hunters may use or possess only nontoxic shot while hunting upland game species.
C. Big Game Hunting. Hunting of white-tailed deer is permitted on designated areas of the refuge subject to the following conditions:
1. Hunting is permitted only during the early archery and State firearms seasons.
2. The construction and use of permanent blinds, platforms or ladders is not permitted.
3. All stands must be removed from the refuge following each day’s hunt.
§ 32.70 Wyoming.

The following refuge units have been opened for hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
§ 32.71

C. Big Game Hunting. Hunters may hunt elk and bison on designated areas of the refuge subject to the following conditions:
1. Permits are required.
2. Hunters may not be let out of vehicles on refuge roads.
3. Shooting from or across refuge roads and parking areas is not permitted.
4. The use of citizen band (CB) radios in the hunt area is not permitted.
D. Sport Fishing. Anglers may sport fish on the refuge in accordance with state law, as specifically designated in refuge publications.

PATHFINDER NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge.
B. Upland Game Hunting. Hunting of sage grouse and cottontail rabbit is permitted on designated areas of the refuge subject to the following condition: Hunters shall possess and use, while in the field, only nontoxic shot.
C. Big Game Hunting. Hunting of pronghorn antelope and deer is permitted on designated areas of the refuge.
D. Sport Fishing. [Reserved]

SEEDSKADEE NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. Hunting of geese, ducks and coots is permitted on designated areas of the refuge.
B. Upland Game Hunting. Hunting of sage grouse and cottontail rabbit is permitted on designated areas of the refuge subject to the following condition: Hunters shall possess and use, while in the field, only nontoxic shot.
C. Big Game Hunting. Hunters may hunt pronghorn antelope, mule deer and moose only on designated areas of the refuge.
D. Sport Fishing. [Reserved]

JOHNSTON ATOLL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing, lobstering, and shell collecting are permitted on designated areas of the refuge subject to the following conditions:
1. Fishermen may take lobsters of 3½-inch carapace length or more in the lagoon area from September 1 through May 31, but not by spearing, traps, or the use of pry bars or related methods destructive to coral; fishermen may not take female lobsters bearing eggs at any time.
2. The use of traps or nets, except throw nets, is prohibited.
3. Fishermen or divers may not take fish by the use of a spear "gun", either above or below the water. Hand-propelled spears or "Hawaiian Slings" consisting of a single shaft propelled by a rubber tube are permitted for underwater fishing.
4. The public may not, by any means, collect, export or take any form of live or dead coral.
5. It is prohibited to export any fish or invertebrates except for the following: members of the tuna fish family known as Scombridae, dolphin fish family known as Coryphaenidae, and sailfish family known as Istiophoridae.

KILAUEA POINT NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may salt water fish in designated areas of the refuge.

MIDWAY ATOLL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish and lobster only in accordance with a refuge fishing leaflet available at refuge headquarters.

§ 32.71. Pacific Islands Territory.

The following refuge units have been opened to hunting and/or fishing, and are listed in alphabetical order with applicable refuge-specific regulations.

GUAM NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish and collect marine life on designated areas of the refuge only in accordance with Refuge Fishing Regulations leaflet available at Refuge Headquarters. The use of gill nets for catching reef fish will be prohibited after December 31, 1998.

JOHNSTON ATOLL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Fishing, lobstering, and shell collecting are permitted on designated areas of the refuge subject to the following conditions:
1. Fishermen may take lobsters of 3½-inch carapace length or more in the lagoon area from September 1 through May 31, but not by spearing, traps, or the use of pry bars or related methods destructive to coral; fishermen may not take female lobsters bearing eggs at any time.
2. The use of traps or nets, except throw nets, is prohibited.
3. Fishermen or divers may not take fish by the use of a spear "gun", either above or below the water. Hand-propelled spears or "Hawaiian Slings" consisting of a single shaft propelled by a rubber tube are permitted for underwater fishing.
4. The public may not, by any means, collect, export or take any form of live or dead coral.
5. It is prohibited to export any fish or invertebrates except for the following: members of the tuna fish family known as Scombridae, dolphin fish family known as Coryphaenidae, and sailfish family known as Istiophoridae.

KILAUEA POINT NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may salt water fish in designated areas of the refuge.

MIDWAY ATOLL NATIONAL WILDLIFE REFUGE

A. Hunting of Migratory Game Birds. [Reserved]
B. Upland Game Hunting. [Reserved]
C. Big Game Hunting. [Reserved]
D. Sport Fishing. Anglers may fish and lobster only in accordance with a refuge fishing leaflet available at refuge headquarters.

§ 34.1 Purpose.
§ 34.1 Purpose.
The purpose of the regulations contained in this part is to prescribe the procedures for making payments in lieu of taxes to counties for areas administered by the Secretary through the U.S. Fish and Wildlife Service in accordance with the Revenue Sharing Act.

§ 34.2 Authority.
(a) The Act of October 17, 1978, Pub. L. 95-469, amended the Act of June 15, 1935, as amended by the Act of August 30, 1964 (78 Stat. 701; 16 U.S.C. 715s), by revising the formula and extending the revenue sharing provisions to all fee and reserve areas that are administered solely or primarily by the Secretary through the U.S. Fish and Wildlife Service. Payments under this Act may be used for any governmental purpose.
(b) Pursuant to title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. 2000d), and the regulations issued pursuant thereto, which are contained in 43 CFR part 17, counties must file an assurance with the Department, comply with the terms of the assurances, and comply with regulations contained in 43 CFR part 17 in order to continue to receive this Federal financial assistance.

§ 34.3 Definitions.
(a) The term fee area means any area which was acquired in fee by the United States and is administered, either solely or primarily, by the Secretary through the Service.
(b) The term reserve area means any area of land withdrawn from the public domain and administered, either solely or primarily, by the Secretary through the Service.
(c) The term county means any county, parish, organized or unorganized borough, township or municipality, or other unit of local government that is the primary collector for general purpose real property taxes where fee areas and/or reserve areas are located. For the purpose of sharing revenues, the Commonwealth of Puerto Rico, Guam, and the Virgin Islands shall each be treated as a county.
(d) The term fund means the revenues received by the Service from (1) the sale or disposition of animals, salmonoid carcasses and eggs, products of the soil (including, but not limited to, timber, hay, and grass), minerals, shells, sand, and gravel; (2) leases for public accommodations or facilities incidental to, but not in conflict with, the basic purpose of such areas; and (3) other privileges, including industrial leases at Crab Orchard National Wildlife Refuge, Illinois, as authorized by Section 8 of Pub. L. 95-616, approved October 27, 1978. The Service may pay from such fund any necessary expenses incurred in connection with the revenue producing and revenue sharing activity. The fund shall also include any appropriations authorized by the Act to make up any difference between the total amount of receipts after payments of expenses and the total amount of payments due the counties.
(e) The term net receipts means the amount of revenue collected by the Service from an area (including fee land and/or reserve land) after the deduction of necessary expenses incurred in producing the particular revenues.
(f) The term fair market value means the amount in terms of money for which in all probability a property would be sold if exposed for sale in the open market by a seller who is willing but not obligated to sell, allowing a reasonable time to find a buyer who is willing but not obligated to buy, both parties having full knowledge of all the
§ 34.4 Eligibility of areas.

In order to receive payments under the Act, a county must qualify under the definition in §34.3(c) of this part and there must be located within the county, areas of land owned in fee title by the United States and administered by the Secretary of the Interior through the Fish and Wildlife Service, including wildlife refuges, waterfowl production areas, wildlife ranges, wildlife management areas, fish hatcheries, research centers or stations, and administrative sites, and these areas must be solely or primarily administered by the Service. In addition to this Act, reserve areas administered solely or primarily by the Service are entitlement lands under section 6(a) of the Act of October 29, 1976 (Pub. L. 94-565, 31 U.S.C. 1601-1607), for which regulations are published in title 43, part 1880, Code of Federal Regulations.

§ 34.5 Distribution of revenues.

The Act provides that the Secretary, at the end of each fiscal year, shall pay to each county out of the fund:

(a) For reserve areas, an amount equal to 25 per centum of the net receipts, collected by the Secretary in connection with the operation and management of such area, provided that when any such area is situated in more than one county, the distributive share to each from the aforesaid receipts shall be proportional to its acreage of such reserve area.

(b) For fee areas, whichever of the following is greater:

(1) An amount equal to 75¢ per acre for the total acreage of the fee area located within such county.

(2) An amount equal to three-fourths of one per centum of the fair market value, as determined by the Secretary, of that portion of the fee area (excluding any improvements thereto made after the date of Federal acquisition) which is located within such county. For those areas of fee land within the National Wildlife Refuge System as of September 30, 1977, the amount of payment based on fair market value will not be less than the amount paid on the adjusted cost basis as in effect at that time. Actual cost, or appraised value in case of donation, will be used for lands acquired during fiscal year 1978. For those areas of fee lands added to lands administered by the Service after September 30, 1978, by purchase, donation, or otherwise, fair market value shall be determined by appraisal as of the date said areas are administered by the Service.

(3) An amount equal to 25 per centum of the net receipts collected by the Secretary in connection with the operation and management of such fee area during such fiscal year; but if a fee area is located in two or more counties, the amount each such county is entitled to shall be the amount which bears to such 25 per centum, the same ratio as that portion of the fee area acreage which is within such county bears to the total acreage of such fee area.

(c) In accordance with section 5(A) of the act, each county which receives a payment under paragraphs (a) and (b) of this section, with respect to any fee area or reserve area, shall distribute that payment to those units of local government which have incurred the loss or reduction of real property tax revenues because of the existence of such area in accordance with the following guidelines.

The local units of government entitled to this distribution will be those such as, but not limited to, cities, towns, townships, school districts, and the county itself in appropriate cases, which levy and collect real property taxes separately from the county or other primary taxing authority or those for which a tax is separately stated on a consolidated tax bill of the primary taxing authority in areas wherein eligible lands are located. The amount of distribution or passthrough to which each unit of local government shall be entitled shall be in the same proportion as its current tax loss bears to the current whole tax loss.

This proportion may be determined; from representative tax bills for the area; by construction by using assessments and millage rates; or by other suitable methods to achieve an equitable result. An example using the representative tax bill method is:


§ 34.8 Appropriations authorized.

The Act authorizes appropriations to the fund for any fiscal year when the...
§ 34.9 Protests.

(a) Computation of payments shall be based on Federal records concerning land, real property improvements, and accounting of net receipts from areas administered solely or primarily by the Service.

(b) Any affected county may protest the results of the computations of its payments to the regional director in charge of the State and county affected. See §29.21-2(c) for a listing of the regional directors of the Service.

(c) Any protesting county shall submit sufficient evidence to show error in the computation or the data from which the computations are made.

(d) All protests to the regional director shall be filed within 90 days from the date of receipt of the payment.

(e) The regional director shall consult with the affected county to resolve conflicts in the computations and/or data. The regional director shall make a determination as to the correct payment, which determination shall be final and conclusive.

PART 35—WILDERNESS PRESERVATION AND MANAGEMENT

Subpart A—General Rules

§ 35.1 Definitions.

As used in the rules and regulations in this subchapter:

National Wildlife Refuge System means all lands, waters, and interests therein administered by the U.S. Fish and Wildlife Service as national wildlife refuges, wildlife ranges, game ranges, wildlife management areas, waterfowl production areas, and areas for the protection and conservation of fish and wildlife which are threatened with extinction.

National Wilderness Preservation System means the units designated as wilderness by the Congress under the provisions of the Wilderness Act (supra).

Wilderness Units shall mean areas in the National Wildlife Refuge System that have been designated by Act of Congress as units of the National Wilderness Preservation System.

Secretary means the Secretary of the Interior.

Director means the Director of the U.S. Fish and Wildlife Service.

§ 35.2 Objectives.

(a) Units of the National Wildlife Refuge System have been established by divers legal means and are administered for a variety of wildlife program purposes. The establishment of each wilderness unit is within and supplemental to the purposes for which a specific unit of the National Wildlife Refuge System was established and is administered. Each wilderness shall be administered for such other purposes for which the national wildlife refuge was established and shall be also administered to preserve its wilderness character.

(b) Except as otherwise provided by law, wilderness areas shall be devoted to the public purposes of recreational,
§ 35.3 General regulations.

Rules and regulations governing administration of the National Wildlife Refuge System will apply to wilderness units where said rules and regulations do not conflict with provisions of the Wilderness Act or Act of Congress which establishes the wilderness unit.

§ 35.4 Appropriations and personnel.

No appropriation shall be made available for the payment of expenses or salaries for the administration of a wilderness unit as a separate entity nor shall any appropriation be made available for additional personnel solely for the purpose of managing or administering areas because they are included within the National Wilderness Preservation System.

§ 35.5 Commercial enterprises, roads, motor vehicles, motorized equipment, motorboats, aircraft, mechanical transport, structures, and installations.

Except as specifically provided and subject to existing private rights, there shall be no commercial enterprise and no permanent road within a wilderness unit, and except as necessary to meet minimum requirements for the administration of the area (including measures required in emergencies involving the health and safety of persons within the area), there shall be no temporary road, no use of motor vehicles, motorized equipment or motorboats, no landing of aircraft, no other form of mechanized transport, and no structure or installation within any such area.

(a) The Director may authorize occupancy and use of a national wildlife refuge by officers, employees, agencies, and agents of Federal, State, and county governments to carry out the purposes of the Wilderness Act and the Act establishing the wilderness and will prescribe conditions under which motorized equipment, mechanical transport, aircraft, motorboats, installations, or structures may be used to meet the minimum requirements for authorized activities to protect and administer the wilderness. The Director may also prescribe the conditions under which such equipment, transport, aircraft, installations, or structures may be used in emergencies involving the health and safety of persons, damage to property, violations of civil and criminal law, or other purposes.

(b) The Director may permit, subject to such restrictions as he deems desirable, the landing of aircraft and the use of motorized equipment at places within a wilderness where such uses were established prior to the date the wilderness was designated by Act of Congress as a unit of the National Wilderness Preservation System.

§ 35.6 Public use.

Public uses of a wilderness unit will be in accordance with the purposes for which the individual national wildlife refuge was established and is administered and laws and regulations governing public uses within the National Wildlife Refuge System.

(a) When public uses are authorized within a wilderness unit, the Refuge Manager may regulate such use. Regulating will include limiting the numbers of persons allowed in the wilderness at a given time, imposing restrictions on time, seasons, kinds and location of public uses, requiring a permit or reservation to visit the area, and similar actions.

(b) All persons entering a wilderness unit will be required to remove such materials as they carry in.

(c) Informational signs for the convenience of visitors will not be permitted in a wilderness unit; however, rustic directional signs for visitor safety may be installed in locations appropriate to a wilderness setting.

(d) Limited public use facilities and improvements may be provided as necessary for the protection of the refuge and wilderness and for public safety. Facilities and improvements will not be provided for the comfort and convenience of wilderness visitors.

(e) Public services and temporary structures generally offered by packers, outfitters, and guides for realizing the recreational or other wilderness
purposes of a wilderness may be permitted. Temporary installations and structures which existed for these subsistence purposes under valid special use permit or easement when the wilderness was established may be continued if their use is necessary to administer the refuge for the purposes for which it was established and for wilderness purposes. The number, nature, and extent of such temporary structures and services will be controlled through regulations and special use permits issued by the Refuge Manager so as to provide maximum protection of wilderness resources and values.

(f) Hunting and fishing in a refuge wilderness will be in accordance with Federal and State regulations including special regulations for the specific wildlife refuge. Hunting or fishing which requires motorized equipment will not be permitted except as provided in §35.5(a) and (b).

§ 35.7 Control of wildfires, insects, pest plants, and disease.

To the extent necessary, the Director shall prescribe measures to control wildfires, insects, pest plants, and disease to prevent unacceptable loss of wilderness resources and values, loss of life, and damage to property.

§ 35.8 Forest management.

Forest management activities in a wilderness unit will be directed toward allowing natural ecological processes to operate freely. Commercial harvesting of timber shall not be permitted except where necessary to control attacks of insects or disease as prescribed in §35.7.

§ 35.9 Livestock grazing.

(a) The grazing of livestock, where established prior to the date of legislation which designates a wilderness unit, may be permitted to continue subject to part 29 of this subchapter and in accordance with special provisions which may be prescribed for individual units. Numbers of permitted livestock will not be more liberal than those utilizing a wilderness prior to establishment and may be more restrictive.

(b) The Director may permit, subject to such conditions as he deems necessary, the maintenance, reconstruction or relocation of only those livestock management improvements and structures which existed within a wilderness unit when it was incorporated into the National Wilderness Preservation System.

§ 35.10 Controlled burning.

Controlled burning will be permitted on wilderness units when such burning will contribute to the maintenance of the wilderness resource and values in the unit; however, any fire in a wilderness area that poses a threat to resources or facilities outside the unit will be controlled and extinguished.


§ 35.11 Scientific uses.

Recognizing the scientific value of wilderness, research data gathering and similar scientific uses will be encouraged providing that wilderness values are not impaired. The person or agency involved in scientific investigation must be willing to accept reasonable limitations on activities and location and size of the area to be used for research purposes. A special use permit authorizing scientific uses shall be required.

§ 35.12 Water rights.

Nothing in the regulations in this part constitutes an expressed or implied claim or denial on the part of the Department of the Interior as to exemption from State water laws.

§ 35.13 Access to State and private lands.

Rights of States or persons and their successors in interest, whose land is surrounded by a wilderness unit, will be recognized to assure adequate access to that land. Adequate access is defined as the combination of modes and routes of travel which will best preserve the wilderness character of the landscape. Mode of travel designated shall be reasonable and consistent with accepted, conventional, contemporary modes of travel in said vicinity. Use will be consistent with reasonable purposes for which such land is held. The Director will issue such permits as are necessary for access, designating the
means and route of travel for ingress and egress so as to preserve the wilderness character of the area.


§ 35.14 Special regulations.
(a) Special regulations will be issued by the Director for individual wilderness units within the National Wildlife Refuge System as established by Public Law. These special regulations will supplement the provisions of this part.
(b) Special regulations may contain administrative and public uses as recognized in the:
(1) Legislative Record of the establishing Act.
(2) Committee Reports of the Congress.
(3) Departmental and Executive Reports to the Congress.
(4) Other provisions.
(c) Such special regulations shall be published in subpart B of this part after a wilderness has been established by Public Law and shall become effective upon publication in the Federal Register (12±31±71).

Subpart C [Reserved]

Subpart D—Other Refuge Uses

36.31 Recreational activities.
36.32 Taking of fish and wildlife.
36.33 Cabins and other related structures.
36.34 Firearms.
36.35 Unattended property.
36.36 Sled dogs and household pets.
36.37 Revenue producing visitor services.

Subpart E—Refuge Specific Regulations

36.39 Public use.

Subpart F—Permits and Public Participation and Closure Procedures

36.41 Permits.
36.42 Public participation and closure procedures.

TABLE I—SUMMARY LISTING THE NATIONAL WILDLIFE REFUGES IN ALASKA AS ESTABLISHED BY THE ALASKA LANDS ACT, PUB. L. 96-487, DECEMBER 2, 1980

AUTHORITY: 16 U.S.C. 460(k) et seq., 668dd et seq., 742(a) et seq., 3101 et seq., and 44 U.S.C. 3501 et seq.

SOURCE: 46 FR 31827, June 17, 1981, unless otherwise noted.

Subpart A—Introduction and General Provisions

§ 36.1 Applicability and scope.
(a) The regulations contained in this part are prescribed for the proper use and management of all Alaska National Wildlife Refuges and supplement the general National Wildlife Refuge System regulations found in title 50 CFR chapter I, subchapter C. The general National Wildlife Refuge System regulations are automatically applicable in their entirety to the Alaska National Wildlife Refuges except as supplemented or modified by these regulations or amended by ANILCA.
(b) The regulations contained in this part are applicable only on federally owned lands within the boundaries of any Alaska National Wildlife Refuge. For purposes of this part “federally owned lands” means land interests held or retained by the United States, but does not include those land interests:
(1) Tentatively approved, legislatively conveyed, or patented to the State of
§ 36.2 Definitions.

The following definitions shall apply to the regulations contained in this part.

(a) Adequate and feasible access means a reasonable method and route of pedestrian or vehicular transportation which is economically practicable for achieving the use or development desired by the applicant on his/her non-federal land or occupancy interest, but does not necessarily mean the least costly alternative.

(b) Adequate snow cover means snow of sufficient depth to protect the underlying vegetation and soil.

(c) ANILCA means the Alaska National Interest Lands Conservation Act, 94 Stat 237, Pub. L. 96-487 (December 2, 1980).

(d) Aircraft means a machine or device that is used or intended to be used to carry persons or objects in flight through the air, including but not limited to, airplanes, helicopters and gliders.


(f) Downed aircraft means an aircraft that as a result of mechanical failure or accident cannot take off.

(g) Fish and wildlife means any member of the animal kingdom, including without limitation any mammal, fish, bird (including any migratory, non-migratory, or endangered bird for which protection is also afforded by treaty or other international agreement), amphibian, reptile, mollusk, crustacean, arthropod, or other invertebrate, and includes any part, product, egg, or offspring thereof, or dead body or part thereof.

(h) Off-road vehicle means any motor vehicle designed for or capable of cross-country travel on or immediately over land, water, sand, snow, ice, marsh, wetland, or other natural terrain, except snowmobiles as defined in this section. It includes, but is not limited to, four-wheel drive or low-pressure-tire vehicles, motorcycles and related two-, three-, or four-wheel vehicles, amphibious machines, ground-effect or air-cushion vehicles, air-thrust boats, recreation vehicle campers, and any other means of transportation deriving motive power from any source other than muscle or wind.

(i) Person means any individual, firm, corporation, society, association, partnership, or other private or public body.

(j) Public lands means lands situated in Alaska which are federally owned lands, except:

1. Land selections of the State of Alaska which have been tentatively approved or validly selected under the Alaska Statehood Act (72 Stat. 339) and lands which have been confirmed to, validly selected by, or granted to the Territory of Alaska or the State under any other provision of Federal law;

2. Land selections of a Native Corporation made under the Alaska Native Claims Settlement Act (85 Stat. 688) which have not been conveyed to a Native Corporation, unless any such selection is determined to be invalid or is relinquished; and

3. Lands referred to in section 19(b) of the Alaska Native Claims Settlement Act.

(k) Refuge Manager means any Fish and Wildlife Service official in charge of an Alaska National Wildlife Refuge, the Alaska Regional Director of the Fish and Wildlife Service, or an authorized representative of either.

(l) Snowmachine or snowmobile means a self-propelled vehicle intended for off-road travel primarily on snow having a curb weight of not more than 1,000 pounds (450 kg), driven by track or tracks in contact with the snow and steered by a ski or skis in contact with the snow.

(m) Subsistence uses means the customary and traditional uses by rural Alaska residents of wild, renewable resources for direct personal or family consumption as food, shelter, fuel, clothing, tools, or transportation; for the making and selling of handicraft articles out of nonedible byproducts of
fish and wildlife resources taken for personal or family consumption; for barter or sharing for personal or family consumption; and, for customary trade. For purpose of this paragraph, the term:

(1) Family means all persons related by blood, marriage, or adoption, or any person living within the household on a permanent basis; and

(2) Barter means the exchange of fish or wildlife or their parts taken for subsistence uses:
   (i) For other fish or game of their parts; or
   (ii) For other food or for nonedible items other than money if the exchange is of a limited and noncommercial nature; and

(3) Customary trade shall be limited to the exchange of furs for cash, and such other activities, if any, as may be designated in special rules for Alaska National Wildlife Refuges.

(n) Take or taking, as used with respect to fish and wildlife, means to pursue, hunt, shoot, trap, net, capture, collect, kill, harm or attempt to engage in any such conduct.

(o) Temporary means a continuous period of time not to exceed 12 months, except as specifically provided otherwise.


§ 36.3 Information collection.

The information collection requirements contained in this part have been approved by the Office of Management and Budget under 44 U.S.C. et seq. and assigned clearance number 1018-0014. The collected information will assist the Service in administering these programs and, particularly, in the issuance of permits and the granting of statutory or administrative benefits. The information requested in the application form is required to obtain a benefit. The public reporting burden for this collection of information is estimated to average 1.5 hours each for 150 non-competitively awarded permits and 31.66 hours each for 60 competitively awarded permits including the time for reviewing instructions, searching existing data sources, gathering and maintaining data needed, and completing and reviewing the collection of information. The estimated annual number of respondents is 210, yielding a total annual reporting and record keeping burden of 2125 hours. Comments and suggestions on the burden estimate or any other aspect of the form should be sent directly to the Office of Information and Regulatory Affairs; Office of Management and Budget; Attention: Interior Desk Officer; Washington, DC 20503; and a copy of the comments should be sent to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, MS 224-ARLSQ; 1849 C Street, NW., Washington, DC 20240.


Subpart B—Subsistence Uses

§ 36.11 Purpose and policy.

(a) Consistent with the management of fish and wildlife in accordance with recognized scientific principles and the purposes for which each Alaska National Wildlife refuge was established, designated, or expanded by ANILCA, the purpose of this subpart is to provide the opportunity for local rural residents engaged in a subsistence way of life to do so pursuant to applicable State and Federal law.

(b) Consistent with sound management principles and the conservation of healthy populations of fish and wildlife, the utilization of Alaska National Wildlife Refuges is to cause the least adverse impact possible on local rural residents who depend upon subsistence uses of the resources of the public lands in Alaska.

(c) Nonwasteful subsistence uses of fish, wildlife and other renewable resources by local rural residents shall be the priority consumptive uses of such resources over any other consumptive uses permitted within Alaska National Wildlife Refuge areas.

(d) The State of Alaska is authorized to regulate the taking of fish and wildlife for subsistence uses within Alaska National Wildlife Refuges to the extent such regulation is consistent with applicable Federal Law, including but not limited to ANILCA.

(e) Nothing in this subpart shall be construed as permitting the level of subsistence uses of fish and wildlife
§ 36.12 Use of snowmobiles, motorboats, dog teams and other means of surface transportation traditionally employed by local rural residents engaged in subsistence uses.

(a) Notwithstanding any other provision of subchapter C of title 50 CFR the use of snowmobiles, motorboats, dog teams and other means of surface transportation traditionally employed by local rural residents engaged in subsistence uses is permitted within Alaska National Wildlife Refuges except at those times and in those areas restricted or closed by the Refuge Manager.

(b) The Refuge Manager may restrict or close a route or area to the use of snowmobiles, motorboats, dog teams and other means of surface transportation traditionally employed by local rural residents engaged in subsistence uses if the Refuge Manager determines that such use is causing or is likely to cause an adverse impact on public health and safety, resource protection, protection of historic or scientific values, subsistence uses, conservation of endangered or threatened species, or other purposes and values for which the refuge was established.

(c) No restrictions or closures shall be imposed without notice and a public hearing in the affected vicinity and other locations as appropriate. In the case of emergency situations, restrictions or closures shall not exceed sixty (60) days and shall not be extended unless the Refuge Manager establishes, after notice and public hearing in the affected vicinity and other locations as appropriate, that such extension is justified according to the factors set forth in paragraph (b) of this section. Notice of the proposed or emergency restrictions or closures and the reasons therefor shall be published in at least one newspaper of general circulation within the State and in at least one local newspaper if available, and information about such proposed or emergency actions shall also be made available for broadcast on local radio stations in a manner reasonably calculated to inform local rural residents in the affected vicinity. All restrictions and closures shall be designated on a map which shall be available for public inspection at the office of the Refuge Manager of the affected refuge and the post office or postal authority of every affected community within or near the refuge area, or by the posting of signs in the vicinity of the restrictions or closures, or both.

(d) Snowmobiles, motorboats, dog teams and other means of surface transportation traditionally employed by local rural residents engaged in subsistence uses shall be operated (1) in compliance with applicable State and Federal law, (2) in such a manner as to prevent waste or damage to the refuge, and (3) in such a manner as to prevent the herding, harassment, hazing or driving of wildlife for hunting or other purposes.

(e) At all times when not engaged in subsistence uses, local rural residents may use snowmobiles, motorboats, dog teams and other means of surface transportation in accordance with subpart C of this part.

§ 36.13 Subsistence fishing.

Fish may be taken by local rural residents for subsistence uses in compliance with applicable State and Federal law. To the extent consistent with the provisions of this part and other Federal law, applicable State laws and regulations governing the taking of fish which are now or will hereafter be in effect are hereby incorporated by reference as a part of these regulations.

§ 36.14 Subsistence hunting and trapping.

Local rural residents may hunt and trap wildlife for subsistence uses in Alaska National Wildlife Refuges in compliance with applicable State and Federal laws. To the extent consistent with the provisions of this part and other Federal law, applicable State laws and regulations governing the taking of wildlife which are now or will hereafter be in effect are hereby incorporated by reference as a part of these regulations.
§ 36.15 Subsistence uses of timber and plant material.

(a) Notwithstanding any other provision of this part, the noncommercial cutting of live standing timber by local rural residents for appropriate subsistence uses, such as firewood or house logs, may be permitted in Alaska National Wildlife Refuges as follows:

(1) For live standing timber greater than six inches diameter at breast height (4½ feet above ground level), the Refuge Manager may allow cutting in accordance with the specifications of a special use permit if such cutting is determined to be compatible with the purposes for which the refuge was established;

(2) For live standing timber between three and six inches diameter at breast height, cutting is allowed on the Arctic National Wildlife Refuge south of latitude 68 degrees North and on the Innoko, Kanuti, Koyukuk, Nowitna, Selawik, Tetlin, and Yukon Flats National Wildlife Refuges unless restricted by the Refuge Manager, except that no more than 20 trees may be cut annually by an individual without a special use permit, no cutting may be done within 50 feet of a stream, lake, or river and no more than one tree in five (20%) may be cut in any specific stand; on the remainder of the Arctic National Wildlife Refuge and on all other Alaska National Wildlife Refuges, the Refuge Manager may allow cutting in accordance with the specifications of a special use permit if such cutting is determined to be compatible with the purposes for which the refuge was established;

(3) For live standing timber less than three inches diameter at breast height, cutting is allowed unless restricted by the Refuge Manager.

(b) The noncommercial gathering by local rural residents of fruits, berries, mushrooms, and other plant materials for subsistence uses, and the noncommercial gathering of dead or downed timber for firewood, shall be allowed without a permit.

(c)(1) Notwithstanding any other provision of this part, the Refuge Manager, after notice and public hearing in the affected vicinity and other locations as appropriate, may temporarily close all or any portion of an Alaska National Wildlife Refuge to subsistence uses of a particular plant population only if necessary for reasons of public safety, administration, or to assure the continued viability of such population. For purposes of this section, the term “temporary” shall mean only as long as reasonably necessary to achieve the purpose of the closure.

(2) If the Refuge Manager determines that an emergency situation exists and that extraordinary measures must be taken for public safety or to assure the continued viability of a particular plant population, the Refuge Manager may immediately close all or any portion of an Alaska National Wildlife Refuge to the subsistence uses of such population. Such emergency closure shall be effective when made, shall be for a period not to exceed sixty (60) days, and may not subsequently be extended unless the Refuge Manager establishes, after notice and public hearing in the affected vicinity and other locations as appropriate, that such closure should be extended.

(3) Notice of administrative actions taken pursuant to this section, and the reasons justifying such actions, shall be published in at least one newspaper of general circulation within the State and in at least one local newspaper if available, and information about such actions and reasons therefor also shall be made available for broadcast on local radio stations in a manner reasonably calculated to inform local rural residents in the affected vicinity. All closures shall be designated on a map which shall be available for public inspection at the office of the Refuge Manager of the affected refuge and the post office or postal authority of every affected community within or near the refuge, or by the posting of signs in the vicinity of the restrictions, or both.


§ 36.16 Closure to subsistence uses of fish and wildlife.

(a) Notwithstanding any other provision of this part, the Refuge Manager, after consultation with the State and adequate notice and public hearing in the affected vicinity and other locations as appropriate, may temporarily close all or any portion of an Alaska National Wildlife Refuge to subsistence uses of a particular fish and wildlife population only if necessary for reasons of public safety, administration, or to assure the continued viability of such population. For purposes of this section, the term “temporary” shall mean only as long as reasonably necessary to achieve the purpose of the closure.
§ 36.31 Recreational activities.

(a) Public recreational activities within the Alaska National Wildlife Refuges are authorized as long as such activities are conducted in a manner compatible with the purposes for which the areas were established. Such recreational activities include, but are not limited to, sightseeing, nature observation and photography, sport hunting, sport fishing, boating, camping, hiking, picnicking and other related activities. Any existing special regulations now in force and effect shall continue to apply to the applicable refuge lands in Alaska National Wildlife Refuges.

(b) Surface collection, by hand (including handheld gold pans) and for personal recreational use only, of rocks and minerals is authorized: Provided, however, That (1) collection of silver, platinum, gemstones and fossils is prohibited, and (2) collection methods which may result in disturbance of ground surface, such as the use of shovels, pickaxes, sluice boxes and dredges, are prohibited. The recreation activities specified in paragraphs (a) and (b) of this section may be prohibited or otherwise restricted in accordance with the provisions of §36.42.

§ 36.32 Taking of fish and wildlife.

(a) The taking of fish and wildlife for sport hunting, trapping and sport fishing is authorized in accordance with applicable State and Federal law and such laws are hereby adopted and made a part of these regulations; Provided however, That the Refuge Manager, pursuant to §36.42, may designate areas where, and establish periods when, no taking of a particular population of fish or wildlife shall be permitted.

(b) The exercise of valid commercial fishing rights or privileges obtained pursuant to existing law, including any use of refuge areas for campsites, cabins, motorized vehicles and aircraft landing directly incident to the exercise of such rights or privileges, is authorized; Provided, however, That the Refuge Manager may restrict or prohibit the exercise of these rights or privileges or uses of federally owned lands directly incident to such exercise if he determines, after conducting a public hearing in the affected locality, that they are inconsistent with the purposes of the refuge and that they constitute a significant expansion of commercial fishing activities within such refuge beyond the level of such activities in 1979.
(c) The following provisions shall apply to any person while engaged in the taking of fish and wildlife within an Alaska National Wildlife Refuge:

(1) Trapping and sport hunting. (i) Each person shall secure and possess all required State licenses and shall comply with the applicable provisions of State law unless further restricted by Federal law;

(ii) Each person shall comply with the applicable provisions of Federal law;

(iii) In addition to the requirements of paragraphs (a) and (b) of this section, each person shall continue to secure a trapping permit from the appropriate Refuge Manager prior to trapping on the Kenai, Izembek and Kodiak Refuges and the Aleutian Islands Unit of the Alaska Maritime Refuge.

(iv) It shall be unlawful for a person having been airborne to use a firearm or any other weapon to take or assist in taking a wolf or wolverine until after 3:00 a.m. on the day following the day in which the flying occurred, except that a trapper may use a firearm or any other weapon to dispatch a legally caught wolf or wolverine in a trap or snare on the same day in which the flying occurred. This prohibition does not apply to flights on regularly scheduled commercial airlines between regularly maintained public airports.

(2) Sport and commercial fishing. (i) Each person shall secure and possess all required State licenses and shall comply with the applicable provisions of State law unless further restricted by Federal law;

(ii) Each person shall comply with the applicable provisions of Federal law.

(d) Nothing in this section shall apply to the taking of fish and wildlife for subsistence uses.

(e) Nothing in these rules shall be interpreted as waiving the requirements of other fish and wildlife conservation statutes such as the Airborne Hunting Act or those provisions of subchapter C of title 50 CFR regarding the taking of depredating wildlife. Animal control programs shall only be conducted in accordance with a special use permit issued by the Refuge Manager.

§ 36.33  50 CFR Ch. I (10-1-98 Edition)

not including bona fide subsistence uses or authorized commercial uses.

(11) Public use cabin shall mean a cabin owned and administered by the Fish and Wildlife Service and available for use by the public.

(b) All cabins. The regulations in this paragraph (b) shall apply to all cabins, claimants, occupants, and guests. The regulations in this paragraph (b) do not apply to temporary facilities: any structure or man-made improvement which can readily be completely dismantled and removed from the site when the period of authorized use is terminated.

(1) A special use permit is required to construct, use and/or occupy a cabin on Fish and Wildlife Service lands within the refuge. The permit may also authorize the use of related structures and other necessary appurtenances.

(2) After adequate public notice has been given, unclaimed cabins become the property of the Federal Government. Adequate public notice shall include: Posting notices of trespass on unclaimed cabins; publication of notices of trespass in Anchorage and Fairbanks newspapers and in at least one local newspaper if available; and posting notices of trespass at appropriate community post offices. A Government-owned cabin may be used for refuge administration, used for emergency purposes by the public, permitted to another applicant, designated a public use cabin, or destroyed. Disposal of excess cabins and structures will be according to regulations pursuant to title 41, chapter 114 of the Code of Federal Regulations.

(3) Willful noncompliance with the conditions and stipulations of a special use permit shall be considered grounds to invoke the administrative process leading to notice and hearing, and possible revocation of the permit. The refuge manager will attempt to resolve problems of noncompliance with the permittee as soon as possible after the situation becomes known. If this effort fails, the refuge manager shall provide written notice to the permittee within 30 days of that date, informing the permittee of noncompliance, giving specific instructions for compliance and providing appropriate time for the permittee to comply.

(4) No special use permit will be issued for the construction of a cabin for private recreational use or for the private recreational use of an existing cabin.

(5) Guests are allowed to occupy a cabin only during the activity period identified on the special use permit. Guests occupying a cabin during the absence of the permittee shall obtain a letter of authorization from the permittee. The guest must have a copy of the letter in his/her possession. In commercial cabins, the permittee or another person listed on the permit must be present when the cabin is occupied by guests or clients.

(6) A person whose permit application (new or renewal) for a cabin has been denied or whose cabin permit has been revoked by the refuge manager may appeal to the Regional Director as described in §36.41(b).

(c) Existing cabins. In addition to paragraph (b) of this section, the regulations in this paragraph (c) shall apply to all existing cabins, claimants, occupants, and guests.

(1) Where a valid cabin permit or lease was in effect on December 2, 1980, or at the time the land was subsequently added to the refuge, the refuge manager shall provide for the continuation of the permit or lease under the same conditions. The new permit shall be nontransferable and renewable every five years unless the continuation would directly threaten or significantly impair the purposes for which the refuge was established. The cabin and related structures are the personal property of the claimant and can be removed by him/her upon non-renewal or revocation. The owner of a cabin may sell his/her interest in the cabin to another person; however, the new owner does not automatically qualify for a permit and must apply for a new one.

(2) To obtain a special use permit for a cabin that was not under permit or lease before December 2, 1980, or at the time the land was subsequently added to the refuge, a claimant should submit to the refuge manager an application that includes the following:

(i) Reasonable proof of possessory interest or right to occupy the cabin as shown by affidavit, bill of sale, or other document.
U.S. Fish and Wildlife Serv., Interior § 36.33

(ii) Date of construction or acquisition.
(iii) A sketch or photograph that accurately depicts the cabin and related structures.
(iv) The dimensions of the cabin and related structures.
(v) A U.S. Geological Survey topographic map that shows the geographic location of the cabin and related structures.
(vi) The claimant’s agreement to vacate and remove all personal property from the cabin and related structures within one year from receipt of a nonrenewal or revocation notice.
(vii) The claimant’s acknowledgment that he/she has no legal interest in the real property on which the cabin and related structures are located.
(viii) A list of family members residing with the claimant in the cabin being applied for. It need only include those immediate family members who may be eligible to renew a permit for continued use and occupancy upon the original claimant’s death (this is not applicable to cabins used for commercial purposes).

(3) Applications for permits for existing cabins, which are not currently under valid permits, will only be accepted for a period of one year following the effective date of these regulations. However, cabins that were legally located on lands that subsequently become refuge will also be considered “existing” cabins. The owners will have two years following the date the lands become refuge to apply for a permit. Following those dates, all applications for cabins will be for “new” cabins only, no matter when the cabin was built or first used. If ownership is not established within three years after the land becomes refuge, the cabin may be considered abandoned, and it will become Federal property in accordance with Federal regulations.

(4) The occupancy of a noncommercial cabin is limited to the permittee and his/her family, bona fide partners, and guests.

(5) Major modification or rehabilitation of an existing cabin must be approved by the refuge manager before construction begins. The modifications will be done by the permittee or designated agent and will remain the property of the permittee. Major additions (e.g., larger than the original cabin) may fall under the ownership provisions for new cabins. Although cabins destroyed by accidents, vandalism or natural causes may be reconstructed, they must be approved by the refuge manager before construction and must meet the construction guidelines for new cabins, even though remaining the property of the claimant.

(d) New cabins. In addition to paragraph (b) of this section, the regulations in this paragraph (d) shall apply to all new cabins, claimants, occupants, and guests.

(1) A nontransferable, five year special use permit shall only be issued upon a determination that the proposed construction, use and maintenance of the cabin is compatible with refuge purposes and that the cabin use is either directly related to refuge administration or is needed for continuation of an ongoing activity or use otherwise allowed within the refuge where the applicant lacks a reasonable off-refuge site. In addition, these activities must have historically been supported by the construction and use of cabins in the geographic area. In general, new cabin permits will be given only to local residents to pursue a legitimate subsistence activity. In determining whether to permit the construction, use, and occupancy of cabins or other structures, the refuge manager shall be guided by factors such as other public uses, public health and safety, environmental and resource protection, research activities, protection of historic or scientific values, subsistence uses, endangered or threatened species conservation and other management considerations necessary to ensure that the activities authorized pursuant to a permit are compatible with the purposes for which the refuge was established.

(2) To obtain a special use permit for a new cabin, an applicant should submit to the refuge manager an application that includes the following:
   (i) A sketch that accurately depicts the proposed cabin and related structures.
   (ii) The dimensions of the proposed cabin and related structures.
(iii) A U.S. Geological Survey topographic map that shows the geographic location of the proposed cabin and related structures.

(iv) The applicant's agreement to vacate and remove all personal property from the cabin and related structures within one year from receipt of a non-renewal or revocation notice.

(v) The applicant's acknowledgment that he/she has no legal interest in the cabin and related structures or in the real property on which the cabin and related structures are located.

(vi) A list of family members residing with the applicant in the cabin being applied for. It need only include those immediate family members who may be eligible to renew a permit for continued use and occupancy upon the original claimant's death.

(3) The permitting instrument shall be a nontransferable renewable five year special use permit. It shall be renewed every five years (upon request) until the death of the original claimant's last immediate family member unless the special use permit has been revoked or the cabin has been abandoned.

(4) No new cabins will be constructed in designated wilderness areas unless they are built specifically for the administration of the area, for public safety, or for trapping where trapping has been a traditional and customary use.

(5) New trapping cabins in wilderness will be available for public use to ensure public health and safety.

(6) The occupancy of a noncommercial cabin is limited to the permittee, and his/her family, bona fide partners, and guests.

(e) Commercial cabins. In addition to paragraph (b) of this section, the regulations in this paragraph (e) shall apply to all commercial cabins, permittees, clients, guests, and occupants.

(1) A special use permit is required for all cabins used for commercial purposes. Refuge managers may also issue special use permits that authorize additional commercial use of an existing cabin used for guiding, etc. The use of a new cabin shall be limited to the type of use specified in the original permit. The refuge manager may permit the use of an existing cabin on non-wilderness refuge lands for the exercise of valid commercial fishing rights. Such a permit may be denied if, after conducting a public hearing in the affected locality, it is found that the use is inconsistent with refuge purposes and is a significant expansion of commercial fishing activities within the unit beyond 1979 levels.

(2) When the commercial fishing or guiding rights associated with a permittee's existing cabin are acquired by a new party, the privilege of using the cabin cannot be sold and the new party does not necessarily qualify for a cabin permit. He/she must apply for a permit and meet the criteria described in this paragraph (e) before issuance of a special use permit by the refuge manager. He/she may not occupy the cabin before issuance of a permit.

(3) No new commercial cabins will be permitted in wilderness areas.

(4) Commercial cabins may be occupied only by persons legitimately involved in the commercial enterprise, assistants, employees, their families, guests and clients and only during the time that the authorized activity is occurring. The names of those individuals, excluding guests and clients, will be listed on the permit. The permittee or another individual listed on the permit must be present when the cabin is occupied.

(5) Special use permits for commercial cabins may be renewed annually in conjunction with the special use permit renewal for the commercial activity itself. The cabin permit may be issued for periods of up to five years and is a separate permit from one issued for the commercial activity.

(f) Administrative and government-owned public use cabins. In addition to paragraph (a) of this section, the regulations in this paragraph (f) apply to all administrative and government-owned cabins.

(1) The refuge manager can designate those cabins not under permit as administrative cabins to be used for official government business. Administrative cabins may be used by the public during life-threatening emergencies. On a case-by-case basis, they may also be designated as public use cabins when not needed for government purposes. In such cases, the refuge manager must
§ 36.37 Revenue producing visitor services.

(a) Applicability. (1) Except as otherwise provided for in this paragraph, the regulations contained in this section apply to new visitor services provided within all National Wildlife Refuge areas in Alaska.

(2) The rights granted by this section to historical operators, preferred operators, and Cook Inlet Region, Incorporated, are not exclusive. The Refuge Manager may authorize other persons to provide visitor services on refuge lands. Nothing in this section shall require the Refuge Manager to issue a visitor services permit if not otherwise mandated by statute to do so. Nothing in this section shall authorize the Refuge Manager to issue a visitor services permit to a person who is not capable of carrying out its terms and conditions in a satisfactory manner.

(3) This section does not apply to the guiding of sport hunting or sport fishing.

(b) Definitions. The following definitions shall apply to this section:

(1) Best offer means a responsive offer that best meets, as determined by the Refuge Manager, the selection criteria contained in a competitive solicitation for a visitor services permit.
Controling interest, in the case of a corporation means an interest, beneficial or otherwise, of sufficient outstanding voting securities or capital of the business, so as to permit exercise of final managerial authority over the actions and operations of the corporation, or election of a majority of the Board of Directors of the corporation.

Controlling interest in the case of a partnership, limited partnership, joint venture or individual entrepreneurship means a beneficial ownership of or interest in the entity so as to permit the exercise of final managerial authority over the actions and operations of the entity.

Controlling interest in other circumstances means any arrangement under which a third party has the ability to exercise general management authority over the actions or operations of the business.

Historical operator means any person who:

(i) On or before January 1, 1979, was lawfully engaged in adequately providing any type of visitor service in a refuge within the scope of paragraph (c) of this section;

(ii) Has continued to lawfully provide that visitor service; and

(iii) If otherwise determined by the Refuge Manager to have a right to continue to provide such services or similar services pursuant to paragraph (c) of this section.

Local area means that area in Alaska within 100 miles of the location within a refuge where any of the visitor service is authorized.

Local resident means:

(i) For individuals. Those individuals that have maintained their primary, permanent residence and business within the local area for the past twelve (12) consecutive months and whenever absent from this primary, permanent residence, have the intention of returning to it. Factors demonstrating the location of an individual’s primary, permanent residence and business may include, but are not limited to, the permanent address indicated on licenses issued by the State of Alaska, tax returns, and voter registrations.

(ii) For corporations. A corporation in which the controlling interest is held by an individual or individuals who qualify as “local resident(s)” within the meaning of this section. For non-profit corporations a majority of the board members and a majority of the officers must qualify as “local residents.”

Native Corporation means the same as defined in section 102(6) of ANILCA.

Preferred operator means a local resident or Native Corporation which is entitled to a preference under this section in the award of a permit, and as otherwise provided under section 1307(b) of ANILCA.

A responsive offer means one which is timely made and meets the terms and conditions of the solicitation document.

Similar visitor service means that visitor service authorized by the Refuge Manager to be provided on a refuge and determined by the Refuge Manager, on a case by case basis, to be similar to an established service being provided by a historical operator.

Visitor service means any service or activity made available for a fee, commission, brokerage, or other compensation to persons who visit a refuge, including such services as providing food, accommodations, transportation, tours, and guides excepting the guiding of sport hunting and fishing. This also includes any activity where one participant/member or group of participants pays more in fees than the other participants (non-member fees, etc.), or fees are paid to the organization which are in excess of the bona fide expenses of the trip.

Right of first refusal means, as it relates to section 1307(a) of ANILCA, a reasonable opportunity for a historical operator to review a description of the new similar service and the terms and conditions upon which it is to be provided to determine if the historical visitor service operator wishes to provide the service. As it relates to section 1307(c) of ANILCA, it refers to the opportunity for Cook Inlet Region, Incorporated to have the first opportunity to provide new visitor services on the Kenai National Wildlife Refuge in the Cook Inlet Region.

Visitor services existing on or before January 1, 1979, “historical operators”. A historical operator shall have a
right to continue to provide visitor services or similar services within such area, under appropriate terms and conditions, so long as such services are determined by the Refuge Manager to be consistent with the purposes for which the refuge was established. A historical operator must obtain a permit from the refuge manager to conduct the visitor services. The permit shall be for a fixed term and specified area, and shall contain such terms and conditions as are in the public interest. Failure to comply with the terms and conditions of the permit may result in cancellation of the authorization and consequent loss of historical operator rights under this section. Nothing in this section shall prohibit the Refuge Manager from permitting persons, in addition to historical operators, to provide visitor services in the refuge at the Refuge Manager's discretion so long as historical operators are permitted to conduct a scope or level of visitor services equal to or greater than those provided prior to January 1, 1979, under terms and conditions consistent with this section. A historical operator may be permitted by the Refuge Manager, under separate authority, to increase the scope or level of visitor services provided prior to January 1, 1979, but no historical operating rights shall be obtained in such increase.

(2) A historical operator may also apply to the Refuge Manager for a permit or amended permit to provide similar types of visitor services. Granting the request will not result in an increase in the scope or level of service in excess of those provided as of January 1, 1979, by the requesting historical operator. The Refuge Manager shall grant the request if such visitor services are determined by the Refuge Manager to be:

(i) Consistent with the management of refuge resources and the purposes for which the refuge was established;
(ii) Similar to the visitor services provided by the historical operator prior to January 1, 1979; and
(iii) Consistent with the legal rights of any other person.

(3) When a historical operator permit has expired, and if the visitor services permitted by it were adequately provided and consistent with the purposes of the refuge as determined by the Refuge Manager, the Refuge Manager shall renew the permit for a fixed term consistent with such new terms and conditions as are in the public interest. Should a historical operator decline to accept an offer of renewal, its rights as a historical operator shall be considered as terminated.

(4) If the Refuge Manager determines that permitted visitor services must be curtailed or reduced in scope or season to protect refuge resources, or for other purposes, the Refuge Manager shall require the historical operator to make such changes in visitor services. If more than one historical operator providing the same type of visitor services is required to have those services curtailed, the Refuge Manager shall establish a proportionate reduction of visitor services among all such historical operators, taking into account historical operating levels and other appropriate factors, so as to achieve a fair curtailment of visitor services among the historical operators. If the level of visitor services must be so curtailed that only one historical operator feasibly may continue to provide the visitor services, the Refuge Manager shall select one historical operator to continue to provide the curtailed visitor services through a competitive selection process.

(5) The rights of a historical operator shall terminate if the historical operator fails to provide the visitor services under the terms and conditions of a permit issued by the Refuge Manager or fails to provide the visitor services for a period of more than twenty four (24) consecutive months.

(6) The rights of a historical operator under this section shall terminate upon a change, after January 1, 1979, in the controlling interest of the historical operator through sale, assignment, devise, transfer or otherwise.

(7) The Refuge Manager may authorize other persons to provide visitor services in a refuge in addition to historical operators, as long as such other persons conduct the services in a manner compatible with the purposes of the refuge.
§ 36.37  

(d) Visitor services initially authorized after January 1, 1979, “preferred operators”. (1) In selecting persons to provide, and in permitting any type of visitor service, excepting guided hunting or fishing, the Refuge Manager will give a preference to preferred operators determined qualified to provide such visitor services. Preferences for most directly affected Native Corporation(s) and local residents are equal and are not additive.

(2) In selecting persons to provide any type of visitor service for refuges subject to a preferred operator preference under this section, the Refuge Manager will publicly solicit competitive offers for persons to apply for a permit, or the renewal of a permit, to provide such visitor service pursuant to Service procedures. Preferred operators must submit a responsive offer to such solicitation in order to effect their preference. If, as a result of the solicitation, an offer from a person other than a preferred operator is determined to be the best offer, that offeror is determined to be capable of carrying out the terms of the permit, the preferred operator which submitted the most responsive offer shall be given an opportunity to substantially equal the best offer received by amending its offer. If the amended offer of the preferred operator is considered by the Refuge Manager as being substantially equal to the terms of the best offer, the permit shall be awarded to the preferred operator. If it does not, the permit may be awarded to another person pursuant to a showing that such other person can carry out the conditions of the special use permit in a manner compatible with the purposes of the refuge. An offer being made by CIRI under this section must document controlling interest by CIRI when made in cooperation with village corporations within the Cook Inlet Region. The CIRI right of first refusal shall have precedence over the rights of preferred operators.

(f) Most directly affected Native Corporation determination. (1) Prior to the issuance of a solicitation document for any new visitor service in a refuge, the Refuge Manager shall provide an opportunity for any Native Corporation interested in providing visitor services within that refuge to submit an application to the Refuge Manager to be determined “most directly affected” Native Corporation. The application shall...
include but not be limited to, the following information:

(i) The name, address, and telephone number of the Native Corporation, the date of incorporation, its articles of incorporation and structure, and the name of the applicable refuge area;

(ii) The location of the corporation’s population center or centers;

(iii) An assessment of the socio-economic impacts, including historical and traditional use, and their effects on the Native Corporation as a result of the expansion or establishment of the refuge; and

(iv) Any other information the Native Corporation believes is relevant.

(2) Upon receipt of all applications from interested Native Corporations, the Refuge Manager will determine the “most directly affected” Native Corporation based on, but not limited to, the following criteria:

(i) The number of acres of surface land within and adjoining the refuge that the Native Corporation owns, or which has been selected under the Alaska Native Claims Settlement Act, unless such selection is determined to be invalid or is relinquished;

(ii) The distance and accessibility from the Native Corporation’s population center and/or business address to the applicable refuge; and

(iii) The socio-economic impacts, including historic and traditional use, and their effects as a result of the expansion or establishment of the refuge.

(3) In the event that more than one Native Corporation is determined to be equally affected, each such Native Corporation shall be considered as a preferred operator under this section.

(4) The Refuge Manager’s “most directly affected” Native Corporation determination or when requested, the Regional Director’s appeal decision for a refuge is applicable for all new visitor services in that refuge.

(5) Any Native Corporation that has not applied for a most directly affected Native Corporation determination may apply for a determination upon issuance of a future solicitation for a new visitor service. A corporation determined to be most directly affected for a refuge will maintain that status for all future visitor service solicitations.

(g) Appeal procedures. Any person(s) who believe that they have been improperly denied rights with respect to providing visitor services under this section may appeal the denial to the Regional Director. Such an appeal must be submitted in writing within forty-five (45) days of receipt of the denial from which an appeal is sought. The appeals process as defined in 50 CFR subpart F, §36.41(b) will apply with exception of the period of time allowed to file an appeal.


Subpart E—Refuge Specific Regulations

§ 36.39 Public use.

(a) General. Public use of Alaska National Wildlife Refuges (NWR) is permitted subject to all other parts of 50 CFR part 36, those sections of 50 CFR subchapter C not supplemented by part 36, and the following refuge-specific requirements:

(b) Alaska Maritime National Wildlife Refuge. (1) Amchitka Island—closed to all public access, occupancy and use, unless specifically authorized by a special use permit issued jointly by the Refuge Manager and the U.S. Navy (Commanding Officer, Fleet Surveillance Support Command, Chesapeake, Virginia).


(2) Off-road vehicles are permitted on the refuge complex under §36.12(a), §36.39(c)(2)(ii) or §36.39(c)(2)(iii) and must meet the following conditions:

(i) Vehicles are limited to three or four-wheeled vehicles with a maximum gross weight of 650 pounds as listed by the manufacturer.

(ii) ORV’s are permitted on the following trails only: Yantarni Bay Airstrip; Yantarni Bay Airstrip to beach trail; and Yantarni Bay Airstrip to oil...
(iii) Subject to the weight and size restrictions listed in (i) above, subsistence use of off-road vehicles, as authorized by 50 CFR 36.12(a) is allowed throughout the Alaska Peninsula/Becharof National Wildlife Refuge Complex.

(3) Camping is permitted on the Refuge Complex subject to the following restrictions:

(i) These camping limits do not apply to subsistence users except at Big Creek where they apply to all refuge complex users.

(ii) No permanent improvements may be made to campsites without a special use permit. All materials brought on to the refuge complex must be removed upon cessation of camping unless authorized by a special use permit.

(iii) Other than reserved sites authorized by special use permits, camping at one location is limited to seven consecutive nights from August 1 through November 15 within ¼ mile of the following waters: Becharof Lake in the Severson Peninsula area (Island Arm); Becharof Lake Outlet; Ugashik Narrows; Big Creek; Gertrude Lake; and Gertrude Creek between Gertrude Lake and the King Salmon River. Maps of the above areas are available from the Refuge Manager.

(iv) Tent camps must be moved a minimum of one mile following each seven-night camping stay during the periods specified above.

(4) Temporary facilities may be authorized on the Alaska Peninsula/Becharof National Wildlife Refuge Complex by special use permit only, subject to the following conditions:

(i) Except for administrative or subsistence purposes, new temporary facilities are prohibited within ¼ mile of the shoreline of Becharof Lake.

(ii) Except for administrative purposes, new temporary facilities are prohibited in the following areas: within ¼ mile of the shorelines of Gertrude Lake and Long Lake; within ¼ mile of the airstrip on the south side of the King Salmon River approximately ½ mile above the confluence of Gertrude Creek and the King Salmon River; within ¼ mile of the shoreline of Upper and Lower Ugashik Lakes; within ¼ mile of the shoreline of Becharof Lake outlet; and within ¼ mile of the shoreline of Big Creek. Maps of the above areas are available from the Refuge Manager.

50 CFR Ch. I (10-1-98 Edition)

\text{\textbf{§ 36.39}}

\text{well site trail. Maps of the above areas are available from the Refuge Manager.}

\text{(iii) Subject to the weight and size restrictions listed in (i) above, subsistence use of off-road vehicles, as authorized by 50 CFR 36.12(a) is allowed throughout the Alaska Peninsula/Becharof National Wildlife Refuge Complex.}

\text{(3) Camping is permitted on the Refuge Complex subject to the following restrictions:}

\text{(i) These camping limits do not apply to subsistence users except at Big Creek where they apply to all refuge complex users.}

\text{(ii) No permanent improvements may be made to campsites without a special use permit. All materials brought on to the refuge complex must be removed upon cessation of camping unless authorized by a special use permit.}

\text{(iii) Other than reserved sites authorized by special use permits, camping at one location is limited to seven consecutive nights from August 1 through November 15 within ¼ mile of the following waters: Becharof Lake in the Severson Peninsula area (Island Arm); Becharof Lake Outlet; Ugashik Narrows; Big Creek; Gertrude Lake; and Gertrude Creek between Gertrude Lake and the King Salmon River. Maps of the above areas are available from the Refuge Manager.}

\text{(iv) Tent camps must be moved a minimum of one mile following each seven-night camping stay during the periods specified above.}

\text{(4) Temporary facilities may be authorized on the Alaska Peninsula/Becharof National Wildlife Refuge Complex by special use permit only, subject to the following conditions:}

\text{(i) Except for administrative or subsistence purposes, new temporary facilities are prohibited within ¼ mile of the shoreline of Becharof Lake.}

\text{(ii) Except for administrative purposes, new temporary facilities are prohibited in the following areas: within ¼ mile of the shorelines of Gertrude Lake and Long Lake; within ¼ mile of the airstrip on the south side of the King Salmon River approximately ½ mile above the confluence of Gertrude Creek and the King Salmon River; within ¼ mile of the shoreline of Upper and Lower Ugashik Lakes; within ¼ mile of the shoreline of Becharof Lake outlet; and within ¼ mile of the shoreline of Big Creek. Maps of the above areas are available from the Refuge Manager.}

\text{(d)-(h) [Reserved]}

\text{(i) Kenai National Wildlife Refuge—(1) Aircraft. (i) The operation of aircraft on the Kenai NWR, except in an emergency, is permitted only as authorized in designated areas as described below. These areas are also depicted on a map available from the Refuge Manager.}

\text{(A) Within the Canoe Lakes, Andy Simons, and Mystery Creek units of the Kenai Wilderness, only the following lakes are designated for airplane operations:}

\text{\textbf{Cano}e \textbf{Lakes} \textbf{Unit}}

\text{Bedlam Lake}
\text{Bird Lake}
\text{Cook Lake}
\text{Grouse Lake}
\text{King Lake}
\text{Mull Lake}
\text{Nekutak Lake}
\text{Norak Lake}
\text{Sandpiper Lake}
\text{Scenic Lake}
\text{Shoepac Lake}
\text{Snowshoe Lake}
\text{Taiga Lake}
\text{Tangerra Lake}
\text{Vogel Lake}
\text{Wilderness Lake}
\text{Pepper, Gene, and Swanson Lakes are only open for sport ice fishing.}

\text{\textbf{Andy Simons} \textbf{Unit}}

\text{Emerald Lake}
\text{Green Lake}
\text{Harvey Lake}
\text{High Lake}
\text{Iceberg Lake}
\text{Kolomin Lakes}
\text{Lower Russian Lake}
\text{Martin Lake}
\text{Pothole Lake}
\text{Twin Lakes}
\text{Upper Russian Lake}
\text{Windy Lake}
\text{Dinglestadt Glacier terminus lake}
\text{Wusnesenski Glacier terminus lake}
\text{Tustumena Lake and all wilderness lakes within one mile of the shoreline of Tustumena Lake.}
\text{All unnamed lakes in sections 1 & 2, T. 1 S., R. 10 W., and sections 4, 5, 8 & 9, T. 1 S., R. 9 W., S.M., AK.}

\text{\textbf{Mystery Creek} \textbf{Unit}}

\text{An unnamed lake in section 11, T. 6 N., R. 5 W., S.M., AK.}
(B) Airplanes may operate on all lakes outside the Kenai Wilderness, except those lakes with recreational developments, including, but not limited to, campgrounds, campsites, and public hiking trails connected to roadways. The non-wilderness lakes closed to aircraft operations are as follows:

NORTH OF STERLING HIGHWAY
Afonasi Lake
Aneretz Lake
Breeze Lake
Cashka Lake
Dabbler Lake
Dolly Varden Lake
Forest Lake
Imeri Lake
Lili Lake
Mosquito Lake
Rainbow Lake
Silver Lake
Upper Jean Lake
Watson Lake
Weed Lake
West Lake

All lakes in the Skilak Loop Area (South of Sterling Highway and North of Skilak Lake) are closed to aircraft except that airplanes may land on Bottenintnin Lake, which is open year-around and Hidden Lake, which is only open for sport ice fishing.

SOUTH OF STERLING HIGHWAY
Headquarters Lake is restricted to administrative use only.

(ii) Notwithstanding any other provision of these regulations, the operation of aircraft is prohibited between May 1 and September 30, inclusive, on any lake where nesting trumpeter swans and/or their broods are present, except Windy and Lonesome Lakes where the closure is between May 1 and September 10 inclusive.

(iii) The operation of wheeled aircraft, at the pilot's own risk, is only authorized on the unmaintained Big Indian Creek Airstrip, on gravel areas within ½ mile of Wusnesenski Glacier terminus lake, and within the SE¼, section 16 and SW¼, section 15, T. 4 S., R. 8 W., Seward Meridian.

(iv) Unlicensed aircraft are permitted to operate on the refuge only as authorized by a special use permit from the Refuge Manager.

(v) Airplanes may operate only within designated areas on the Chickaloon Flats, as depicted on a map available from the Refuge Manager.

(vi) Airplane operation is permitted on the Kasilof River, the Chickaloon River outlet, and the Kenai River below Skilak Lake from June 15 through March 14. All other rivers on the refuge are closed to aircraft.

(2) Motorboats. Motorboats are authorized on all waters of the refuge except under the following conditions and within the following areas:

(i) Motorboats are not authorized on lakes within the Canoe Lakes Unit of the Kenai Wilderness, except those lakes designated for airplane operations as described on a map available from the Refuge Manager. Boat motor use is not authorized on those portions of the Moose and Swanson Rivers within the Canoe Lakes Unit of the Kenai Wilderness.

(ii) That section of the Kenai River from the outlet of Skilak Lake downstream for three miles is closed to motorboat use between March 15 and June 14, inclusive. However, any boat having a motor attached may drift or row through this section provided the motor is not operating.

(iii) That section of the Kenai River from the powerline crossing located approximately one mile below the confluence of the Russian and Kenai Rivers downstream to Skilak Lake is closed to motorboats. However, any boat having a motor attached may drift or row through this section provided the motor is not operating.

(iv) Motors in excess of 10 horsepower are not authorized on the Moose, Swanson, Funny, Chickaloon (upstream of river mile 7.5), Killey, and Fox Rivers.

(v) A "no-wake" restriction applies to Engineer, Upper and Lower Ohmer, Bottenintnin, Upper and Lower Jean, Kelly, Petersen, Watson, Imeri, Afonasi, Dolly Varden, and Rainbow Lakes.

(vi) Notwithstanding any other provision of these regulations, operation of a motorboat is prohibited between May 1 and September 30, inclusive, on any lake where nesting trumpeter swans and/or their broods are present, except Windy and Lonesome Lakes where the closure is between May 1 and September 10, inclusive.

(3) Off-Road Vehicles. (i) The use of air cushion, airboat, or other motorized watercraft, except motorboats, is
§ 36.39  

not allowed on the Kenai NWR, except as authorized by a special use permit from the Refuge Manager.

(ii) Off-road vehicle use, including operation on lake and river ice, is not permitted. Licensed highway vehicles are permitted on Hidden, Engineer, Kelly, Petersen, and Watson Lakes for ice fishing purposes only, and must enter and exit lakes via existing boat ramps.

(4) Snowmobiles. Operation of snowmobiles is authorized on the Kenai NWR subject to the following conditions and exceptions:

(i) Snowmobiles are permitted between December 1 and April 30 only when the Refuge Manager determines that there is adequate snowcover to protect underlying vegetation and soils. During this time, the Refuge Manager will authorize, through public notice, the use of snowmobiles less than 46 inches in width and less than 1,000 pounds (450 kg) in weight. Designated snowmobile areas are described on a map available from the Refuge Manager.

(ii) All areas above timberline, except Caribou Hills, are closed to snowmobile use.

(iii) The area within sections 5, 6, 7, and 8, T. 4 N., R. 10 W., S.M., AK., east of the Sterling Highway right-of-way, including the refuge headquarters complex, the environmental education/cross-country ski trails, Headquarters and Nordic lakes, and the area north of the east fork of Slikok Creek and northwest of a prominent seismic trail to Funny River Road, is closed to snowmobile use.

(iv) An area, including the Swanson River Canoe Route and portages, beginning at the Paddle Lake parking area, then west and north along the Canoe Lakes wilderness boundary to the Swanson River, continuing northeast along the river to Wild Lake Creek, then east to the west shore of Shoepac Lake, south to the east shore of Antler Lake, and west to the beginning point near Paddle Lake, is closed to snowmobile use.

(v) An area, including the Swan Lake Canoe Route, and several road-connected public recreational lakes, bounded on the west by the Swanson River Road, on the north by the Swan Lake Road, on the east from a point at the east end of Swan Lake Road south to the west bank of the Moose River, and on the south by the refuge boundary, is closed to snowmobile use.

(vi) Within the Skilak Loop Special Management Area, snowmobiles are prohibited, except on Hidden, Kelly, Petersen and Engineer lakes for ice fishing access only. Upper and Lower Skilak Lake campground boat launches may be used as access points for snowmobile use on Skilak Lake.

(vii) Snowmobiles may not be used on maintained roads within the refuge. Snowmobiles may cross a maintained road after stopping and when traffic on the roadway allows safe snowmobile crossing.

(viii) Snowmobiles may not be used for racing or for the harassment of wildlife.

(5) Hunting and Trapping. (i) Firearms may not be discharged within 1/4 mile of designated public campgrounds, trailheads, waysides, buildings or the Sterling Highway from the east refuge boundary to the east junction of the Skilak Loop Road.

(ii) A special use permit, available from the Refuge Manager, is required prior to baiting black bears.

(iii) Hunting with the aid or use of a dog for taking big game is permitted only for black bear, and then only under the terms of a special use permit from the Refuge Manager.

(iv) Hunting and trapping within sections 5, 6, 7, and 8, T. 4 N., R. 10 W., S.M., AK., encompassing the Kenai NWR headquarters/visitor center and associated environmental education trails, are prohibited. The boundary of these administrative and environmental education areas is depicted on a map available from the Refuge Manager.

(6) Fishing. Fishing is prohibited June 1 to August 15, on the south bank of the Kenai River from the Kenai-Russian River Ferry dock to a point 100 feet downstream.

(7) Other Public Uses. (i) Camping is permitted on the Kenai NWR subject to the following restrictions:

(A) Camping may not exceed 14 days in any 30 day period anywhere on the refuge.
(B) Campers may not spend more than two consecutive days at the Kenai-Russian River access area, more than seven consecutive days at Hidden Lake Campground, or more than seven consecutive days in refuge shelters.

(C) Within developed campgrounds, camping is permitted only in designated areas and open fires are permitted only in Service-provided fire grates or portable, self-contained, metal fire grills.

(D) No camping is permitted within 1/4 mile of the Sterling Highway, Ski Hill or Skilak Loop roads, except in designated campgrounds.

(E) Campers may cut only dead and down timber for campfire use.

(F) Pets in developed campgrounds are permitted only on a leash no longer than nine feet.

(ii) Removal of timber, including the cutting of firewood for home use, is permitted only as authorized by a special use permit from the Refuge Manager.

(iii) Leaving personal property unattended longer than 72 hours is authorized only in designated areas or as authorized by a special use permit from the Refuge Manager.

(iv) Rock outcrop islands in Skilak Lake used by nesting cormorants and gulls and the adjacent waters within 100 yards are closed to public entry and use from March 15 to September 30. Maps showing these areas are available from the Refuge Manager.

(v) All radio transmitters, neck and leg bands, ear tags, or other research marking devices recovered from wildlife shall be turned in to the Refuge Manager within five days after recovery.

(vi) Use of non-motorized wheeled vehicles is permitted only on refuge roads designated for public vehicular access.

(vii) The use of motorized equipment, including but not limited to, chainsaws, generators, and auxiliary power units, is not permitted within the Kenai Wilderness, except snowmobiles, airplanes, and motorboats in designated areas.

(viii) All canoeists on the Swanson River and Swan Lake Canoe Routes must register at entrance points. Maximum group size is 15 persons.

(j) Kodiak National Wildlife Refuge—(1) Seasonal public use closure of the O'Malley River Area. That area within the Kodiak National Wildlife Refuge described in this paragraph (j)(1) is closed to all public access, occupancy and use from June 25 through September 30. The area subject to seasonal closure consists of lands and waters located within Township 33 South, Range 30 West, Seward Meridian, Alaska, consisting of approximately 2,560 acres, and more particularly described as follows: Township 33 South, Range 30 West, Seward Meridian, Alaska, all of Section 25, all of Section 26, excluding U.S. Survey 10875 and the adjacent riparian ownership (Koniag Inc.) fronting the survey and extending to the center of Karluk Lake; and all of Sections 35 and 36, excluding U.S. Survey 10876 and the adjacent riparian ownership (Koniag Inc.) fronting the survey and extending to the center of Karluk Lake. Maps of the closure area are available from the Refuge.

(2) Access easement provision. Notwithstanding any other provision of this paragraph (j), there exists a twenty-five foot wide access easement on an existing trail within the Koniag Inc. Regional Native Corporation lands within properties described in paragraph (j)(1) of this section in favor of the United States of America.

§ 36.41 Permits.

(a) Applicability. The regulations contained in this section apply to the issuance and administration of competitively and noncompetitively issued permits for economic and/or other privileged uses on all national wildlife refuges in Alaska. Nothing in this section mandates by statute to do so. Supplemental procedures for granting historical use, Native Corporation, and local...
preferences in the selection of commercial operators to hold permits to provide visitor services, other than hunting and fishing guiding on refuges in Alaska, are addressed in §36.37, Revenue-producing visitor services.

(b) Definitions. As used in this section, the term or terms:

Commercial visitor service means any service or activity made available for a fee, commission, brokerage or other compensation to persons who visit a refuge, including such services as providing food, accommodations, transportation, tours, and guides. Included is any activity where one participant/member or group of participants pays more in fees than the other participants (non-member fees, etc.), or fees are paid to the organization which are in excess of the bona fide expenses of the trip;

Entire business means all assets including, but not limited to, equipment, facilities, and other holdings directly associated with the permittee's type of commercial visitor service authorized by permit. This term also includes assets held under the name of separate business entities, which provide the same specific type of commercial visitor services authorized by permit, that the permittee has a financial interest in. The term does not include related enterprises owned by the permittee such as taxidermy and travel services;

Immediate family means the spouse and children, either by birth or adoption, of the permittee.

Operations plan means a narrative description of the commercial operations which contains all required information identified in the prospectus;

Permit means a special use permit issued by the refuge manager which authorizes a commercial visitor service or other activity restricted by law or regulation on a national wildlife refuge;

Prospectus means the document that the Service uses in soliciting competition to award commercial visitor services on a refuge;

Subcontracting means any activity in which the permittee provides financial or other remuneration in return for allowing another commercial operator to conduct any of the permittee’s authorized activities in the permittee’s use area; and

Use area means the designated area where commercial services may be conducted by the permittee.

(c) General provisions. In all cases where a permit is required, the permittee must abide by the conditions under which the permit was issued. Refuge managers will provide written notice to the permittee in all cases where documentation of noncompliance is prepared for use in any administrative proceeding involving the permittee.

(d) Application. (1) This section and other regulations in this part 36, generally applicable to the National Wildlife Refuge System, require that permits be obtained from the refuge manager. For activities on the following refuges, request permits from the respective refuge manager in the following locations:

<table>
<thead>
<tr>
<th>Refuge</th>
<th>Office location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska Peninsula National Wildlife Refuge</td>
<td>King Salmon.</td>
</tr>
<tr>
<td>Alaska Maritime National Wildlife Refuge</td>
<td>Homer.</td>
</tr>
<tr>
<td>Aleutian Islands Unit, Alaska Maritime NWR</td>
<td>Homer.</td>
</tr>
<tr>
<td>Arctic National Wildlife Refuge</td>
<td>Fairbanks.</td>
</tr>
<tr>
<td>Becharof National Wildlife Refuge</td>
<td>King Salmon.</td>
</tr>
<tr>
<td>Innoko National Wildlife Refuge</td>
<td>McGrath.</td>
</tr>
<tr>
<td>Izembek National Wildlife Refuge</td>
<td>Cold Bay.</td>
</tr>
<tr>
<td>Kanuti National Wildlife Refuge</td>
<td>Fairbanks.</td>
</tr>
<tr>
<td>Kenai National Wildlife Refuge</td>
<td>Soldotna.</td>
</tr>
<tr>
<td>Kodiak National Wildlife Refuge</td>
<td>Kodiak.</td>
</tr>
<tr>
<td>Koyukuk National Wildlife Refuge</td>
<td>Galena.</td>
</tr>
<tr>
<td>Nowitna National Wildlife Refuge</td>
<td>Kotzebue.</td>
</tr>
<tr>
<td>Selawik National Wildlife Refuge</td>
<td>Tok.</td>
</tr>
<tr>
<td>Togiak National Wildlife Refuge</td>
<td>Dillingham.</td>
</tr>
<tr>
<td>Tetlin National Wildlife Refuge</td>
<td>Bethel.</td>
</tr>
<tr>
<td>Yukon Delta National Wildlife Refuge</td>
<td>Fairbanks.</td>
</tr>
<tr>
<td>Yukon Flats National Wildlife Refuge</td>
<td></td>
</tr>
</tbody>
</table>
2. For noncompetitively issued permits, the applicant may present the application verbally if he/she is unable to prepare a written application. The refuge manager will keep a written record of such verbal application. For competitively issued permits, the applicant must submit a written application in the format delineated in the prospectus or other designated format of the Service.

3. The refuge manager will grant or deny applications for noncompetitively issued permits in writing within 45 days, except for good cause. For competitively issued permits, the refuge manager will grant or deny applications in accordance with the timeframe established in the prospectus, except for good cause.

4. Refuge managers may establish application period deadlines for individual refuges for both competitively and noncompetitively issued permits. The refuge manager will send notification of availability for commercial opportunities and application deadlines to existing and/or the previous year’s permittees. He/she will publish the notice in at least one newspaper of general circulation in the State and in at least one local newspaper if available, and will make available for broadcast on local radio stations in a manner reasonably calculated to inform local prospective applicants.

5. The Service may limit the number of applications that an individual may submit for competitively awarded offerings.

(e) Competitively awarded permits. (1) Where the number of available permits is limited, refuge managers will award permits competitively. A prospectus with invitation to bid system will be the primary competitive method used for selecting commercial visitor services. Where justified, other selection methods, including but not limited to lotteries, may be used. Such circumstances may include, but not be limited to, the timely refilling of use areas that have become vacant during regularly scheduled terms to prevent commercial visitor service opportunities from going unused, and initiating trial programs on individual refuges. The refuge manager has discretionary authority to issue noncompetitive permits on a one-time, short-term basis to accredited educational institutions and other nonprofit organizations to conduct primarily environmental education-related activities that also may be recreational in nature in use areas where permits for that type of guided recreational activity are otherwise limited to competitive award.

2. Where numbers of permits have been limited for an activity prior to the promulgation of these regulations and a prospectus with invitation to bid system has not yet been developed, refuge managers may issue noncompetitive five-year permits consistent with the terms set forth in paragraph (e)(16) of this section on a one-time basis to existing permittees.

3. The Service will publish notice of all solicitations for competition in accordance with paragraph (d)(4) of this section and include reasonable application periods of not less than 60 days. When competitively selecting permittees for an activity in a use area where permits for that activity were not previously competitively awarded, the Service will publish notice of the upcoming opportunity a minimum of 18 months prior to the effective date of the permit term.

4. All prospectuses will identify the selection criteria that the Service will use to evaluate the proposals. All prospectuses involving commercial visitor services must include experience and performance in providing the same or similar services as a criterion. In evaluating the experience of an applicant, the Service will specifically consider knowledge of the specific area covered by the prospectus and the nature of the technical skills required to provide quality service to the public.

5. A panel of Service employees who use a scoring process based on the selection criteria will evaluate and rank applications received in response to a prospectus.

6. The Service has discretionary authority to not evaluate or consider proposals that are incomplete or improperly submitted.

7. The Service may establish minimum scores to qualify for the award of permits. If established, these minimum scores will be identified in the prospectus.
(8) The Service may establish limits on the number of use areas within an individual refuge, or on refuges statewide, in which a permittee is authorized to operate. This limit applies to different corporations in which the same individual has any ownership interests.

(9) When vacancies occur in competitively filled use areas, the procedure for reissuing the permits will depend on how long it has been since the permit originally was issued. The Service will award the permit to the next highest ranking interested applicant in the original solicitation, if a vacancy occurs within the first 12 months of the permit’s effective date. Resolicited competition for the area will occur as soon as practicable if:

(i) A vacancy occurs after 12 months of the permit’s effective date; and

(ii) At least 24 months of the original permit term is available for a new permittee after completion of the solicitation, application, evaluation and awards period. If less than 24 months of the term of the permit is available, the Service has the discretion to solicit competition during the regularly scheduled solicitation period. The Service may annually issue non-competitive permits for vacant areas, where there has not been significant permittee interest, until competition can be solicited in conjunction with other solicitations for vacant areas.

(10) Terms of permits awarded under the prospectus with invitation method are valid for 5 years except in those instances where the Service issues permits to fill vacancies occurring during a scheduled award cycle. In these instances, the permit duration is limited to the expiration date of the original award period. Permits awarded under the prospectus by invitation method must be renewed noncompetitively by the refuge manager for a period of 5 additional years upon application and a showing of permittee compliance with all applicable permit terms and conditions and a satisfactory record of performance. After one renewal, the Service shall not extend or noncompetitively renew another permit.

(11) Permit privileges may be transferred to other qualified entities that demonstrate the ability to meet Service standards, as outlined in the prospectus upon which the existing permit was based, subject to approval by the refuge manager. Requests for transfers must be made in writing to the refuge manager. A permittee who transfers his/her privileges will not be eligible to be considered for competitively awarded permits for the same type of activity on the same national wildlife refuge for a period of three years following the authorized transfer. The Service retains complete discretion in allowing transfers. In general, the Service approves transfers only upon demonstrating that it is to the government’s benefit and if all the following criteria are satisfied:

(i) The transfer is part of the sale or disposition of the current permittee’s entire business as earlier defined;

(ii) The current permittee was either conducting the commercial operation in the refuge under authorization of a permit for a minimum of 12 years or owns significant real property in the area, the value of which is dependent on holding a refuge permit. Consideration of the last element will include, but is not limited to:

(A) The relationship of the real property to permitted refuge activities as documented in the operations plan;

(B) The percentage that the authorized refuge activities comprise of the total commercial use associated with the real property; and

(C) The appraised value of the real property.

(iii) The transferee must be independently qualified to hold the permit under the standards of the prospectus of the original existing permit.

(iv) The transferee has an acceptable history of compliance with State and Federal fish and wildlife and related permit regulations during the past 5 years. An individual with any felony conviction is an ineligible transferee. Transfer approval to an individual having any violations, convictions, or pleas of nolo contendere for fish and wildlife related federal misdemeanors or State violations will be discretionary. Denial is based on, but not limited to, whether the individual committed any violation in which the case disposition resulted in any of the following:

718
(A) Any jail time served or probation;
(B) Any criminal fine of $250 or greater;
(C) Forfeiture of equipment or harvested animal (or parts thereof) valued at $250 or greater;
(D) Suspension of privileges or revocation of any fish and wildlife related license/permits;
(E) Other alternative sentencing that indicates the penalty is of equal severity to the foregoing elements; or
(F) Any multiple convictions or pleas of nolo contendere for fish and wildlife-related Federal misdemeanors or State fish and wildlife-related violations or misdemeanors irrespective of the amount of the fine.

(12) The transferee must follow the operations plan of the original permittee. The transferee may modify the operations plan with the written consent of the refuge manager as long as the change does not result in increased adverse impacts to refuge resources or other refuge users.

(13) Upon timely approval of the transfer, the Service will issue the new permittee a permit for the remaining portion of the original permit term. The refuge manager retains the right to restrict, suspend, revoke, or not renew the permit for failure to comply with its terms and conditions.

(14) Permit privileges issued under this paragraph (e) may be transferred, subject to refuge manager approval, to a former spouse when a court awards permit-associated business assets in a divorce settlement agreement to that person. The recipient must independently qualify to hold the originally issued permit under the minimum standards identified by the Service, and the permittee must have an acceptable history of compliance as set forth in paragraph (e)(11)(iv) of this section. A spouse who lacks any required license(s) but otherwise qualifies may hire an employee, who holds the required license(s) and who has an acceptable history of compliance as set forth in paragraph (e)(11)(iv) of this section, to assist in the operation. Permit privileges may also pass to another member of the immediate family or a person who was a business partner at the time of original permit issuance. This person must be independently qualified under the minimum standards identified by the Service at the time of original permit issuance and have an acceptable history of compliance as set forth in paragraph (e)(11)(iv) of this section.

(16) Upon September 26, 1997, refuge managers will amend existing competitively-awarded permits through the prospectus method to make the terms fully consistent with this section, including eligibility for a 5-year non-competitive renewal.

(f) Fees. Permittees must pay fees formally established by regional and/or nation-wide Service policy. The refuge manager must document any fee exemption.

(g) Subletting and subcontracting. A permittee may not sublet any part of an authorized use area. Subcontracting any service authorized by the permit requires written approval from the refuge manager unless the subcontracted service is specifically identified in the permittee's approved operations plan.

(h) Restriction, suspension and revocation of permits. The refuge manager may suspend, revoke, or reasonably restrict the terms of a permit for noncompliance with the terms and conditions of the regulations in this subchapter C; for nonuse of the permit; for violations/convictions (including pleas of nolo contendere) of any law or regulation pertaining to the same type of activity authorized by the permit, whether or not the activity occurred on or off the refuge; to protect public health or safety; or if the refuge manager determines the use to be incompatible with refuge purposes or is inconsistent with the Service's obligations under Title VIII of the Alaska National Interest Lands Conservation Act. All actions pertaining to this paragraph are subject to the
appeal process as set forth in paragraph (j) of this section.

(i) Appeals. (1) Any person adversely affected by a refuge manager's decision or order relating to the person's permit, or application for a permit, has the right to have the decision or order reviewed by the regional director. This section does not apply to permits or applications for rights-of-way. See 50 CFR 29.22 for the hearing and appeals procedure on rights-of-way.

(2) Prior to making any adverse decision or order on any permit or an application for a noncompetitively issued permit, the refuge manager will notify the permittee or applicant, verbally or in writing, of the proposed action and its effective date. A permittee or applicant of noncompetitively issued permits, shall have 45 calendar days after notification in which to present to the refuge manager, orally or in writing, a statement in opposition to the proposed action or effective date. Notification in writing to a valid permit holder shall occur within 10 calendar days after receipt of the statement in opposition to the refuge manager's final decision or order. An applicant for a noncompetitively issued permit shall be notified in writing within 30 calendar days after receipt of the statement in opposition, of the refuge manager's final decision or order. An applicant for a competitively issued permit who is not selected will not receive advance notice of the award decision. Such applicants, who wish to appeal the decision must appeal directly to the regional director within the time period provided for in paragraph (i)(3) of this section.

(3) The permittee or applicant shall have 45 calendar days from the postmarked date of the refuge manager's final decision or order in which to file a written appeal to the regional director. In appeals involving applicants who were not selected during a competitive selection process, the selected applicant concurrently will have the opportunity to provide information to the regional director prior to the final decision. Selected applicants who choose to take advantage of this opportunity, will retain their right of appeal should the appeal of the unsuccessful applicant result in reversal or revision of the original decision. For purposes of reconsideration, appellants shall present the following information:

(i) Any statement or documentation, in addition to that included in the initial application, permit or competitive prospectus, which demonstrates that the appellant satisfies the criteria set forth in the document under which the permit application/award was made;

(ii) The basis for the permit applicant's disagreement with the decision or order being appealed; and

(iii) Whether or not the permit applicant requests an informal hearing before the regional director.

(4) The regional director will provide a hearing if requested by the applicant. After consideration of the written materials and oral hearing, and within a reasonable time, the regional director shall affirm, reverse, or modify the refuge manager's decision or order and shall set forth in writing the basis for the decision. The applicant must be sent a copy of the decision promptly. The decision will constitute final agency action.

(5) Permittee compliance with any decision or order of a refuge manager shall be required during the appeal process unless the regional director makes a preliminary finding contrary to the refuge manager's decision, and prepares a written determination that such action is not detrimental to the interests of the United States, or upon submission and acceptance of a bond deemed adequate by the refuge manager to indemnify the United States from loss or damage.

(j) State selection of guide-outfitters. Nothing in this section will prohibit the Service from cooperating with the State of Alaska in administering the selection of sport fishing guides and big game hunting guide-outfitters operating on national wildlife refuges should the State develop a competitive selection process which is acceptable to the Service.


§ 36.42 Public participation and closure procedures.

(a) Authority. The Refuge Manager may close an area or restrict an activity on an emergency, temporary, or permanent basis.
(b) Criteria. In determining whether to close an area or restrict an activity otherwise allowed, the Refuge Manager shall be guided by factors such as public health and safety, resource protection, protection of cultural or scientific values, subsistence uses, endangered or threatened species conservation, and other management considerations necessary to ensure that the activity or area is being managed in a manner compatible with the purposes for which the Alaska National Wildlife Refuge area was established.

(c) Emergency closures or restrictions.

(1) Emergency closures or restrictions relating to the use of aircraft, snowmachines, motorboats, or nonmotorized surface transportation shall be made after notice and hearing;

(2) Emergency closures or restrictions relating to the taking of fish and wildlife shall be accompanied by notice with a subsequent hearing;

(3) Other emergency closures or restrictions shall become effective upon notice as prescribed in §36.42(f); and

(4) No emergency closure or restriction shall be for a period exceeding 30 days.

(d) Temporary closures or restrictions.

(1) Temporary closures or restrictions relating to the use of aircraft, snowmachines, motorboats or nonmotorized surface transportation, or to the taking of fish and wildlife, shall not be effective prior to notice and hearing in the vicinity affected by such closures or restriction, and other locations as appropriate;

(2) Other temporary closures shall be effective upon notice as prescribed in §36.42(f);

(3) Temporary closures or restrictions shall extend only for so long as necessary to achieve their purposes, and in no case may exceed 12 months or be extended beyond that time.

(e) Permanent closures or restrictions. Permanent closures or restrictions shall be made only after notice and public hearings in the affected vicinity and other locations as appropriate, and after publication in the Federal Register.

(f) Notice. Emergency, temporary or permanent closures or restrictions shall be published in at least one newspaper of general circulation in the State and in at least one local newspaper if available, posted at community post offices within the vicinity affected, made available for broadcast on local radio stations in a manner reasonably calculated to inform residents in the affected vicinity, and designated on a map which shall be available for public inspection at the office of the Refuge Manager and other places convenient to the public; or

(2) Designated by the posting of appropriate signs; or

(3) Both.

(g) Openings. In determining whether to open an area to public use or activity otherwise prohibited, the Refuge Manager shall provide notice in the Federal Register and shall, upon request, hold a hearing in the affected vicinity and other location, as appropriate prior to making a final determination.

(h) Except as otherwise specifically permitted under the provision of this part, entry into closed areas or failure to abide by restrictions established under this section is prohibited.

TABLE I—SUMMARY LISTING THE NATIONAL WILDLIFE REFUGES IN ALASKA AS ESTABLISHED BY THE ALASKA LANDS ACT, PUB. L. 96-487, DECEMBER 2, 1980

1. Alaska Maritime, including:
   - Aleutian Island*
   - Bering Sea*
   - Bogoslof*
   - Chamisso*
   - Forrester Island*
   - Hazy Islands*
   - Pribilof*
   - Saint Lazaria*
   - Semidi*
   - Simeonof*
   - Tuxedni*

2. Alaska Peninsula

3. Arctic, including: William O. Douglas*

4. Becharof**

5. Innoko

6. Izembek*

7. Kanuti

8. Kmai*

9. Kodiak*

10. Koyukuk

11. Nowitna

12. Selawik

13. Tetlin

14. Togiak, including: Cape Newenham*

15. Yukon Delta, including: Clarence Rhode*

Hazen Bay*
Subpart A—General Provisions

§ 37.1 Purpose.

These regulations implement the requirement of section 1002(d) of the Alaska National Interest Lands Conservation Act, 94 Stat. 2450, as amended, 16 U.S.C. 3142(d), that the Secretary establish guidelines governing surface geological and geophysical exploration for oil and gas within the coastal plain of the Arctic National Wildlife Refuge. Section 1002 mandates an oil and gas exploration program for the refuge's coastal plain. The program shall culminate in a report to Congress which contains, among other things, the identification of those areas within the coastal plain that have oil and gas production potential, an estimate of the volume of oil and gas concerned, the description of the wildlife, its habitat, and other resources that are within the areas identified, and an evaluation of the adverse effects that the carrying out of further exploration for, and the development and production of, oil and gas within such areas will have on the refuge's resources. It is the objective of this program to ascertain the best possible data and information concerning the probable existence, location, volume, and potential for further exploration, development, and production of oil and gas within the coastal plain without significantly adversely affecting the wildlife, its habitat, or the environment and without unnecessary duplication of exploratory activities.

*These indicated units were previously existing refuges before the Alaska Lands Act of December 2, 1980, and are now part of the 16 National Wildlife Refuges established by the Alaska Lands Act.
These regulations prescribe the requirements and procedures for obtaining authorization for and the conduct of such exploratory activities, and for submitting to the Department the resulting data and information. These regulations also describe other matters relating to the administration of the program.

§ 37.2 Definitions.

The following definitions are applicable to the sections of this part.


(b) Adequate protective cover means snow or a frostline, or both, sufficient to protect the vegetation and soil from significant adverse effects due to the operation of surface equipment, as determined by the Regional Director.

(c) Coastal lagoons means the waters and submerged lands between the mainland and the offshore barrier islands that lie between Brownlow Point and the Aichilik River within the coastal plain.

(d) Coastal plain means that area shown on the map entitled “Arctic National Wildlife Refuge”, dated August 1980, and legally described in appendix I of this part.

(e) Cultural resource means any district, site, building, structure, or object significant in American history, architecture, archeology, engineering or culture, as determined in accordance with 36 CFR 60.6.

(f) Department means the Department of the Interior and any of its component bureaus and offices.

(g) Director means the Director of the U.S. Fish and Wildlife Service of his authorized representative.

(h) Exploration plan means the way in which a program of exploratory activities is proposed to be arranged and carried out.

(i) Exploratory activities means surface geological exploration or seismic exploration or both of the coastal plain and all related activities and logistics required for either or both, and any other type of geophysical exploration of the coastal plain which involves or is a component of an exploration program for the coastal plain involving surface use of refuge lands and all related activities and logistics required for such exploration.

(j) Harass means to pursue, hunt, take, capture, molest, collect, harm, shoot or kill or attempt to engage in any of the preceding by either intentional or negligent act or omission.

(k) Hazardous substances means petroleum, petroleum products, toxic materials, chemical effluent, explosives, or other materials which are likely to cause significant adverse effects to the refuge’s wildlife, its habitat, the environment, or humans.

(l) Permittee means the person authorized by a special use permit issued pursuant to this part to conduct exploratory activities on the coastal plain; any official, employee, contractor, subcontractor or agent of the permittee or of the permittee’s designee; and any participant to the permittee’s permit.

(m) Person means any individual, partnership, firm, corporation, association, organization, or agency.

(n) Plan of operation means detailed procedures, covering a period not to exceed 12 months, proposed for executing an exploration plan.

(o) Processed, analyzed and interpreted data or information means any data or information which results from any subsequent modification, processing, analysis, or interpretation of raw data and information by human or electronic means, on or off the refuge.

(p) Raw data and information means all original observations and recordings in written or electronic form and samples obtained during field operations.

(q) Refuge means the Arctic National Wildlife Refuge.

(r) Regional Director means the Regional Director, Region 7 of the U.S. Fish and Wildlife Service, or his authorized representative.

(s) Rehabilitation means the act of returning the landform and vegetation to as near its original shape and condition as practicable, as determined by the Regional Director.

(t) Secretary means the Secretary of the Interior or his authorized representative.

(u) Service means the U.S. Fish and Wildlife Service.
§ 37.3 Other applicable laws.

(a) Nothing in this part shall be construed to relieve a permittee or any person from complying with any applicable federal laws or any applicable state and local laws, the requirements of which are not inconsistent with this part.

(b) Until the litigation between the United States and the State of Alaska over title to the submerged lands of the coastal lagoons, “United States v. Alaska”, Sup. Ct., No. 84, Orig. (1979), is resolved, the permittee shall satisfy both federal and state requirements for conducting oil and gas exploration in the coastal lagoons. In the event of an inconsistency between such requirements the permittee shall satisfy that requirement which provides the greatest environmental protection.

§ 37.4 Disclaimer and disqualification.

(a) Authorization granted under this part to conduct exploratory activities shall not confer a right to any discovered oil, gas, or other mineral in any manner.

(b) Any person who obtains access pursuant to § 37.54 to data and information obtained as a result of carrying out exploratory activities shall be disqualified from obtaining or participating in any lease of the oil and gas to which such data and information pertain. Any person who obtains access to data and information obtained as a result of carrying out exploratory activities from any person other than the permittee who obtained such data and information shall be disqualified from obtaining or participating in any lease of the oil and gas to which such data and information pertain.

Subpart B—General Requirements

§ 37.11 General standards for exploratory activities.

(a) No exploratory activities shall be conducted without a special use permit. Requirements and procedures for obtaining a special use permit are prescribed in §§ 37.21 through 37.23.

(b) Exploratory activities shall be conducted so that they do not:

1. Significantly adversely affect the refuge's wildlife, its habitat, or the environment;

2. Unnecessarily duplicate exploratory activities of the permittee or another permittee; and

3. Unreasonably or significantly interfere with another permittee's activities.

(c) Reexamination of an area may be permitted by the Regional Director if necessary to correct data deficiencies or to refine or improve data or information already gathered.

(d) Drilling of exploratory wells is prohibited.

§ 37.12 Responsibilities of permittee.

(a) The permittee shall comply and shall be responsible for the compliance of its officials, employees, contractors, subcontractors and agents with the regulations of this part, the terms and conditions of its special use permit, the provisions of its approved exploration plan and plan or operation, and all reasonable stipulations, demands and orders issued by the Regional Director. All actions by the permittee inconsistent with this part are prohibited.

(b) The permittee shall designate a general representative who shall be the
person primarily accountable for managing the permittee's authorized activities, and a field representative who shall be the person primarily accountable for supervising the permittee's field operations, and their alternates. The Regional Director shall be informed of the names, addresses, and telephone numbers of the persons designated pursuant to this paragraph and of the procedures for contacting them on a 24-hour basis, including the radio frequency for field operations, at the time the permittee submits its first plan of operation pursuant to §37.24. The permittee shall notify the Regional Director promptly of any changes in such personnel or the procedures for contacting them.

(c) Field operations shall be conducted by the permittee or a designee approved by the Regional Director. Assignment of a designee shall be in a manner and form acceptable to the Regional Director. The Regional Director shall approve or disapprove a permittee's designee within 30 days following the receipt of such information as the Regional Director may require from the permittee and designee in order to reach his decision. Acceptance of a designee to act for the permittee in matters relating to the conduct of exploratory activities does not relieve the permittee of responsibility for compliance with applicable laws, its special use permit, exploration plan, plan of operation, and all reasonable stipulations, demands and orders of the Regional Director. The designee will be considered the agent of the permittee and will be responsible for complying fully with the obligations of the permittee. The serving of stipulations, demands, orders, and notices on the permittee's designee, when delivered personally or by radio or mail, will be deemed to be service upon the permittee. The permittee shall notify the Regional Director in writing when assignment of a designee has been cancelled. A designee cannot reassign its designation to another party. The permittee or designee shall notify the Regional Director 10 working days in advance of its intention to commence field operations for each season that it conducts exploratory activities.

(d) The permittee shall submit to the Regional Director 30 days prior to the commencement of field operations for each year covered by its exploration plan an updated list of the names and addresses of all persons participating in the exploratory activities covered thereby or sharing in the data and information resulting therefrom through a cost-sharing or any other arrangement.

(e) The permittee shall perform operations and maintain equipment in a safe and workmanlike manner. The permittee shall take all reasonable precautions necessary to provide adequate protection for the health and safety of life and the protection of property and to comply with any health and safety requirements prescribed by the Regional Director.

§ 37.13 Group participation.

(a) To avoid unnecessary duplication of exploratory activities, the permittee shall, if ordered by the Regional Director, afford all interested persons, through a signed agreement, an opportunity to participate in its exploratory activities. Within 60 days following such order, the permittee shall provide evidence satisfactory to the Regional Director of its compliance therewith. The permittee shall provide the Regional Director with the names and addresses of all additional participants, as they join.

(b) If, with the approval of the Regional Director, the permittee at any time changes any provisions of its approved exploration plan relating to areal extent, intensity of exploratory activities, or logistical support, and the Regional Director determines such changes to be significant, the Regional Director may require the permittee to afford all interested persons another opportunity to participate in the permitted exploratory activities in accordance with paragraph (a) of this section.

(c) The requirements of this section do not preclude the permittee from initiating field operations as authorized under its special use permit.

(d) All participants shall be bound by the regulations of this part, the permittee's special use permit, approved exploration plan and plan of operation.
§ 37.14 Bonding.

(a) Before the issuance of its special use permit, any applicant whose exploitation plan has been approved under § 37.22 shall furnish to the Service a surety bond of not less than $100,000, or other security satisfactory to the Service, to secure performance of its exploration plan and plan(s) of operation and compliance with the permit and this part. Such surety bond shall be issued by qualified surety companies approved by the Department of the Treasury (see Department of the Treasury Circular No. 570). Such bond shall be maintained by the permittee for the benefit of the Service until the Regional Director notifies the permittee in writing that all terms and conditions of its exploration plan, special use permit, plan of operation, and this part have been met or otherwise consents to its cancellation or termination. Any bond furnished or maintained by a person under this section shall be on a form approved or prescribed by the Regional Director. The Regional Director may require an increase in the amount of any bond or other security to be furnished and any outstanding bond or security or require a new bond or security whenever additional coverage is needed to secure performance of its exploration plan and plan(s) of operation and compliance with the permit and this part or is needed as a consequence of default.

(b) Whenever a permittee's exploration plan, plan of operation, or special use permit is revised or modified, the permittee shall provide to the Regional Director within 30 days thereafter an acknowledgement by the surety that its bond continues to apply to the exploration plan, plan of operation or special use permit, as revised or modified, unless a waiver of notice to the surety is contained in the bond or the surety is not otherwise released by the revision or modification, or unless the permittee provides to the Service an increased or additional bond.

(c) Recovery of the amount specified in the permittee's bond or other security shall not preclude the Department from seeking specific performance by the permittee of any obligations not satisfied by enforcement of the bond or security, or compensation for any damages, losses or costs due to the permittee's activities which exceed the amount recovered, by pursuing the Department's legal remedies.

Subpart C—Exploration Plans

§ 37.21 Application requirements.

(a) Prior to submitting an exploration plan, applicants may meet with the Regional Director to discuss their proposed plans and exploratory activities and the requirements of this part.

(b) Any person wanting to conduct exploratory activities may apply for a special use permit by submitting for approval one or more written exploration plans, in triplicate, to the Regional Director, Region 7, U.S. Fish and Wildlife Service, 1011 East Tudor Road, Anchorage, Alaska 99503. To be considered, exploration plans covering the period from the inception of the program through May 31, 1986, or any portions thereof, must be received by the Regional Director during normal business hours on May 20, 1983; exploration plans covering exploratory activities other than seismic exploration for the period from June 1, 1984, through May 31, 1986, or any portions thereof, must be received by the Regional Director during normal business hours on April 2, 1984; and exploration plans covering, but not limited to, seismic exploration for the period from October 1, 1984, through May 31, 1986, or any portions thereof, must be received by the Regional Director during normal business hours on June 4, 1984.

(c) In addition to containing the information required in paragraph (d) of this section, any exploration plan submitted shall describe the applicant's plan for carrying out an integrated program of exploratory activities in such a manner as will satisfy the objectives and limitations stated in § 37.1. If an applicant submits an exploration plan on May 20, 1983 with the intention of submitting another exploration plan on March 1, 1984, the applicant shall describe in its initial plan how its future exploratory activities will be integrated with those proposed under its plan.
§ 37.22 Approval of exploration plan.

(a) An exploration plan shall be approved by the Regional Director if he determines that it satisfies the requirements of §37.21 (c) and (d) and is otherwise consistent with the Act and the regulations of this part. In order to

initial plan. Any applicant submitting an exploration plan on May 20, 1983 which incorporates preliminary field investigations and/or surface geological exploration proposed to commence before August 1, 1983 may submit a written request to the Regional Director for an expedited review and approval of that portion of the exploration plan covering such preliminary investigations and/or exploration. Each exploration plan submitted must be published and be the subject of a public hearing in accordance with requirements of §37.22(b).

(d) An exploration plan shall set forth in general terms such information as is required by this part and by the Regional Director in determining whether the plan is consistent with this part, including, but not limited to:

(1) The name and address of any person who will conduct the proposed exploratory activities, i.e., the applicant/permittee, and, if that person is an agency, firm, corporation, organization, or association, the names and addresses of the responsible officials, or, if a partnership, the names and addresses of all partners;

(2) The names and addresses of all persons planning at the time of plan submittal to participate in the proposed exploratory activities or share in the data and information resulting therefrom through a cost-sharing or any other arrangement;

(3) Evidence of the applicant’s technical and financial ability to conduct integrated and well designed exploratory activities in an arctic or subarctic environment and of the applicant’s responsibility in complying with any exploration permits previously held by it;

(4) A map at a scale of 1:250,000 of the geographic areas in which exploratory activities are proposed and of the approximate locations of the applicant’s proposed geophysical survey lines, travel routes to and within the refuge, fuel caches, and major support facilities;

(5) A general description of the type of exploratory activities planned, including alternate exploratory methods and techniques if proposed, and the manner and sequence in which such activities will be conducted;

(6) A description of how various exploratory methods and techniques will be utilized in an integrated fashion to avoid unnecessary duplication of the applicant’s own work;

(7) A schedule for the exploratory activities proposed, including the approximate dates on which the various types of exploratory activities are proposed to be commenced and completed;

(8) A description of the applicant’s proposed communication techniques;

(9) A description of the equipment, support facilities, methods of access and personnel that will be used in carrying out exploratory activities;

(10) A hazardous substances control and contingency plan describing actions to be taken to use, store, control, clean up, and dispose of these materials in the event of a spill or accident;

(11) A general description of the anticipated impacts that the proposed exploratory activities may have on the refuge’s wildlife, its habitat, the environment, subsistence uses and needs, and cultural resources, and a description of mitigating measures which will be implemented to minimize or avoid such impacts;

(12) A description of the proposed procedures for monitoring the environmental impacts of its operation and its compliance with all regulatory and permit requirements;

(13) A statement that, if authorized to conduct exploratory activities, the applicant shall comply with this part, its special use permit, its approved exploration plan, plan of operation, and all reasonable stipulations, demands and orders issued by the Regional Director;

(14) A description of the applicant’s proposed data quality assurance and control program; and

(15) Such other pertinent information as the Regional Director may reasonably require.

§ 37.22 Approval of exploration plan.

(a) An exploration plan shall be approved by the Regional Director if he determines that it satisfies the requirements of §37.21 (c) and (d) and is otherwise consistent with the Act and the regulations of this part. In order to
§ 37.22 50 CFR Ch. I (10-1-98 Edition)

meet the objective and limitations stated in §37.1, enforce the standards stated in §37.11(b), or minimize adverse impacts on subsistence uses, the Regional Director may approve or disapprove any exploration plan in whole or in part or may require, as a condition of approval, an applicant to conduct its exploratory activities in an assigned area or jointly with other applicants or to make such modification in its exploration plan as he considers necessary and appropriate to make it consistent with this part. No plan shall be approved if the applicant submitting it does not demonstrate to the reasonable satisfaction of the Regional Director its adequate technical and financial ability to conduct integrated and well designed exploratory activities in an arctic or subarctic environment, and a history of responsible compliance with any exploration permits that it or its responsible officials or partners may have previously held.

(b) Upon receipt of an exploration plan submitted in accordance with §37.21(b), the Regional Director shall promptly publish notice of the application and text of the plan in the Federal Register and newspapers of general circulation in the State of Alaska. The Regional Director shall determine within 90 days after the plan is submitted whether the plan is consistent with this part. The Regional Director may extend this 90-day period for up to 30 additional days upon written notice to the applicant. Before making his determination, the Regional Director shall hold at least one public hearing in the State for the purpose of receiving public comments on the plan and may confer with the applicant whenever he deems it necessary. The Regional Director shall give the applicant written notice of his determination.

(c) Whenever the Regional Director disapproves an exploration plan in whole or in part, he shall notify the applicant in writing of the reasons for his disapproval. The applicant may request the Director to consider that which was disapproved by the Regional Director by filing a written request with the Director, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240, within 30 days from the date of disapproval. Such a request shall not operate to stay the Regional Director’s disapproval. The request shall:

1. State fully the basis for the applicant’s disagreement with the Regional Director’s determination;
2. Include any statement or documentation, in addition to that already submitted by the applicant with its application, which demonstrates that the applicant’s exploration plan is consistent with this part; and
3. Indicate whether or not the applicant requests an informal hearing before the Director.

The Director shall provide an informal hearing if requested by the applicant. Within 30 days of the receipt of the applicant’s request for reconsideration or of the applicant’s hearing, if any, whichever is later, the Director shall affirm, reverse, or modify the Regional Director’s determination. Written notice of the Director’s decision and the reasons therefor shall be provided promptly to the applicant. The Director’s decision shall constitute the final administrative decision of the Secretary in the matter. Nothing in this part shall be construed to deprive the Secretary or the Assistant Secretary for Fish and Wildlife and Parks of the authority to take jurisdiction at any stage of any appeal or request for reconsideration and render the final decision in the matter after holding any informal hearing that may be required, to review any decision of the Regional Director or Director, or to direct the Regional Director or Director to reconsider a decision.

(d) The Regional Director, as a condition of approval of any exploration plan under this section, shall:

1. Require that all data and information (including processed, analyzed and interpreted information) obtained as a result of carrying out the plan shall be submitted to the Regional Director, as provided in §37.53;
2. Make such data and information available to the public, except that any processed, analyzed and interpreted data or information shall be held confidential by the Department for a period of not less than 10 years following the submission of such data or information to the Regional Director or 2
years following any lease sale including the area within the refuge from which the information was obtained, whichever period is longer, as provided in § 37.54; and

(3) Require that all raw data and information obtained as a result of carrying out the plan shall be made available by the permittee to any person at fair cost.

(e) In the course of evaluating an exploration plan, the Regional Director shall also evaluate the effect of the proposed exploratory activities on subsistence uses and needs, the availability for exploration of alternate areas within the coastal plain, and alternatives to the proposed activities which would reduce or eliminate the use of areas within the coastal plain needed for subsistence purposes. If the Regional Director finds that the exploration plan, if approved, would significantly restrict subsistence uses, he shall satisfy the requirement to hold a hearing on this issue by incorporating it in any hearing held pursuant to paragraph (b) of this section and shall otherwise satisfy the procedural requirements of section 810(a) of the Alaska National Interest Lands Conservation Act, 94 Stat. 2427, 16 U.S.C. 3120, before approving the plan.

§ 37.23 Special use permit.

(a) Within 45 days, or sooner if practicable, of approving an exploration plan, or portion thereof, the Regional Director shall, unless prohibited by law, issue a special use permit to authorize the permittee to proceed with those exploratory activities described and approved in its exploration plan, or portion thereof, provided that the requirements of § 37.14(a) have been satisfied. The special use permit may contain such terms and conditions and may be amended from time to time as the Regional Director deems necessary and appropriate to carry out the Act and this part.

(b) Before issuing a special use permit to authorize exploration of lands within the coastal plain allotted pursuant to the Act of May 17, 1906, 34 Stat. 197, as amended by the Act of August 2, 1956, 70 Stat. 994, or on lands within the coastal plain the surface estate in which has been selected by or conveyed to the Kaktovik Inupiat Corporation pursuant to Sections 12 and 14 of the Alaska Native Claims Settlement Act, 85 Stat. 701 and 702, 43 U.S.C. 1611 and 1613, the Regional Director shall seek the views of the holder of such approved native allotment or the Corporation for the purpose of developing permit conditions designed to mitigate the effects of such exploration on its interests.

§ 37.24 Plan of operation.

Each approved exploration plan shall be supplemented by a written plan of operation for each fiscal year, or portions thereof, covered by the exploration plan. Each plan of operation shall specify the field operations for implementing that exploration plan during the year, or portions thereof, covered by the plan of operation. Each plan of operation shall be submitted to the Regional Director at least 30 days before field operations are to be commenced thereunder. A plan of operation shall set forth such specific information as is required by the Regional Director in determining whether the plan is consistent with the exploration plan to which it pertains and with this part. The permittee shall make such modifications in its plan of operation as are deemed at any time by the Regional Director to be necessary and appropriate to ensure such consistency. Reconsideration of the Regional Director's actions under this section may be obtained by employing the procedures described in § 37.22(c).

§ 37.25 Revision.

(a) A permittee may request the Regional Director for permission to revise its approved exploration plan. Until the Regional Director grants the permittee's request, no revision of its exploration plan shall be implemented. Such request shall be deemed to be granted on the 10th working day following its receipt unless the Regional Director denies the request; advises the permittee that the proposed revision is
§ 37.31 Environmental protection.

(a) The permittee shall conduct operations in a manner which avoids significant adverse effects on the refuge’s wildlife, its habitat, and environment. The Regional Director may impose stipulations to supplement the permittee’s special use permit and issue other orders as needed to ensure that the permittee’s activities are conducted in a manner consistent with this part. If, after 30 days, or in emergencies such shorter periods as shall not be unreasonable, following a demand by the Regional Director, the permittee fail or refuse to perform any action required by this part, its exploration plan, plan of operation, special use permit, or a stipulation or order of the Refuge Manager, the department shall have the right, but not the obligation, to perform any or all such actions at the sole expense of the permittee. Prior to making such demand, the Regional Director shall confer with the permittee, if practicable to do so, regarding the required action or actions included in the demand. Reconsideration of the Regional Director’s demands under this section may be obtained by employing the procedures described in §37.22(c). A request for reconsideration shall not operate to stay the Regional Director’s demands or the Department’s performance pursuant to this section unless such stay is granted in writing by the Director.

(b) Terrestrial environment. (1) Vehicles shall be operated in a manner such that the vegetative mat or soil is not significantly damaged or displaced. Blading of snow on trails or campsites shall be limited so as to maintain an adequate protective cover.

(2) Ground vehicles shall be of the type causing the least practicable harm to the surface, such as Nodwell FN–110 or FN–60 or Bombardier track vehicles, mobile camps on flexible tracks or skids, vibrator units on flexible tracks or wheels, D–7 Caterpillar tractors, or their equivalent. They shall be operated only in the winter and where there is adequate protective cover. Operation of ground vehicles in the summer is prohibited.

(3) Movement of equipment through riparian willow stands shall be avoided, except when approved by the Regional Director.

(4) Above ground explosive charges shall be utilized in a manner to minimize damage to the vegetative mat.

(5) Campsites may be located on lakes which are frozen throughout, including bottom sediments, on durable ground, and on lagoons which are frozen to sufficient depth to ensure safety of personnel, but shall not be located
on river ice. Durable ground can include gravel or sand bars or vegetated ground with adequate protective cover.

(6) Campsites and trails shall be kept clean of waste.

(7) Gray water may be discharged to the surface provided it is filtered, disinfected, and not discharged directly into lakes and rivers.

(8) The permittee shall take all precautionary measures necessary to prevent and suppress man-caused tundra fires and shall notify the Regional Director of the occurrence of any tundra fires immediately or as soon as communication can be established.

(9) Rehabilitation of disturbed surface areas shall be accomplished by the permittee in accordance with schedules and a plan required and approved by the Regional Director. Revegetation shall be accomplished exclusively with endemic species.

(10) The permittee shall not harass wildlife in any manner, including, but not limited to, close approach by surface vehicles or aircraft. Aircraft should maintain an altitude of at least 1500 feet above ground level whenever practicable.

(11) No explosives shall be detonated within ½ miles of any known denning brown or polar bear or any muskoxen or caribou herd.

(12) The permittee shall operate in such a manner as not to impede or restrict the free passage and movement of large mammals, including caribou, muskoxen, moose, polar bear, and brown bear.

(13) Feeding of wildlife is prohibited. This includes the leaving of garbage or edibles in a place which would attract wildlife. Garbage shall be kept in covered, animal-proof containers while awaiting incineration.

(14) Hunting, fishing, and trapping by the permittee within the refuge are prohibited during the conduct of exploratory activities. Employing firearms in defense of life and property is allowed.

(c) Aquatic environment. (1) The permittee shall not significantly alter the banks of streams, rivers, or lakes while conducting exploratory activities. Crossings of stream, river, or lake banks shall utilize a low angle approach or, if appropriate, snow bridges.

If snow bridges are utilized for bank protection they shall be free of dirt and debris and shall be removed after use or prior to breakup each year, whichever occurs first.

(2) No water shall be removed from any subsurface source. Removal of water or snow cover from or compaction of snow cover on streams, rivers or lakes identified by the Regional Director as inhabited by fish shall be prohibited during the winter.

(3) To protect fish and other aquatic fauna, high explosives shall not be detonated within, beneath, on or in close proximity to fish-bearing waters unless prior drilling indicates that the water body, including its substrate, is solidly frozen. The minimum acceptable offset from fishing-bearing waters for various size charges is:

- 1 pound charge—50 feet
- 2 pound charge—75 feet
- 5 pound charge—125 feet
- 10 pound charge—150 feet
- 25 pound charge—250 feet
- 100 pound charge—500 feet

Use of a charge in excess of 100 pounds shall be approved by the Regional Director and shall be in a manner prescribed or approved by him.

(4) All operations shall be conducted in a manner that will not impede the passage of fish, disrupt fish spawning, overwintering or nursery areas identified by the Regional Director or block or change the character or course of, or cause significant siltation or pollution of any stream, river, pond, pothole, lake, lagoon, or drainage system.

(5) Ground vehicles shall not cross active spring areas.

(d) Cultural resources. (1) Prior to implementing any plan of operation, the permittee shall obtain from the Regional Director copies of the cultural resource reconnaissance reports, maps and other available documents which identify all known cultural resource sites and areas of predicted high probability of containing cultural resources. The Regional Director may reasonably restrict or prohibit exploratory activities in these areas and, in accordance with 36 CFR part 800, thereby mitigate, minimize or avoid any adverse effects thereon.
(2) Unless otherwise specified by the Regional Director, the following prohibitions shall be in effect:

(i) No vehicle of any type shall pass over or through a known cultural resource site with standing structures; and

(ii) No seismic train shall camp on a known cultural resource site.

(3) If any exploratory activities require entry into areas known to contain historic or archeological resources, high probability areas, or areas previously unsurveyed for cultural resources, prior to the initiation of such activities, the permittee shall, if ordered by the Regional Director, locate, identify and evaluate properties eligible for listing on the National Register of Historic Places, recover for the Department historic and archeological data contained in such properties, and take other measures, as directed by the Regional Director, designed to mitigate, minimize or avoid to the extent practicable any significant adverse effects on them. Such efforts shall be done in a manner prescribed or approved by the Regional Director in accordance with a programmatic memorandum of agreement among the Service, the State Historic Preservation Officer and the Advisory Council on Historic Preservation, and without expense or liability to the Department.

(e) General. (1) All spills or leakages of any hazardous substances, fires, fatalities, and any other conditions which threaten the refuge's resources, the environment, or human safety, shall be reported by the permittee to the Regional Director immediately or as soon as communication can be established. Other notifications shall be made by the permittee as required by applicable laws.

(2) All combustible solid waste shall be incinerated or returned to the permittee's base of operations for disposal in accordance with applicable federal, state and local standards. All non-combustible solid waste, including, but not limited to, fuel drums and shot wire, shall be returned to the permittee's base of operations for disposal in accordance with applicable federal, state and local standards.

(3) No discharge of petroleum, petroleum products, or toxic materials shall be made within the refuge. All hazardous substances utilized and/or generated in conducting exploratory activities shall be contained, controlled, and cleaned up in accordance with the permittee's approved hazardous substances control and contingency plan. Such measures shall take precedence over all other matters except human safety.

(4) Unless exigencies warrant, in any field operations employing surface geological exploration, the equipment, facilities, and personnel used within the coastal plain shall not exceed that necessary to support a maximum of 6 simultaneously operating surface geological survey crews, and in any field operations employing seismic exploration methods, the equipment, facilities, and personnel used within the coastal plain shall not exceed that necessary to support a maximum of 6 simultaneously operating seismic survey crews.

(5) No fuel storage facilities shall be placed within the annual floodplain of fish-bearing watercourses or within 100 feet of any other water body, and no vehicle refueling shall occur within such areas except when approved by the Regional Director. All fuel storage sites shall be approved by the Regional Director. Fuel containers shall be properly stored and marked with the permittee's name, type of fuel, and last date of filling. All fuel containers, including those emptied, shall be capped when not in actual use. All fuel containers placed within the annual floodplain of fish-bearing watercourses shall be removed prior to breakup.

(6) The permittee shall not disturb or damage any geodetic land survey monuments. If any monument is disturbed or damaged, the permittee shall reestablish it in a manner acceptable to the Regional Director.

(7) The timing and location of the detonation of explosives shall be approved in advance by the Regional Director.

(8) No permanent structures or facilities will be erected within the coastal
The type and location of temporary structures and facilities including, but not limited to, ice airstrips, for use in support of exploratory activities must be approved by the Regional Director.

§ 37.32 Special areas.

(a) Caribou calving and post-calving special areas. The Regional Director shall designate within the coastal plain specific caribou calving and post-calving special areas which shall be closed to all exploratory activities for such periods between May 10 and July 15 of each year as those areas are determined by the Regional Director to be used for caribou calving and post-calving or both so as to ensure that exploratory activities do not significantly adversely affect calving and post-calving caribou. No exploratory activities shall be conducted in such designated areas during such periods.

(b) Muskoxen calving special areas. Whenever he deems it necessary or appropriate to ensure that exploratory activities do not significantly adversely affect calving muskoxen, the Regional Director shall designate within the following areas specific areas which shall be closed to all exploratory activities for such periods between April 15 and June 5 of each year as those areas are determined by the Regional Director to be used for muskoxen calving. No exploratory activities shall be conducted in such designated areas during such periods.

1. One generally encompassing the Tamayariak uplands bordered on the east by the Tamayariak River, on the northwest by the Canning River, on the east by a north-south line intersecting the benchmark “Can”, and on the south by an east-west line also intersecting the benchmark “Can”.

2. One generally encompassing the Carter Creek uplands, bordered on the east by the Sadlerochit River, on the north by the mainland coastline, on the west by Carter Creek, and on the south by an east-west line approximately six miles inland from the coastline.

3. One generally encompassing the Niguanak hills, bordered on the east by the Angun River, on the north by the mainland coastline, on the west by a line parallel to and two miles west of the Niguanak River, crossing portions of the Okerokovik River, and extending south to the southern boundary of the coastal plain, and on the south by the southern boundary of the coastal plain.

(c) Brown bear and polar bear denning special areas. Whenever he deems it necessary or appropriate to ensure that exploratory activities do not significantly adversely affect denning bears, the Regional Director shall designate within the coastal plain brown bear and polar bear denning sites within ½ mile of which all exploratory activities shall be prohibited for such periods between October 1 of one year and April 30 of the following year as are prescribed by the Regional Director.

(d) Snow goose staging special areas. Whenever he deems it necessary or appropriate to ensure that exploratory activities do not significantly adversely affect staging snow geese, the Regional Director shall designate within the general area bordered on the east by the Aichilik River, on the north by the mainland coastline, on the west by the Hulahula River, and on the south by the southern boundary of the coastal plain, specific snow goose staging special areas which shall be closed to all exploratory activities during such periods between August 20 and September 10 of each year as those areas are determined by the Regional Director to be used for snow goose staging. No exploratory activities shall be conducted in such designated areas during such periods.

(e) In addition, the Regional Director may designate specific areas within the coastal plain that are important for other wildlife or that encompass lands the surface estate in which is owned by holders of approved native allotments or the Kaktovik Inupiat Corporation as special areas in which exploratory activities may be prohibited, conditioned or otherwise restricted in such manner and for such period as prescribed by the Regional Director to avoid significant adverse effects from exploratory activities.
§ 37.33 Environmental briefing.

The permittee shall provide opportunities for the Regional Director to conduct environmental and other pertinent briefings for all of its personnel involved in field operations prior to commencement of field work and periodically thereafter as the Regional Director may determine. The permittee shall require the attendance of its personnel and arrange the time and place for such briefings upon the request of the Regional Director. In addition, the permittee shall provide a copy of this part to each employee involved with its exploratory activities.

§ 37.34 Suspension and modification.

If at any time while exploratory activities are being carried out under an approved exploration plan and special use permit, the Regional Director, on the basis of information available to him, determines that continuation of further activities under the plan or permit will significantly adversely affect the refuge’s wildlife, its habitat, or the environment, or significantly restrict subsistence uses, or that the permittee has failed to comply with its approved exploration plan, plan of operation, special use permit, any reasonable stipulation, demand or order of the Regional Director, or any regulation of this part, the Regional Director may, without any expense or liability to the Department, suspend activities

§ 37.35 Inspection and monitoring.

The Regional Director may designate field representatives, hereinafter known as Field Monitors, to monitor the exploratory activities in the field. A Field Monitor may exercise such authority of the Regional Director as is provided by delegation, except that a Field Monitor may not revoke a permittee’s special use permit, and provided that any order issued by a Field Monitor which suspends all of a permittee’s field activities shall, except in emergencies, require the concurrence of the Regional Director. The Regional Director shall have a continuing right of access to any part of the exploratory activities at any time for inspection or monitoring and for any other purpose that is consistent with this part. A permittee, upon request by the Regional Director, shall furnish lodging, food, and reasonable use of its communication and surface and air transportation systems, to the Field Monitors and other representatives of the United States for the purposes of inspecting and monitoring the permittee’s exploratory activities in the field and for any other purpose consistent with this part. Whenever possible, the Regional Director shall give advance notice of the need for such services and facilities, including the names of persons to be accommodated.
§ 37.46 Cost reimbursement.

(a) Each applicant for or holder of a special use permit issued under this part shall reimburse the Department for its actual costs incurred, including, but not limited to, its direct costs and indirect costs as established by the indirect cost rate of the charging bureau or office, in publishing, reviewing (which includes, but is not limited to, conducting any public hearings thereon), modifying, and approving or disapproving the applicant's or permittee's exploration plan(s); reviewing evidence of the permittee's compliance with any order given by the Regional Director under § 37.13; preparing and

§ 37.44 Revocation and relinquishment.

For nonuse, for failure to comply with §37.14, or for any action of the permittee not consistent with this part, the Regional Director may revoke or a permittee may relinquish a special use permit to conduct exploratory activities at any time by sending to the other a written notice of revocation or relinquishment. Such notice shall state the reasons for the revocation or relinquishment and shall be sent by registered mail, return receipt requested, at least 30 days in advance of the date that the revocation or relinquishment will be effective. Revocation or relinquishment of a permit to conduct exploratory activities shall not relieve the permittee of the obligation to comply with all other obligations specified in this part and in its special use permit, approved exploration plan and plan of operation. Reconsideration of the Regional Director's actions under this section may be obtained by employing the procedures described in §37.22(c). A request for reconsideration shall not operate to stay the Regional Director actions unless such stay is granted in writing by the Director.

§ 37.45 Exploration by the U.S. Geological Survey.

Notwithstanding the requirement found in §37.21(b) on when exploration plans shall be submitted, the U.S. Geological Survey may at any time apply for a special use permit to conduct exploratory activities by submitting for approval one or more exploration plans in accordance with the requirements of this part and the Act. No plan submitted by the Survey will be approved unless (1) no other person has submitted a plan for the area involved which satisfies the regulations of this part and (2) the information which would be obtained from the Survey is needed to make an adequate report to Congress pursuant to the Act. Sections 37.13, 37.14, 37.22(d)(3), 37.46, 37.47, and 37.54(d) and the provisions of §§ 37.22(d)(2), 37.53(e), and 37.54 on processed, analyzed and interpreted data or information shall not apply to the Survey. If authorized to conduct exploratory activities, the Survey shall comply with this part in all other respects. All contractors and subcontractors used by the Survey to conduct exploratory activities shall be subject to all of the regulations of this part excepting §§ 37.13 and 37.46 and the provisions of §§ 37.22(d)(2), 37.53(e), and 37.54 on processed, analyzed and interpreted data or information.

§ 37.46 Cost reimbursement.

(a) Each applicant for or holder of a special use permit issued under this part shall reimburse the Department for its actual costs incurred, including, but not limited to, its direct costs and indirect costs as established by the indirect cost rate of the charging bureau or office, in publishing, reviewing (which includes, but is not limited to, conducting any public hearings thereon), modifying, and approving or disapproving the applicant's or permittee's exploration plan(s); reviewing evidence of the permittee's compliance with any order given by the Regional Director under §37.13; preparing and
§ 37.46

issuing the permittee's special use permit; reviewing and acting on the permittee's plan(s) of operation; inspecting, monitoring, and enforcing the permittee's compliance with its approved exploration plan(s), plan(s) or operation, special use permit and this part; performing the permittee's obligations pursuant to §37.31(a); and identifying, evaluating and preserving historic, archeological and cultural resources in areas to be explored by the permittee; as further delineated by the Regional Director.

(b) Each applicant shall submit with each exploration plan submitted a payment, the amount of which shall be an estimate made by the Regional Director of the costs which will be incurred by the Department in publishing, reviewing, modifying and approving or disapproving the applicant's exploration plan.

(1) If the applicant's plan is disapproved or if the applicant withdraws its application before a decision is reached on its plan, the applicant shall be responsible for such costs incurred by the Department in processing the applicant's application up to the date on which the plan is disapproved or the Regional Director receives written notice of the applicant's withdrawal, and for costs subsequently incurred by the Department in terminating the application review process. If the costs actually incurred exceed the estimate paid at the time of application, reimbursement by the applicant of such additional costs shall be due within 30 days of receiving notice from the Regional Director of the additional amount due. If the actual costs incurred are less than the estimate paid by the applicant, the excess shall be refunded to the applicant.

(2) If the applicant's plan is approved, the applicant shall make an initial advance payment covering that current fiscal year quarter and quarterly payments thereafter to cover the actual costs incurred by the Department in administering the permittee's permit for its duration. Such costs shall include, but are not limited to, those direct costs and indirect costs, as established by the indirect costs rate of the charging bureau or office, incurred in reviewing and acting on permittee's plan(s) of operation; reviewing evidence of the permittee's compliance with any order given by the Regional Director under §37.13; preparing and issuing the permittee's special use permit; inspecting, monitoring, and enforcing the permittee's compliance with its approved exploration plan, plan(s) of operation, special use permit and this part; performing the permittee's obligations pursuant to §37.31(a); and identifying, evaluating and preserving historic, archeological and cultural resources in areas to be explored by the permittee. Each quarterly payment will be paid at the outset of the quarter and will cover the estimated cost of that quarter as adjusted by the Regional Director by reason of any adjustment warranted by paragraph (b) of this section or by overpayments or underpayments in previous quarters for which adjustment has not already been
made. Upon termination of the permittee's special use permit, reimbursement or refundment of any outstanding amounts due the Department or the permittee shall be made within 180 days.

(d) Estimates required by this section shall be made by the Regional Director on the basis of the best available cost information. However, reimbursement shall not be limited to the Regional Director's estimate if actual costs exceed projected estimates.

(e) All payments required by this section shall be made payable to the Service. No applicant or permittee shall set off or otherwise deduct any debt due to or any sum claimed to be owed to it by the United States from any payment required by this section. Overpayments shall be credited or refunded to the person making them.

(f) When through partnership, joint venture or other business arrangement more than one person applies for or participates in a special use permit, each shall be jointly and severally liable for reimbursing the Department's cost under this section.

(g) Any lodging, food, communication, and transportation provided by a permittee under §37.42 shall be deemed to be costs paid to the Department in kind for services rendered in inspecting and monitoring the permittee's exploratory activities. At the end of each quarter, the permittee shall furnish the Regional Director with a report, in a format approved or prescribed by him, on the goods and services provided during that quarter, and the names of the individuals to whom they were provided.

(h) Any dispute between an applicant or permittee and the Regional Director as to costs actually incurred by the Department and charged to the applicant or permittee shall be finally decided for the Secretary by the Director, using the procedures described in §37.22(c).

§ 37.47 Civil penalties.

(a) This section prescribes the procedures for assessing a civil penalty for the violation of any provision of an approved exploration plan, any term or condition of the special use permit issued under §37.23, or any prohibition contained in this part. The civil penalty remedy afforded by this section is in addition to all other remedies available to the Secretary.

(b) Notice of violation. (1) The notice of violation shall be issued by the Solicitor and served personally or by registered mail upon the person named in the notice (hereinafter the respondent) or his authorized representative. The notice shall contain:

(i) A summary of the facts believed to show a violation by the respondent;

(ii) A specific reference to the provision, term, condition or prohibition allegedly violated; and

(iii) The amount of the penalty proposed to be assessed. The notice may also contain an initial proposal for compromise or settlement of the action.

(2) The notice of violation shall also advise respondent of his right to:

(i) Respond to the notice within 45 calendar days from the date of its issuance by: (A) Undertaking informal discussions with the Solicitor; (B) Accepting the proposed penalty or the compromise, if any, offered in the notice; or (C) Filing a petition for relief in accordance with paragraph (c) of this section; or

(ii) Take no action and await the Solicitor's notice of assessment. Such response must be received by the Solicitor on or before the 45th day during normal business hours at the address stated in the notice.

(3) Any notice of violation may be amended, but any nontechnical amendment will extend the running of the respondent's 45 day period for response from the date of the notice to the date of the amendment.

(4) Acceptance of the proposed penalty or the compromise, if any, stated in the notice of violation shall be deemed to be a waiver of the notice of assessment required in paragraph (d) of this section and of the respondent's right to an opportunity for a hearing described in paragraph (e) of this section.

(c) Petition for relief. If the respondent chooses, he may ask that no penalty be assessed or that the amount be reduced and he may admit or contest the legal sufficiency of the Solicitor's charges.
and allegations of facts, by filing a petition for relief at the address specified in the notice within 45 calendar days from the date thereof. Such petition must be received by the Solicitor on or before the 45th day during normal business hours. The petition shall be in writing and signed by the respondent. If the respondent is a corporation, partnership, association or agency, the petition must be signed by an officer or official authorized to sign such document. It must set forth in full the legal or other reasons for the relief requested.

(d) Notice of assessment. (1) After 45 calendar days from the date of the notice of violation or any amendment thereof, the Solicitor may proceed to determine whether the respondent committed the violation alleged and to determine the amount of civil penalty to be assessed, taking into consideration the information available and such showing as may have been made by the respondent. The Solicitor shall notify the respondent of his determinations by a written notice of assessment, which shall also set forth the basis for his determinations. The notice of assessment shall be served on the respondent personally or by registered mail.

(2) The notice of assessment shall also advise the respondent of his right to request a hearing on the matter in accordance with paragraph (e) of this section.

(e) Request for a hearing. Within 45 calendar days from the date of the issuance of the notice of assessment, the respondent may request a hearing to be conducted on the matter in accordance with 5 U.S.C. 554 through 557 by filing a dated, written request for hearing with the Hearings Division, Office of Hearings and Appeals, Department of the Interior, 4015 Wilson Blvd., Arlington, Virginia 22203. Such request must be received at this address on or before the 45th day during normal business hours. The respondent shall state the respondent’s preference as to the place and date for a hearing. The request must enclose a copy of the notice of violation and the notice of assessment. A copy of the request shall be served upon the Solicitor personally or by mail at the address specified in the notice of assessment.

(f) Finality of decision. If no request for a hearing is filed in accordance with this section, the assessment stated in the notice of assessment shall be effective and constitute the final administrative decision of the Secretary on the 45th calendar day from the date of the notice of assessment. If the request for hearing is timely filed in accordance with this section, the date of the final administrative decision in the matter shall be as provided in paragraph (g) or (h) of this section. When a civil penalty assessed under this section becomes final, the respondent shall have 20 calendar days from the date of the final administrative decision within which to make full payment of the penalty assessed. Payment will be timely only if received in the Office of the Solicitor during normal business hours on or before the 20th day.

(g) Hearing. (1) Upon receipt of a request for a hearing, the Hearings Division will assign an administrative law judge who shall have all the powers accorded by law and necessary to preside over the parties and the hearing and to make decisions in accordance with 5 U.S.C. 554 through 557. Notice of such assignment shall be given promptly to the respondent and to the Solicitor at the address stated in the notice of assessment. Upon notice of the assignment of an administrative law judge to the case, the Solicitor shall file all correspondence and petitions exchanged between the Solicitor and the respondent which shall become a part of the hearing record.

(2) The hearing shall be conducted in accordance with 5 U.S.C. 554 through 557 and with 43 CFR part 4 to the extent that it is not inconsistent with this part. Subject to 43 CFR 1.3, the respondent may appear in person, by representative, or by counsel. The hearing shall be held in a location established by the administrative law judge, giving due regard to the convenience of the parties, their representatives and witnesses. Failure to appear at the time set for hearing shall be deemed a waiver of the right to a hearing and consent to the decision on the record made at the hearing. The judge shall render a
written decision on the record, which shall set forth his findings of facts and conclusions of law and the reasons therefore, and an assessment of a civil penalty if he determines that the respondent committed the violation charged.

(3) Discovery shall be obtained by employing the procedures described 43 CFR 4.1130 through 4.1141. In addition, discovery of facts known and opinions held by experts, otherwise discoverable under 43 CFR 4.1132(a) and acquired and developed in anticipation of administrative adjudication or litigation, may be obtained only as follows:

(i)(A) A party through interrogatories require any other party to identify each person whom the other party expects to call as an expert witness, to state the subject matter on which the expert is expected to testify, and to state the substance of the facts and opinions to which the expert is expected to testify and a summary of the grounds for each opinion.

(B) Upon motion, the administrative law judge may order further discovery by other means, subject to such restrictions as to scope and such provisions under paragraph (g)(3)(iii) of this section concerning fees and expenses, as the administrative law judge may deem appropriate.

(ii) A party may discover facts known or opinions held by an expert, who has been retained or employed by another party in anticipation of administrative adjudication or litigation or preparation therefore and who is not expected to be called as a witness, only upon a showing of exceptional circumstances under which it is impracticable for the party seeking discovery to obtain facts or opinions on the same subject by other means.

(iii) Unless manifest injustice would result, (A) the administrative law judge shall require the party seeking discovery to pay the expert, or the Department if the expert is an employee of the United States, a reasonable fee for time spent in responding to paragraphs (g)(3)(ii)(B) and (g)(3)(ii) of this section; and (B) with respect to discovery under paragraph (g)(3)(i)(B) of this section the administrative law judge may require and with respect to discovery under paragraph (g)(3)(ii) of this section the administrative law judge shall require, the party seeking discovery to pay the other party a fair portion of the fees and expenses reasonably incurred by the latter party in obtaining facts and opinions from the expert.

(4) Unless the notice of appeal is filed in accordance with paragraph (h) of this section, the administrative law judge's decision shall constitute the final administrative decision of the Secretary in the matter and shall become effective 30 calendar days from the date of the administrative law judge's decision. Such notice shall be accompanied by proof of service on the administrative law judge and the opposing party.

(h) Appeal. Either the respondent or the Solicitor may seek an appeal from the decision of an administrative law judge as to the respondent's violation or penalty or both by the filing of a notice of appeal with the Director, Office of Hearings and Appeals, United States Department of the Interior, 4015 Wilson Boulevard, Arlington, Virginia 22203, within 30 calendar days of the date of the administrative law judge's decision. Such notice shall be accompanied by proof of service on the administrative law judge and the opposing party.

(1) Upon receipt of such a request, the Director, Office of Hearings and Appeals, shall appoint an ad hoc appeals board to determine whether an appeal should be granted, and to hear and decide an appeal. To the extent they are not inconsistent herewith, the provisions of 43 CFR part 4, subpart G shall apply to appeal proceedings under this paragraph. The determination of the board to grant or deny an appeal, as well as its decision on the merits of an appeal, shall be in writing and become effective as the final administrative determination of the Secretary in the matter on the date it is rendered, unless otherwise specified therein.

(i) Amount of penalty. The amount of any civil penalty assessed under this section shall not exceed $10,000 for each violation. Each day of a continuing violation shall, however, constitute a separate offense. In determining the amount of such penalty, the nature, circumstances, extent, and gravity of the violation committed, and, with respect to the respondent, his history of any prior offenses, his demonstrated good faith in attempting to achieve
§ 37.51 Operational reports.

(a) Each permittee shall submit reports every 2 weeks on the progress of exploratory activities in a manner and format approved or prescribed by the Regional Director. These shall include, but are not limited to, a daily log of operations, and a report on the discovery of any springs, hydrocarbon seeps, and other unusual phenomena.

(b) Each permittee shall submit to the Regional Director a semiannual report of exploratory activities conducted within the periods from December through May and June through November. These semiannual reports shall be submitted on August 1 and February 1 or, as otherwise specified by the Regional Director, and shall contain the following:

(1) A description of the work performed;

(2) Charts, maps, or plats depicting the areas in which any exploratory activities were conducted, specifically identifying the seismic lines and the locations where geological exploratory activities were conducted, and the locations of campsites, airstrips and other support facilities utilized;

(3) The dates on which exploration was actually performed.

(4) A narrative summary of any: (i) Surface occurrences of hydrocarbon or environmental hazards, and (ii) adverse effects of the exploratory activities on the refuge's wildlife, its habitat, the environment, cultural resources, or other uses of the area in which the activities were conducted; and

(5) Such other information as may be reasonably specified by the Regional Director.

(c) Each permittee shall also submit such other reports as are specified in this part.

§ 37.52 Records.

The permittee shall keep accurate and complete records relating to its exploratory activities and to all data and information, including, but not limited to, raw, processed, reprocessed, analyzed and interpreted data and information, obtained as a result thereof. Until September 2, 1989, the Secretary shall have access to and the right to examine and reproduce any records, papers, or other documents relating to such activities, data and information in order to ascertain the permittee's compliance with this part, ability to perform under any special use permit, and reliability and accuracy of all data, information and reports submitted to the Regional Director.

§ 37.53 Submission of data and information.

(a) The permittee shall submit to the Regional Director free of charge all data and information obtained as a result of carrying out exploratory activities. Such data and information include copies of all raw data and information and all processed, analyzed and interpreted data or information. The permittee shall, unless directed otherwise by the Regional Director, submit such data and information within 30 days after the end of the annual quarter during which they become available to it at every level of data gathering or utilization, i.e., acquisition, processing, reprocessing, analysis, and interpretation.
§ 37.54 Disclosure.

(a) The Department shall make raw data and information obtained as a result of carrying out exploratory activities and submitted by the permittee or a third party available to the public upon submittal to the Congress of the report required by subsection (h) of the Act in accordance with subsection (e)(2)(C) of the Act, this section, and the procedural requirements of the Freedom of Information Act, 5 U.S.C. 552, and 43 CFR part 2. The Department shall withhold from the public all processed, analyzed and interpreted data or information obtained as a result of carrying out exploratory activities and submitted by the permittee or a third party, if they have been properly marked and correctly identified in accordance with §37.53(e), until 10 years after the submission of such data or information to the Regional Director or until 2 years after any lease sale including the area within the refuge from which such data or information were obtained such data or information, and all other data and information incorrectly identified as bearing such data or information shall be treated as raw data and information and shall be made available to the public upon request in accordance with §37.54(a). The Department reserves the right to determine whether any page or item is correctly identified as constituting processed, analyzed and interpreted data or information.

(b) Each submission of geophysical data or information shall contain, unless otherwise specified by the Regional Director, the following:

(1) An accurate and complete record of each geophysical survey conducted under the permittee's permit, including digital navigational data, if obtained, and final location maps of all survey stations; and,

(2) All seismic data developed under the permit, presented in a format prescribed or approved by the Regional Director and of a quality suitable for processing.

(c) Processed geophysical information shall be submitted with extraneous signals and interference removed as much as possible, and presented in a format and of a quality suitable for interpretive evaluation, reflecting state-of-the-art processing techniques.

(d) Processed, analyzed and interpreted data or information required to be submitted by the Act and this section shall include, but not be limited to, seismic record sections, and interpretations thereof; geologic maps, cross sections, and interpretations thereof; maps of gravitational and magnetic fields and interpretations thereof; and chemical or other analyses of rock samples collected on the refuge and interpretations thereof.

(e) Any permittee or other person submitting processed, analyzed and interpreted data or information to the Regional Director shall clearly identify them by marking the top of each page bearing such data or information with the words "PROCESSED, ANALYZED AND INTERPRETED DATA OR INFORMATION". All pages so marked shall be physically separated by the person submitting them from those not so marked, unless doing so will destroy the value or integrity of the data or information presented. In that event or in the event that an item is submitted which is not susceptible to marking by page, the document or item submitted will be accompanied by a summary identifying the location of all processed, analyzed and interpreted data or information which are not segregated or marked by page, and explaining the reasons therefore. All pages not marked with this legend, all other data and information not identified as bearing such data or information, and all other data and information incorrectly identified as bearing such data or information shall be treated as raw data and information and shall be made available to the public upon request in accordance with §37.54(a). The Department reserves the right to determine whether any page or item is correctly identified as constituting processed, analyzed and interpreted data or information.

(f) If the permittee proposes to transfer any data or information covered by this section to a third party or the third party proposes to transfer such data or information to another third party, the transferor shall notify the Regional Director at least 10 days in advance and shall require the receiving third party, in writing, to abide by the obligations of the permittee as specified in this section as a condition precedent to the transfer of such data or information.

(g) Upon request by the Department, a permittee shall identify each person to whom the permittee has provided data and information pursuant to §37.22(d)(3) and provide a description of the area to which such data and information pertain.
obtained, whichever period is longer, by invoking subsection (e)(2)(C) of the Act and exemption 3 to the Freedom of Information Act, 5 U.S.C. 552(b)(3). Thereafter, the Department shall treat such data or information as raw data and information. The Department shall make all other records, except exploration plans which must be published in accordance with §37.22(b), submitted by a permittee or a third party relating to the activities covered by the Act and this part available to the public in accordance with the Freedom of Information Act, 5 U.S.C. 552, and 43 CFR part 2.

(b) The Department reserves the right to disclose any data and information obtained as a result of carrying out exploratory activities and submitted by a permittee or a third party and any other information submitted by a permittee or a third party which may be exempt from public disclosure under the Freedom of Information Act, 5 U.S.C. 552, to an agent or third party in order to carry out the Department’s statutory authorities. When practicable, the Department shall notify the permittee who provided the data or information of its intent to disclose the data or information to an agent or third party. Prior to any such disclosure, the recipient shall be required to execute a written commitment not to transfer or to otherwise disclose any data or information to anyone without the express consent of the Department. The recipient shall be liable for any unauthorized use by or disclosure of such data or information to other parties.

(c) The Department reserves the right to disclose upon proper request any processed, analyzed and interpreted data and information and any other confidential information to the State of Alaska, to the Congress and any committee or subcommittee of the Congress having jurisdiction over the refuge or this exploration program, and to any part of the Executive and Judicial Branches of the United States for official use. The recipient shall be responsible for maintaining the confidentiality of such data and information in accordance with the Act.

(d) Commercial use by any person of data or information obtained as a result of carrying out exploratory activities and disclosed pursuant to this section is prohibited. No person shall obtain access from the Department, pursuant to paragraph (a) of this section, to any data or information obtained as a result of carrying out exploratory activities and submitted by the permittee or a third party until such person provides the Department with a statement certifying that person’s awareness of the prohibition contained in this paragraph and the disqualification stated in the first sentence of §37.4(b).

APPENDIX I TO PART 37—LEGAL DESCRIPTION OF THE COASTAL PLAIN, ARCTIC NATIONAL WILDLIFE REFUGE, ALASKA

Beginning at the meander corner of section 35 on the First Standard Parallel North on the line of mean high water on the left bank of the Canning River, T. 5 N., R. 23 E., Umiat Meridian; Thence easterly, along the First Standard Parallel North, approximately 40 3/4 miles to the closing corner of T. 4 N., Rs. 30 and 31 E., Umiat Meridian; Thence southerly, between Rs. 30 and 31 E., approximately 6 miles to the corner of Tps. 3 and 4 N., Rs. 33 and 34 E., Umiat Meridian; Thence easterly, between Tps. 3 and 4 N., approximately 18 miles to the corner of Tps. 3 and 4 N., Rs. 33 and 34 E., Umiat Meridian; Thence southerly, between Rs. 33 and 34 E., approximately 6 miles to the corner of Tps. 2 and 3 N., Rs. 33 and 34 E., Umiat Meridian; Thence easterly, between Tps. 2 and 3 N., approximately 21 miles to the meander corner of sections 4 and 33, on the line of mean high water on the left bank of the Aichilik River, Tps. 2 and 3 N., Rs. 37 E., Umiat Meridian; Thence northeasterly, along the line of mean high water on the left bank of the Aichilik River, approximately 32 miles to a point at the line of mean high tide of the Beaufort Lagoon, located in section 28, T. 6 N., R. 40 E., Umiat Meridian; Thence on an approximate forward bearing of N. 65 degrees E., approximately 7,600 feet to a point on the northerly boundary of the Arctic National Wildlife Refuge located in section 22, T. 6 N., R. 40 E., Umiat Meridian at the line of extreme low tide; Thence northwesterly, along the northerly boundary of the Arctic National Wildlife Refuge at the line of extreme low tide on the seaward side of all offshore bars, reefs and islands, approximately 28 miles, to a point in section 33, T. 9 N., R. 36 E., that is due north of the corner of T. 8 N., Rs. 36 and 37 E., Umiat Meridian;
Thence due South, approximately ¾ mile to the corner of T. 8 N., Rs. 36 and 37 E., Umiat Meridian;
Thence southerly between Rs. 36 and 37 E., approximately 3 miles to the corner of sections 13, 18, 19, and 24, T. 8 N., Rs. 36 and 37 E., Umiat Meridian;
Thence westerly, between sections 13 and 24, approximately 1 mile to the corner of sections 13, 14, 23 and 24, T. 8 N., R. 36 E., Umiat Meridian;
Thence northerly, between sections 13 and 14, approximately 1 mile to the corner of sections 11, 12, 13 and 14, T. 8 N., R. 36 E., Umiat Meridian;
Thence westerly, between sections 30 and 31, approximately 1 mile to the corner of sections 25, 30, 31 and 32, T. 8 N., R. 36 E., Umiat Meridian;
Thence westerly, between sections 31 and 36, approximately 1 mile to the corner of Tps. 7 and 8 N., Rs. 35 and 36 E., Umiat Meridian;
Thence westerly, between sections 26 and 27, 34 and 35, approximately 2 miles to the corner of sections 25, 26, 35 and 36, T. 8 N., R. 32 E., Umiat Meridian;
Thence northerly, between sections 33 and 34, approximately 1 mile to the corner of sections 3, 4, 33 and 34, Tps. 7 and 8 N., R. 32 E., Umiat Meridian;
Thence westerly, between Tps. 7 and 8 N., approximately 3 miles to the corner of Tps. 7 and 8 N., Rs. 31 and 32 E., Umiat Meridian;
Thence northerly, between ranges 31 and 32 E., approximately 3½ miles to a point on the northerly boundary of the Arctic National Wildlife Refuge at the line of extreme low tide located between sections 13 and 18, T. 8 N., Rs. 31 and 32 E., Umiat Meridian;
Thence westerly, along the northerly boundary of the Arctic National Wildlife Refuge approximately 57 miles along the line of extreme low water of the Arctic Ocean, including all offshore bars, reefs, and islands, to the most westerly tip of the most north-westerly island, westerly of Brownlow Point, section 6, T. 9 N., R. 25 E., Umiat Meridian;
Thence on an approximate forward bearing of S. 56½ degree W. approximately ¾ miles to the mean high water line of the extreme west bank of the Canning River in section 15, T. 9 N., R. 24 E., Umiat Meridian;
Thence southerly, along the mean high water line of the west bank of the Canning River approximately 32 miles to the meander corner on the First Standard Parallel North at a point on the southerly boundary of section 35, T. 5 N., R. 23 E., Umiat Meridian, the point of beginning.
PART 38—MIDWAY ATOLL
NATIONAL WILDLIFE REFUGE

Subpart A—General

§ 38.1 Applicability.

§ 38.2 Scope.

Subpart B—Executive Authority; Authorized
Powers; Emergency Authority

§ 38.3 Executive authority; duration.

§ 38.4 Authorized functions, powers, and du-
ties.

§ 38.5 Emergency authority.

Subpart C—Prohibitions

§ 38.6 General.

§ 38.7 Adopted offenses.

§ 38.8 Consistency with Federal law.

§ 38.9 Breach of the peace.

§ 38.10 Trespass.

§ 38.11 Prostitution and lewd behavior.

§ 38.12 Alcoholic beverages.

§ 38.13 Speed limits.

§ 38.14 Miscellaneous prohibitions.

§ 38.15 Attempt.

§ 38.16 Penalties.

Subpart D—Civil Administration

§ 38.17 General.

AUTHORITY: 5 U.S.C. 301; 16 U.S.C. 460k et
segl, 664a, 668dd, 742(f), 903 et seq.; 48 U.S.C.
644a; sec. 48, Pub. L. 86-624, 74 Stat 424; E.O.

SOURCE: 63 FR 11626, Mar. 10, 1998, unless
otherwise noted.

Subpart A—General

§ 38.1 Applicability.

(a) The regulations of this part apply
to the Midway Atoll National Wildlife
Refuge. For the purpose of this part,
the Midway Atoll National Wildlife
Refuge includes the Midway Islands,
Hawaiian Group, between the parallels
of 28 deg. 5′ and 28 deg. 25′ North lati-
tude, and their territorial seas located
approximately between the meridians
of 177 deg. 10′ and 177 deg. 30′ West lon-
gitude, as were placed under the juris-
diction and control of the Interior De-
partment by the provisions of Execu-
tive Order No. 13022 of October 31, 1996

(b) Administration of Midway Atoll
National Wildlife Refuge is governed
by the regulations of this part and
parts 25-32 of title 50, Code of Federal
Regulations; the general principles of
criminal law; the provisions of the
criminal laws of the United States in
their entirety including the provisions
of 18 U.S.C. 13 and those provisions
that were not specifically applied to
unincorporated possessions; the laws
applicable under the special maritime
jurisdiction contained in 48 U.S.C. 644a;
and the provisions of the criminal laws
of the State of Hawaii to the extent the
criminal laws of the State of Hawaii do
not conflict with the criminal laws of
the United States.

§ 38.2 Scope.

The provisions of this part are in ad-
dition to the regulations of 50 CFR
parts 25-32 which also apply to Midway
Atoll National Wildlife Refuge.

Subpart B—Executive Authority;
Authorized
Powers; Emer-
gency Authority

§ 38.3 Executive authority; duration.

The executive authority of the Sec-
retary of the Interior over the Midway
Islands will be exercised by the Service
Regional Director. The executive au-
thority of the Service Regional Direc-
tor may be redelegated to the Refuge
Manager, Midway Atoll National Wild-
life Refuge.

§ 38.4 Authorized functions, powers,
and duties.

The executive authority of the Re-
gional Director concerning the Midway
Islands includes:

(a) Issuance of citations for viola-
tions of this part and 50 CFR parts 25-
32;

(b) Abatement of any public nuisance
upon the failure of the person con-
cerned to comply with a removal no-
tice;

(c) Seizure of evidence;

(d) Investigation of accidents and of-
fenses;

(e) Custody and disposal of lost or
abandoned property;

(f) Regulation of aircraft and boat
traffic and safety;

(g) Imposition of quarantines;

(h) Evacuation of hazardous areas;

(i) Lawful restraint, detention, con-
finement, and care of persons prior to
their prompt transfer to the custody of
§ 38.9 Breach of the peace.

No person on Midway Atoll National Wildlife Refuge will:

(a) With intent to cause public inconvenience, annoyance, or alarm, or recklessly creating a risk thereof, engage in fighting, threatening, or other violent or tumultuous behavior; or make unreasonable noise or offensively coarse utterances, gestures, or displays, or address abusive language to any person present; or create a hazardous or physically offensive condition by any act which is not performed under any authorized license or permit;

(b) Having no legal privilege to do so, knowingly or recklessly obstruct any roadway, alley, runway, private driveway, or public passage, or interfere with or unreasonably delay any emergency vehicle or equipment or authorized vehicle, boat, vessel, or plane, or any peace officer, fireman, or other public official engaged in or attempting to discharge any lawful duty or office, whether alone or with others. “Obstruction” as used in this paragraph means rendering impassable

*U.S. Fish and Wildlife Serv., Interior*
§ 38.10  Trespass.

No person on Midway Atoll National Wildlife Refuge will:
(a) Loiter, prowl, or wander upon or near the assigned living quarters and adjacent property of another without lawful purpose, or, while being upon or near the assigned living quarters and adjacent property of another, peek in any door or window of an inhabited building or structure located thereon without lawful purpose;
(b) Enter upon any assigned residential quarters or areas immediately adjacent thereto, without permission of the assigned occupant;
(c) Enter or remain in, without lawful purpose, any office building, warehouse, plant, theater, club, school, or other building after normal operating hours for that building; or
(d) Enter or remain in any area or building designated and posted as “restricted” unless authorized by proper authority to be there.

§ 38.11  Prostitution and lewd behavior.

No person on Midway Atoll National Wildlife Refuge will:
(a) Engage in prostitution. “Prostitution” means the giving or receiving of the body for sexual intercourse for hire; or
(b) Commit any lewd act in a public place which is likely to be observed by others who would be affronted or alarmed.

§ 38.12  Alcoholic beverages.

No person on Midway Atoll National Wildlife Refuge will:
(a) Sell any alcoholic beverages to any person who, because of age, would be prohibited from purchasing that beverage in a civilian establishment in Hawaii.
(b) Present or have in possession any fraudulent evidence of age for the purpose of obtaining alcoholic beverages in violation of this section.
(c) Be substantially intoxicated on any street, road, beach, theater, club, or other public place from the voluntary use of intoxicating liquor, drugs or other substance. As used in this paragraph, “substantially intoxicated” is defined as an actual impairment of mental or physical capacities.

§ 38.13  Speed limits.

No person on Midway Atoll National Wildlife Refuge will exceed the speed limit for automobiles, trucks, bicycles, motorcycles, or other vehicles. Unless otherwise posted, the speed limit throughout the Midway Atoll National Wildlife Refuge is 15 miles per hour.

§ 38.14  Miscellaneous prohibitions.

No person on Midway Atoll National Wildlife Refuge will:
(a) Smoke or ignite any fire in any designated and posted “No Smoking” area, or in the immediate proximity of any aircraft, fueling pit, or hazardous material storage area;
(b) Knowingly report or cause to be reported to any public official, or willfully activate or cause to be activated, any alarm, that an emergency exists, knowing that such report or alarm is false. “Emergency,” as used in subpart B of this part, includes any condition which results, or could result, in the response of a public official in an emergency vehicle, or any condition which jeopardizes, or could jeopardize, public lives or safety, or results or could result in the evacuation of an area, building, structure, vehicle, aircraft, or boat or other vessel, or any other place by its occupants; or
(c) Intentionally report to any public official authorized to issue a warrant of arrest or make an arrest, that a crime has been committed, or make any oral or written statement to any of the above officials concerning a crime or alleged crime or other matter, knowing such report or statement to be false.
§ 38.15 Attempt.
No person on Midway Atoll National Wildlife Refuge will attempt to commit any offense prohibited by this part.

§ 38.16 Penalties.
Any person who violates any provision of this part will be fined or imprisoned in accordance with 16 U.S.C. 668dd(e) and Title 18, U.S. Code.

Subpart D—Civil Administration

§ 38.17 General.
Civil administration of Midway Atoll National Wildlife Refuge shall be governed by the provisions of this part, 50 CFR parts 25-32, and the general principles of common law.
PART 70—NATIONAL FISH HATCHERIES

§ 70.1 Purpose.
All national fish hatchery areas are maintained for the fundamental purpose of the propagation and distribution of fish and other aquatic animal life and managed for the protection of all species of wildlife.

§ 70.2 Administrative provisions.
The provisions and regulations set forth in part 25 of this chapter are equally applicable to national fish hatchery areas.

§ 70.3 State cooperation in national fish hatchery area management.
State cooperation may be enlisted in management programs including public hunting, fishing, and recreation. The details of these programs shall be mutually agreed upon by the Secretary and the head of the appropriate State agency in cooperative agreements executed for that purpose. Persons entering upon a national fish hatchery area shall comply with all regulations issued by the State agency under the terms of the cooperative agreement.

§ 70.4 Prohibited acts.
(a) The prohibited acts enumerated in part 27 of this chapter are equally applicable to national fish hatchery areas.
(b) Fishing, taking, seining, or attempting to fish, take, seine, any fish, amphibian, or other aquatic animal on any national fish hatchery area is prohibited except as may be authorized under the provisions of part 71 of this chapter.
(c) Hunting, killing, capturing, taking, or attempting to hunt, kill, capture, or take any animal on any national fish hatchery area is prohibited except as may be authorized in the provisions of part 71 of this chapter.
(d) Disturbing spawning fish or fish preparing to spawn in ponds, raceways, streams, lakes, traps, and below traps, ladders, fish screens, fishways and racks is prohibited.

§ 70.5 Enforcement, penalty, and procedural requirements for violations of parts 25, 26, and 27.
The enforcement, penalty, and procedural requirement provisions set forth in part 28 of this chapter are equally applicable to national fish hatchery areas.

§ 70.6 Public entry and use.
The public entry and use provisions set forth in part 26 of this chapter are equally applicable to national fish hatchery areas.

EDITORIAL NOTE: For Federal Register citations to special regulations issued under § 70.6, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 70.7 Land-use management.
The land-use management provisions set forth in part 29 of this chapter are equally applicable to national fish hatchery areas.

§ 70.8 Range and feral animal management.
The range and feral animal management provisions set forth in part 30 of this chapter are equally applicable to national fish hatchery areas.
§ 70.9 Wildlife species management.

The wildlife species management provisions set forth in part 31 of this chapter are equally applicable to national fish hatchery areas, except § 31.15 relating to hunting and fishing, which are treated separately in this part.

PART 71—HUNTING AND FISHING ON NATIONAL FISH HATCHERY AREAS

Subpart A—Hunting

§ 71.1 Opening of national fish hatchery areas to hunting.

National fish hatchery areas may be opened to hunting wildlife when such activity is not detrimental to the propagation and distribution of fish or other aquatic wildlife.

§ 71.2 General provisions.

The following provisions shall apply to public hunting on a national fish hatchery area:

(a) Each person shall secure and possess the required State license.

(b) Each person 16 years of age and older shall secure and possess a Migratory Bird Hunting Stamp while hunting migratory waterfowl.

(c) Each person shall comply with the applicable provisions of Federal laws and regulations including this subchapter and the current Federal Migratory Bird regulations.

(d) Each person shall comply with the applicable provisions of the laws and regulations of the State wherein any hatchery is located unless further restricted by Federal law or regulation.

(e) Each person shall comply with the terms and conditions authorizing access and use of the national fish hatchery area.

(f) Each person shall comply with the provisions of any special notices governing hunting on the national fish hatchery area. Such special notices will be posted throughout the area and will be available at the headquarters of the fish hatchery to which they relate.

(1) Special notices are issued only after the announcement of applicable annual State and Federal hunting regulations.

(2) Special notices may contain the following items:

(i) Wildlife species which may be hunted;

(ii) Seasons;

(iii) Bag limits;

(iv) Methods of hunting;

(v) Description of areas open to hunting;

(vi) Other provisions as required.

(3) Special notices will not liberalize existing State law or regulations.

(4) Special notices may be amended as needed to meet management responsibilities for the area.

Subpart B—Fishing

§ 71.11 Opening of national fish hatchery areas to fishing.

National fish hatchery areas may be opened to sport fishing when such activity is not detrimental to the propagation and distribution of fish or other aquatic animal life.

§ 71.12 General provisions.

The following provisions shall apply to public sport fishing on a national fish hatchery area:

(a) Each person shall secure and possess the required State license.

(b) Each person shall comply with the applicable provisions of Federal law and regulation including this subchapter.

(c) Each person shall comply with the applicable provisions of the laws and regulations of the State wherein any area is located unless the same are further restricted by Federal law or regulation.
§ 71.12

(d) Each person shall comply with the terms and conditions authorizing access and use of the national fish hatchery area.

(e) Each person shall comply with the provisions of any special notices governing fishing on the national fish hatchery area. Such special notices will be posted throughout the area and will be available at the headquarters of the fish hatchery to which they relate.

(1) Special notices are issued only after announcement of the applicable annual State fishing regulation.

(2) Special notices may contain the following items:
   (i) Species of fish which may be taken;
   (ii) Seasons;
   (iii) Creel limits;
   (iv) Method of fishing;
   (v) Description of areas open to fishing;
   (vi) Other provisions as required.

(3) Special notices will not liberalize existing State law or regulations.

(4) Special notices may be amended as needed to meet management responsibilities for the area.
SUBCHAPTER F—FEDERAL AID TO STATES IN FISH AND WILDLIFE RESTORATION

PART 80—ADMINISTRATIVE REQUIREMENTS, FEDERAL AID IN FISH AND FEDERAL AID IN WILDLIFE RESTORATION ACTS

Sec.
80.1 Definitions.
80.2 Eligibility.
80.3 Assent legislation.
80.4 Diversion of license fees.
80.5 Eligible undertakings.
80.6 Prohibited activities.
80.7 Appeals.
80.8 Availability of funds.
80.9 Notice of desire to participate.
80.10 Hunting and fishing license certification.
80.11 Submission of proposals.
80.12 Cost sharing.
80.13 Substantiality in character and design.
80.14 Application of Federal aid funds.
80.15 Allowable costs.
80.16 Federal aid payments.
80.17 Maintenance.
80.18 Responsibilities.
80.19 Records.
80.20 Land control.
80.21 Assurances.
80.22 Audits.
80.23 Allocation of funds between marine and freshwater fishery projects.
80.24 Recreational boating access facilities.
80.25 Multiyear financing under the Federal Aid in Sport Fish Restoration Program.
80.26 Symbols.


SOURCE: 47 FR 22539, May 25, 1982, unless otherwise noted.

NOTE: The information collection requirements in this part have been approved by the Office of Management and Budget under control number 1018-0048.

§ 80.1 Definitions.

As used in this part, terms shall have the following meanings:

(a) The Federal Aid Acts or the Acts.
(b) State. Any State of the United States; the territorial areas of Guam, the Virgin Islands, and American Samoa; the Commonwealth of Puerto Rico, the District of Columbia, and the Commonwealth of the Northern Mariana Islands.
(c) State fish and wildlife agency. The agency or official of a State designated under State law or regulation to carry out the laws of the State in relation to the management of fish and wildlife resources of the State. Such an agency or official which is also designated to exercise collateral responsibilities, e.g., State Department of Natural Resources, shall be considered the State fish and wildlife agency only when exercising the responsibilities specific to the management of the fish and wildlife resources of the State.
(d) Secretary. The Secretary of the Interior or his designated representative.
(e) Director. The Director of the U.S. Fish and Wildlife Service, or his designated representative. The Director serves as the Secretary's representative in matters relating to the administration and execution of the Federal Aid Acts.
(f) Regional Director. The Regional director of the U.S. Fish and Wildlife Service, or his designated representative.
(g) Federal Aid Manual. The publication of the U.S. Fish and Wildlife Service which contains policies, standards and procedures required for participation in the benefits of the Acts.
(h) Project. A program of related undertakings necessary to fulfill a defined need which is consistent with the purposes of the Act.
(i) Comprehensive fish and wildlife management plan. A document describing the State's plan for meeting the long-range needs of the public for fish and wildlife resources, and the system for managing the plan.
(j) Federal Aid Funds. Funds provided under Federal Aid Acts.
(k) Resident angler. A resident angler is one who fishes within the same State where legal residence is maintained.
§ 80.2

Common horsepower. Common horsepower is defined as any size motor that can be reasonably accommodated on the body of water slated for development.


§ 80.2 Eligibility.

Participation in the benefits of the Acts is limited to State fish and wildlife agencies as specified below:

(a) Federal Aid in Sport Fish Restoration—Each of the 50 States, the Commonwealth of Puerto Rico, the District of Columbia, the Commonwealth of the Northern Mariana Islands, Guam, the Virgin Islands, and American Samoa.

(b) Federal Aid in Wildlife Restoration—Each of the 50 States, the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, Guam, and the Virgin Islands; except that the benefits afforded by section 4(b) of the Act relating to hunter education projects are limited to the 50 States.


§ 80.3 Assent legislation.

A State may participate in the benefits of the Acts only after it has passed legislation which assents to the provisions of the Acts and has passed laws for the conservation of fish and wildlife including a prohibition against the diversion of license fees paid by hunters and sport fishermen to purposes other than administration of the State fish and wildlife agency. Subsequent legislation which amends these state laws shall be subject to review by the Secretary. If the legislation is found contrary to the assent provisions, the State shall become ineligible.

§ 80.4 Diversion of license fees.

Revenues from license fees paid by hunters and fishermen shall not be diverted to purposes other than administration of the State fish and wildlife agency.

(a) Revenues from license fees paid by hunters and fishermen are any revenues the State receives from the sale of licenses issued by the State conveying to a person the privilege to pursue or take wildlife or fish. For the purpose of this rule, revenue with respect to license sales by vendors, is considered to be the net income to the State after deducting reasonable vendor fees or similar amounts retained by sales agents. License revenues include income from:

(1) General or special licenses, permits, stamps, tags, access and recreation fees or other charges imposed by the State to hunt or fish for sport or recreation.

(2) Sale, lease, rental, or other granting of rights of real or personal property acquired or produced with license revenues. Real property includes, but is not limited to, lands, building, minerals, energy resources, timber, grazing, and animal products. Personal property includes, but is not limited to, equipment, vehicles, machine, tools, and annual crops.

(3) Interest, dividends, or other income earned on license revenues.

(b) For purposes of this rule, administration of the State fish and wildlife agency include only those functions required to manage the fish and wildlife-oriented resources of the State for which the agency has authority under State law.

(c) A diversion of license fee revenues occurs when any portion of license revenues is used for any purpose other than the administration of the fish and wildlife agency.

(d) If a diversion of license revenues occurs, the State becomes ineligible to participate under the pertinent Act from the date the diversion is declared by the Director until:

(1) Adequate legislative prohibitions are in place to prevent diversion of license revenue, and

(2) All license revenues or assets acquired with license revenues are restored, or an amount equal to license revenue diverted or current market value of assets diverted (whichever is greater) is returned and properly available for use for the administration of the State fish and wildlife agency.
§ 80.10 Hunting and fishing license certification.

(a) Information concerning the number of persons holding paid licenses to hunt and the number of persons holding paid licenses to fish for sport or recreation in the State in the preceding year shall be furnished upon request of the Director by the fish and wildlife agency of each State on forms furnished by the Fish and Wildlife Service.

(b) This information shall be certified as accurate by the director of the State fish and wildlife agency. When requested by the Director, evidence used in determining accuracy of the certification shall also be furnished.
§ 80.11 License holders shall be counted over a period of 12 months; the calendar year, fiscal year, or other licensing period may be used provided it is consistent from year to year in each State. In determining licenses which are eligible for inclusion, the following guidelines shall be observed:

(1) Trapping licenses, commercial licenses, and other licenses which are not for the express purpose of permitting the holder to hunt or fish for sport or recreation shall not be included.

(2) Licenses which do not return net revenue to the State shall not be included. To qualify as a paid license, the fee must produce revenue for the State. Net revenue is any amount returned to the State after deducting agent or sellers fees and the cost for printing, distribution, control or other costs directly associated with the issuance of each license.

(3) Licenses valid for more than one year, either a specific or indeterminate number of years, may be counted in each of the years for which they are valid; provided that:

   (i) The net revenue from each license is commensurate with the period for which hunting or fishing privileges are granted, and

   (ii) Sampling or other techniques are used to determine whether the licensee remains a license holder in the year of certification.

(4) Combination fishing and hunting licenses (a single license which permits the holder both to hunt and fish) shall be included in the determination of both the number of paid hunting license holders and the number of persons holding paid licenses to fish for sport or recreation.

(5) Some licensing systems require or permit an individual to hold more than one license to hunt or to fish in a State. Such an individual shall not be counted more than once as a hunting or fishing license holder. The State fish and wildlife director, in certifying license information to the Director, is responsible for eliminating duplication or multiple counting of single individuals in the figures which he certifies. Sampling and other statistical techniques may be utilized by the certifying officer for this purpose.

(Approved by the Office of Management and Budget under control number 1018-0007)

§ 80.11 Submission of proposals.

A State may make application for use of funds apportioned under the Acts by submitting to the regional director either a comprehensive fish and wildlife management plan or project proposal.

(a) Each application shall contain such information as the regional director may require to determine if the proposed activities are in accordance with Acts, the provisions of this part, and the standards contained in the Federal Aid Manual.

(b) Each application and amendments of scope shall be submitted to the State Clearinghouse as required by Office of Management and Budget (OMB) Circular A-110 and by State Clearinghouse requirements.

(c) Applications must be signed by the director of the State fish and wildlife agency or the official(s) delegated to exercise the authority and responsibilities of the State's director in committing the State to participation under the Acts. The director of each State fish and wildlife agency shall notify the regional director, in writing, of the official(s) authorized to sign Federal Aid documents, and any changes in such authorizations.

§ 80.12 Cost sharing.

Federal participation is limited to 75 percent of eligible costs incurred in the completion of approved work or the Federal share specified in the project agreement, whichever is less, except that the non-Federal cost sharing for the Commonwealth of Puerto Rico, the Commonwealth of the Northern Mariana Islands, Guam, the Virgin Islands, and American Samoa shall not exceed 25 percent and may be waived at the discretion of the regional director.

(a) A minimum Federal participation of 10 percent of the estimated costs is required as a condition of approval.

(b) The non-Federal share of project costs may be in the form of cash or in-kind contributions. The allowability and evaluation of in-kind contributions

754
are subject to the policies and standards prescribed in Office of Management and Budget (OMB) Circular A-102.

(c) The non-Federal share of project costs may not be derived from other Federal funds, except as authorized by specific legislation.

§ 80.13 Substantiality in character and design.
All projects proposed for funding under the Acts must be substantial in character and design. A substantial project (for fish and wildlife purposes) is one which:

(a) Identifies and describes a need within the purposes of the relevant Act to be utilized;

(b) Identifies the objectives to be accomplished based on the stated need;

(c) Utilizes accepted fish and wildlife conservation and management principles, sound design, and appropriate procedures; and

(d) Will yield benefits which are pertinent to the identified need at a level commensurate with project costs.

§ 80.14 Application of Federal aid funds.

(a) Federal Aid funds shall be applied only to activities or purposes approved by the regional director. If otherwise applied, such funds must be replaced or the State becomes ineligible to participate.

(b) Real property acquired or constructed with Federal Aid funds must continue to serve the purpose for which acquired or constructed.

(1) When such property passes from management control of the fish and wildlife agency, the control must be fully restored to the State fish and wildlife agency or the real property must be replaced using non-Federal Aid funds. Replacement property must be of equal value at current market prices and with equal benefits as the original property. The State may have a reasonable time, up to three years from the date of notification by the regional director, to acquire replacement property before becoming ineligible.

(2) When such property is used for purposes which interfere with the accomplishment of approved purposes, the violating activities must cease and any adverse effects resulting must be remedied.

(3) When such property is no longer needed or useful for its original purpose, and with prior approval of the regional director, the property shall be used or disposed of as provided by Attachment N of OMB Circular A-102.

(c) Federal Aid funds shall not be used for the purpose of producing income. However, income producing activities incidental to accomplishment of approved purposes are allowable. Income derived from such activities shall be accounted for in the project records and disposed of as directed by the Director.

§ 80.15 Allowable costs.
Allowable costs are limited to those which are necessary and reasonable for accomplishment of approved project purposes, and are in accordance with the cost principles of OMB Circular A-87.

(a) All costs must be supported by source documents or other records as necessary to substantiate the application of funds. Such documentation and records are subject to review by the Secretary to determine the allowability of costs.

(b) Costs incurred prior to the effective date of the project agreement are allowable only when specifically provided for in project agreement.

(c) Projects or facilities designed to include purposes other than those eligible under the pertinent Act shall provide for the allocation of costs among the various purposes. The method used to allocate costs shall produce an equitable distribution of costs based on the relative uses or benefits provided.

(d) Administrative costs in the form of overhead or indirect costs for State central services outside of the State fish and wildlife agency must be in accord with an approved cost allocation plan and shall not exceed in any one fiscal year three percentum of the annual apportionment.

(e) Not more than 10 per centum of the annual amount apportioned to each State under provisions of the Federal Aid in Sport Fish Restoration Act may...
§ 80.16 Federal aid payments.
Payments shall be made for the Federal share of allowable costs incurred by the State in accomplishing approved projects.

(a) Requests for payments shall be submitted on forms furnished by the regional director.
(b) Payments shall be made only to the office or official designated by the State fish and wildlife agency and authorized under the laws of the State to receive public funds for the State.
(c) All payments are subject to final determination of allowability based on audit. Any overpayments made to the State shall be recovered as directed by the region director.
(d) The regional director may withhold payments pending receipt of all required reports or documentation for the project.

§ 80.17 Maintenance.
The State is responsible for maintenance of all capital improvements acquired or constructed with Federal Aid funds throughout the useful life of each improvement. Costs for such maintenance are allowable when provided for in approved projects. The maintenance of improvements acquired or constructed with non-Federal Aid funds are allowable costs when such improvements are necessary to accomplishment of project purposes as approved by the regional director, and when such costs are otherwise allowable by law.

§ 80.18 Responsibilities.
In the conduct of activities funded under the Acts, the State is responsible for:

(a) The supervision of each project to assure it is conducted as provided in the project documents, including:
    (1) Proper and effective use of funds.
    (2) Maintenance of project records.
    (3) Timely submission of reports.
    (4) Regular inspection and monitoring of work in progress.
(b) The selection and supervision of project personnel to assure that:
    (1) Adequate and competent personnel are available to carry the project through to a satisfactory and timely completion.
    (2) Project personnel perform the work to ensure that time schedules are met, projected work units are accomplished, other performance objectives are being achieved, and reports are submitted as required.
    (c) The accountability and control of all assets to assure that they serve the purpose for which acquired throughout their useful life.
    (d) The compliance with all applicable Federal, State, and local laws.
    (e) The settlement and satisfaction of all contractual and administrative issues arising out of procurement entered into.

§ 80.19 Records.
The State shall maintain current and complete financial, property and procurement records in accordance with requirements contained in the Federal Aid Manual and OMB Circular A-102.

(a) Financial, supporting documents, and all other records pertinent to a project shall be retained for a period of three years after submission of the final expenditure report on the project. If any litigation, claim, or audit was started before the expiration of the three-year period, the records shall be retained until the resolution is completed. Records for nonexpendable property shall be retained for a period of three years following final disposition of the property.
(b) The Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any pertinent books, documents, papers and records of the State.

§ 80.20 Land control.
The State must control lands or waters on which capital improvements are made with Federal Aid funds. Controls may be exercised through fee title, lease, easement, or agreement. Control must be adequate for protection, maintenance, and use of the improvement throughout its useful life.
§ 80.21 Assurances.

The State must agree to and certify that it will comply with all applicable Federal laws, regulations, and requirements as they relate to the application, acceptance, and use of Federal funds under the Acts. The Secretary shall have the right to review or inspect for compliance at any time. Upon determination of noncompliance, the Secretary may terminate or suspend those projects in noncompliance, or may declare the State ineligible for further participation in program benefits until compliance is achieved.

§ 80.22 Audits.

The State is required to conduct an audit at least every two years in accordance with the provisions of Attachment P of OMB Circular A-102. Failure to conduct audits as required may result in withholding of grant payments or such other sanctions as the Secretary may deem appropriate.

§ 80.23 Allocation of funds between marine and freshwater fishery projects.

(a) Each coastal State, to the extent practicable, shall equitably allocate those funds specified by the Secretary, in the apportionment of Federal Aid in Sport Fish Restoration funds, between projects having recreational benefits for marine fisheries and projects having recreational benefits for freshwater fisheries.

(1) Coastal States are: Alabama, Alaska, California, Connecticut, Delaware, Florida, Georgia, Hawaii, Louisiana, Maine, Maryland, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Oregon, Rhode Island, South Carolina, Texas, Virginia, Washington, Puerto Rico, the United States Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.

(2) The allocation and subsequent obligation of funds between projects that benefit marine and freshwater interests will be in the same proportion as the estimated number of resident marine anglers and resident freshwater anglers, respectively, bears to the estimated number of total resident anglers in the State. The number of marine and freshwater anglers shall be based on a statistically reliable method for determining the relative distribution of resident anglers in the State between those that fish in saltwater and those that fish in freshwater.

(3) To the extent practicable means that the amounts allocated of each year's apportionment may not necessarily result in an equitable allocation for each year. However, the amounts allocated over a period, not to exceed 3 years, must result in an equitable allocation between marine and freshwater fisheries projects. Ongoing marine project costs can be applied toward the State's saltwater allocation.

(4) Failure to provide for an equitable allocation may result in the State's becoming ineligible to participate in the use of those funds specified, until such time as the State demonstrates to the satisfaction of the Director that funds will be allocated equitably.

(b) [Reserved]

§ 80.24 Recreational boating access facilities.

The State shall allocate at least 10 percentum of each annual apportionment under Federal Aid in Sport Fish Restoration Act for recreational boating access facilities. All facilities constructed, acquired, developed, renovated, or maintained (including those existing structures for which maintenance is provided) must be for the purpose of providing additional, improved, or safer access of public waters for boating recreation as part of the State's effort for the restoration, management, and public use of sport fish. Though a broad range of access facilities and associated amenities can qualify for funding under the 10 percent provision, power boats with common horsepower ratings must be accommodated, and, in addition, the State must make reasonable efforts to accommodate boats with larger horsepower ratings if they would not conflict with aquatic resources management. Any portion of the 10 percent set aside for
§ 80.25 Multiyear financing under the Federal Aid in Sport Fish Restoration Program.

(a) States may finance the acquisition of lands or interests in lands including water rights and the construction of structures and facilities utilizing multiyear funding as authorized by the Federal Aid in Sport Fish Restoration Act in two ways:

(1) States may finance the entire cost of the acquisition or construction from a non-Federal funding source and claim Federal Aid reimbursement in succeeding apportionment years according to a scheduled reimbursement plan.

(2) States may negotiate an installment purchase or contract whereby periodic and specified amounts are paid to the seller or contractor and Federal Aid reimbursements are allowed for each payment from any apportionment year current at the time of payment.

(b) Multiyear financing is subject to the following conditions:

(1) Projects must provide for prospective use of funds and be approved by the Regional Director in advance of the State’s obligation or commitment to purchase property or contract for structures or facilities.

(2) States must agree to complete the project even if Federal funds are not available. In the event the project is not completed, those Federal funds expended but not resulting in commensurate sport fishery benefits must be recovered by the State and reallocated to approved State sport fish projects.

(3) Project proposals must include a complete schedule of payments to complete the project.

(4) No costs for interest or financing shall be claimed for reimbursement.

[50 FR 21448, May 24, 1985]

§ 80.26 Symbols.

Distinctive symbols are prescribed to identify projects funded by the Federal Aid in Wildlife Restoration Act and the Federal Aid in Sport Fish Restoration Act and to identify items on which taxes and duties have been collected to support the respective Acts.

(a) All recipients identified in §80.2 of this part are authorized to display the appropriate symbol(s) on areas, such as wildlife management areas and fishing access facilities, acquired, developed, operated or maintained by these grants, or on printed material or other visual representations relating to project accomplishments. Recipients may require sub-recipients to display the symbol(s) and may authorize use by others, or for purposes other than as stated above, only with approval of the Director, U.S. Fish and Wildlife Service.

(b) Other persons or organizations may use the symbol(s) for purposes related to the Federal Aid programs as authorized by the Director, U.S. Fish and Wildlife Service. Authorization for the use of the symbol(s) shall be by written agreement executed by the Service and the user. To obtain authorization a written request stating the specific use and items to which the symbol(s) will be applied must be submitted to Director, U.S. Fish and Wildlife Service, Washington, DC 20240.

(c) The user of the symbol(s) shall indemnify and defend the United States and hold it harmless from any claims, suits, losses and damages arising out of any allegedly unauthorized use of any patent, process, idea, method or device by the user in connection with its use of the symbol(s), or any other alleged action of the user and also from any claims, suits, losses and damages arising out of alleged defects in the articles or services with which the symbol(s) is associated.

(d) The appearance of the symbol(s) on projects or items is to indicate that the manufacturer of the product is taxed by, and that the State project was funded through, the respective Act(s). The U.S. Fish and Wildlife Service and the Department of the Interior make no representation or endorsement whatsoever by the display of the symbol(s) as to the quality, utility, suitability or safeness of any product, service or project with which the symbol(s) is associated.

(e) Neither symbol may be used in any other manner except as authorized by the Director, U.S. Fish and Wildlife Service.

[50 FR 21448, May 24, 1985]
§ 81.1 Definitions.

As used in this part, terms shall have the meaning ascribed in this section.

(a) Agreements. Signed documented statements of the actions to be taken by the State(s) and the Secretary in furthering the purposes of the Act. They include:

(f) The symbol pertaining to the Federal Aid in Wildlife Restoration Act is depicted below.

(g) The symbol pertaining to Federal Aid in Sport Fish Restoration Act is depicted below.

(h) The symbol pertaining to the Federal Aid in Wildlife Restoration Act and the Federal Aid in Sport Fish Restoration Act when used in combination is depicted below.
(1) A Cooperative Agreement entered into pursuant to section 6(c) of the Endangered Species Act of 1973 and §81.2 of this part.

(2) A Project Agreement which includes a statement as to the actions to be taken in connection with the conservation of endangered or threatened species, benefits derived, cost of actions, and costs to be borne by the Federal Government and by the States.

(b) Conserve, conserving, and conservation. The use of all methods and procedures which are necessary to bring any endangered species or threatened species to the point at which the measures provided pursuant to the Endangered Species Act of 1973 are no longer necessary. Such methods and procedures include, but are not limited to, all activities associated with scientific resources management such as research, census, law enforcement, habitat acquisition and maintenance, propagation, live trapping, and transplantation, and, in the extraordinary case where population pressures within a given ecosystem cannot be otherwise relieved, may include regulated taking.

(c) Endangered species. Any species which is in danger of extinction throughout all or a significant portion of its range (other than a species of the Class Insecta as determined by the Secretary to constitute a pest whose protection under the provisions of The Endangered Species Act of 1973 would present an overwhelming and overriding risk to man).

(d) Fish or wildlife. Any member of the animal kingdom, including without limitation any mammal, fish, bird (including any migratory, nonmigratory, or endangered bird for which protection is also afforded by treaty or other international agreement), amphibian, reptile, mollusk, crustacean, arthropod or other invertebrate, and includes any part, product, egg, or offspring thereof, or the dead body or parts thereof.

(e) Plant. Any member of the plant kingdom, including seeds, roots, and other parts thereof.

(f) Program. A State-developed set of goals, objectives, strategies, action, and funding necessary to be taken to promote the conservation and management of resident endangered or threatened species.

(g) Secretary. The Secretary of the Interior or his authorized representative.

(h) Species. This term includes any subspecies of fish or wildlife or plants, and any distinct population segment of any species of vertebrate fish or wildlife which interbreeds when mature.

(i) State. Any of the several States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the Virgin Islands, Guam, and the Trust Territory of the Pacific Islands.

(j) State agency. The State agency or agencies, or other governmental entity or entities which are responsible for the management and conservation of fish or wildlife resources within a State.

(k) Plan. A course of action under which immediate attention will be given to a State's resident species determined to be endangered or threatened.

(l) Threatened species. Any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range, as determined by the Secretary.

(m) Project. A plan undertaken to conserve the various species of fish and wildlife or plants facing extinction.


(o) Project segment. An essential part or a division of a project, usually separated as a period of time, occasionally as a unit of work.

(p) Resident species. For the purposes of the Endangered Species Act of 1973, a species is resident in a State if it exists in the wild in that State during any part of its life.

[40 FR 47509, Oct. 9, 1975, as amended at 44 FR 31590, May 31, 1979; 49 FR 30074, July 26, 1984]

§81.2 Cooperation with the States.

The Secretary is authorized by the act to cooperate with any State which establishes and maintains an adequate and active program for the conservation of various endangered and threatened species. In order for a State program to be deemed an adequate and active program, the Secretary must find and reconfirm, on an annual basis, that under the State program, either:
§ 81.3 Cooperative Agreement.

Upon determination by the Secretary that a State program is adequate and active and complies with § 81.2, the Secretary shall enter into an Agreement with the State. A Cooperative Agreement is necessary before a Project Agreement can be approved for endangered or threatened species projects. A cooperative agreement under § 81.2 must be reconfirmed annually to reflect new laws, species lists, rules and regulations, and programs, and to demonstrate that the program is still active and adequate. The Secretary, in determining which species are most urgently in need of a conservation program as provided for in § 81.2(e), shall apply the following criteria: (1) The degree of threat to the continued existence of the species; (2) the recovery potential of the species; (3) the taxonomic status, e.g., giving full species priority over subspecies or populations; and (4) such other relevant biological factors as determined appropriate.

§ 81.4 Allocation of funds.

The Secretary shall semi-annually allocate funds, appropriated for the purpose of carrying out Section 6, to various State programs using the following as the basis for his determination:

(a) The international commitments of the United States to protect endangered or threatened species;
(b) The readiness of a State to proceed with a conservation program consistent with the objectives and purposes of the Act;
(c) The number of endangered and threatened species within a State;
(d) The potential for restoring endangered and threatened species within a State; and
(e) The relative urgency to initiate a program to restore and protect an endangered or threatened species in terms of survival of the species.

[41 FR 15016, Apr. 9, 1976, as amended at 44 FR 31580, May 31, 1979]
§ 81.5 Information for the Secretary.

Before any Federal funds may be obligated for any project to be undertaken in a State, the State must have entered into a Cooperative Agreement with the Secretary pursuant to section 6(c) of the Act.

§ 81.6 Project Agreement.

(a) Subsequent to the establishment of a Cooperative Agreement pursuant to §81.3, the Secretary may further agree with the States to provide financial assistance in the development and implementation of acceptable projects for the conservation of endangered and threatened species. Financial agreements will consist of an Application for Federal Assistance and a Project Agreement. Such agreements’ continued existence, and continued financial assistance under such agreements, shall be contingent upon the continued existence of the Cooperative Agreement described in §81.3 of this part.

(b) The Application for Federal Assistance will show the need for the project, the objectives, the expected benefits and results, the approach, the period of time necessary to accomplish the objectives, and both the Federal and State costs. All of a State’s activities proposed for this Federal grant support will be incorporated in one or more project applications.

(c) To meet the requirements of the Act, the Application for Federal Assistance shall certify that the State agency submitting the project is committed to its execution and that it has been reviewed by the appropriate State officials and is in compliance with other requirements of the Office of Management and Budget Circular No. A–95 (as revised).

(d) The Project Agreement will follow approval of the Application for Federal Assistance by the Secretary. The obligations by the cooperating agencies will be shown in this agreement executed between the State and the Secretary. An agreement shall cover the financing proposed in one project segment and the work items described in the documents supporting it.

(e) The form and content for both the Application for Federal Assistance and the Project Agreement are provided in the Federal Aid Manual.

[40 FR 47509, Oct. 9, 1975, as amended at 44 FR 31581, May 31, 1979]

§ 81.7 Availability of funds.

Funds allocated to a State are available for obligation during the fiscal year for which they are allocated and until the close of the succeeding fiscal year. For the purpose of this section, obligation of allocated funds occurs when a Project Agreement is signed by the Secretary, or his authorized representative, attesting to his approval.

§ 81.8 Payments.

The payment of the Federal share of costs incurred in the conduct of activities included under a Project Agreement shall be in accordance with Treasury Circular 1075.

(a) Federal payments under the Act shall not exceed 75 percent of the program costs as stated in the agreement; except, the Federal share may be increased to 90 percent when two or more States having a common interest in one or more endangered or threatened species, the conservation of which may be enhanced by cooperation of such States, enter jointly into an agreement with the Secretary.

(b) The State share of program costs may be in the form of cash or in-kind contributions, including real property, subject to standards established by the Secretary as provided in Office of Management and Budget Circular A–102.

(c) Payments under the Endangered Species Act, including such preliminary costs and expenses as may be incurred in connection with projects, shall not be made unless all documents that may be necessary or required in the administration of this Act shall have first been submitted to and approved by the Secretary. Payments shall be made only to the State office or official designated by the State agency and authorized under the laws of the State to receive public funds of the State.

(d) Vouchers and forms provided by the Secretary and certified as therein prescribed, showing amounts expended and the amount of Federal Aid funds
§ 81.9 Assurances.

The State must assure and certify that it will comply with all applicable Federal laws, regulations, and requirements as they relate to the application, acceptance, and use of Federal funds for projects under the Act in accordance with Office of Management and Budget Circular A-102.

[40 FR 47509, Oct. 9, 1975, as amended at 44 FR 31581, May 31, 1979]

§ 81.10 Submission of documents.

Papers and documents required by the Act or by regulations in this part shall be deemed submitted to the Secretary from the date of receipt by the Director of the U.S. Fish and Wildlife Service.

§ 81.11 Divergent opinions over project merits.

Any difference of opinion about the substantiality of a proposed project or appraised value of land to be acquired are considered by qualified representatives of the Secretary and the State. Final determination in the event of continued disagreement rests with the Secretary.

§ 81.12 Contracts.

The State may use its own regulations in obtaining services providing that they adhere to Federal laws and the requirements provided by Office of Management and Budget Circular A-102. The State is the responsible authority without recourse to the Secretary regarding settlement of contractual issues.

[40 FR 47509, Oct. 9, 1975, as amended at 44 FR 31581, May 31, 1979]

§ 81.13 Inspection.

Supervision of each project by the State shall include adequate and continuous inspection. The project will be subject to periodic Federal inspection.

§ 81.14 Comprehensive plan alternative.

In the event that the State elects to operate under a comprehensive fish and wildlife resource planning system, the Cooperative Agreement will be an attachment to the plan. No Application for Federal Assistance will be required since the documentation will be incorporated in the plan. However, the continued existence of the comprehensive plan, and Federal financing thereunder, will be contingent upon the continued existence of the Cooperative Agreement described in §81.3, above.

§ 81.15 Audits.

The State is required to conduct an audit at least every two years in accordance with the provisions of Attachment P of OMB Circular A-102. Failure to conduct audits as required may result in withholding of grant payments or such other sanctions as the Secretary may deem appropriate.

[49 FR 30074, July 26, 1984]
§ 82.1 Scope of regulations.

The regulations in this part are issued, pursuant to the authority of the Secretary in section 1380 of the Marine Mammal Protection Act, 16 U.S.C. 1361-1407 (Supp. II 1972), to provide procedures for the submission and review of applications and the award and administration of research grants, or other forms of financial assistance, to Federal or state agencies, public or private institutions, or other persons including any foreign governments for research relevant to the protection and conservation of marine mammals.

§ 82.2 Purpose of regulations.

The Marine Mammal Protection Act of 1972 (Pub. L. 92-552) authorizes appropriations, and confers authority upon the Secretary, subject to such terms and conditions as he deems necessary, and after review by the Marine Mammal Commission, to make grants, or provide other forms of financial assistance, for the purpose of undertaking research relevant to the protection and conservation of marine mammals. Research initiated pursuant to this authorization is to be directed toward increasing the available knowledge of the ecology and population dynamics of marine mammals and of the factors which bear upon their ability to reproduce themselves successfully, which information may be used for the purposes of increasing and maintaining the number of animals within species and populations of marine mammals at the optimum carrying capacity of their habitat.

§ 82.3 Supplementary information and procedures.

The regulations in this part are intended to provide for the maximum flexibility and simplicity in the application and award of grants or other financial assistance and the minimum amount of Federal control in the conduct of the research and supervision of Federal funds, consistent with the anticipated level of appropriated funds and demand for such funds. With respect to grants to state or local governments these regulations are intended to implement and be read as consistent with Federal Management Circular 74-7, “Uniform Administrative Requirements for Grants-in-Aid to State and Local Governments,” (FMC 74-7) 34 CFR part 256, 39 FR 35787-35796, October 4, 1974, unless specifically noted otherwise. The standards and procedures set forth therein, and other referenced Federal management circulators, will, to the extent practical, govern other forms of financial assistance to state and local governments, public and private institutions and persons as well as grants to such institutions and persons. Other Federal regulations and sources of guidance potential applicants may find worthwhile to consult for information which may be helpful in applying and implementing research grants or other financial assistance under these regulations include: 34 CFR part 211, Cost Sharing on Federal Research (FMC 73-3); 34 CFR part 251, Audit of Federal Operations and Programs by Executive Branch Agencies, superseding OMB Circular No. A-73, dated August 4, 1965; 34 CFR part 252, Coordinating Indirect Cost Rates and Audit at Educational Institutions, (FMC 73-6); 34 CFR part 253, Administration of College and University Grants (FMC 73-7); 34 CFR part 254, Cost Principles for Educational Institutions (FMC 73-8); FMC 74-4, Cost Principles under Grants to State and Local Governments.

§ 82.4 Authority.

The Secretary of the Interior has delegated to the Director, Fish and Wildlife Service, his authority under the Marine Mammal Protection Act to enter into grants or other forms of financial assistance for research relevant to the protection and conservation of marine mammals covered by the Act excluding the order Cetacea and members, other than walruses, of the order Pinnipedia.
§ 82.5 Definitions.

As used in this part, terms shall have the meanings ascribed in this section.


(b) Cooperative Agreement means the properly signed documentation, including the Application for Federal Assistance, which describes the project goals, the time schedule for achieving them, the estimated expenses to be incurred and the terms and conditions under which the research will be conducted, the totality of which constitutes the legally binding instrument between the Secretary and the grantee.

(c) Grantee means (1) any private person or entity, or (2) any officer, employee, agent, department, or instrumentality of the Federal Government, or any state or political subdivision thereof or any foreign government, participating in a cooperative agreement with the Secretary.

(d) Marine Mammal means any specimen of the following species, whether alive or dead, or any part thereof, including but not limited to, any raw, dressed, or dyed fur or skin:

<table>
<thead>
<tr>
<th>Scientific name</th>
<th>Common name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ursus maritimus</td>
<td>Polar bear</td>
</tr>
<tr>
<td>Enhydra lutris</td>
<td>Sea Otter</td>
</tr>
<tr>
<td>Odobenus rosmarus</td>
<td>Walrus</td>
</tr>
<tr>
<td>Dugong dugong</td>
<td>Dugong</td>
</tr>
<tr>
<td>Trichechus inunquis</td>
<td>West Indian manatee</td>
</tr>
<tr>
<td>Trichechus manatus</td>
<td>West African manatee</td>
</tr>
<tr>
<td>Trichechus senegalensis</td>
<td>Amazonian manatee</td>
</tr>
</tbody>
</table>

NOTE: Common names given may be at variance with local usage; they are not required to be provided by the Act, and they have no legal significance.

(e) Non-Federal interest means any organization, association, institution, business, school, individual or group of individuals, state agency, municipality, or others outside the Federal Government which desires to participate within the terms of the Act.

(f) Project means any program for which an Application for Federal Assistance and a cooperative agreement have been approved and which provides for research in subjects which are relevant to the protection and conservation of marine mammals.

(g) Secretary means the Secretary of the Interior or his delegated representative.

(h) State means the several states, the District of Columbia, the Commonwealth of Puerto Rico, the Canal Zone, the possessions of the United States, and the Trust Territory of the Pacific Islands.

(i) State agency means any department(s), commission(s), or official(s), of a state empowered under its laws to administer the state program for marine mammals.

Subpart B—Application for Grants

§ 82.6 Submission of proposals.

(a) Preapplication forms may be submitted by any potential grantee in order to (1) establish communication between the Fish and Wildlife Service and the applicant; (2) to determine the applicant's eligibility; (3) determine how well the project can compete with applications from others; and (4) eliminate any proposals which have little or no chance for Federal funding before the applicant incurs significant expenditures for preparing an application. A notice of review action will be sent to the applicant within 45 days of the receipt of the preapplication form informing the applicant of the results of the review of the preapplication form. If the review cannot be completed within 45 days, the applicant will be informed by letter as to when the review will be completed.

(b) An Application for Federal Assistance for non-construction shall be submitted by all applicants for grants, however, an Application for Federal Assistance—Short Form may be utilized for single purpose and one-time grant applications for less than $10,000 not requiring clearing house approval, an environmental impact statement, or the relocation of persons, businesses, or farms.

(c) Copies of the applications described in paragraphs (a) and (b) of this section may be obtained from the Federal Aid Coordinator, State Fish and Game Agency, and the Director, U.S. Fish and Wildlife (Attention: Division of Cooperative Research), Washington, DC 20240. An original and two copies of the appropriate application forms should be submitted to the Director at this address. In order to allow sufficient time for processing, the Federal...
§ 82.7 Assistance Application must be submitted by September 1 of the year preceding the fiscal year in which the research is contemplated. Any requests by grantees for changes, continuations, and supplements to approved grants must be submitted on the same form as the original application.

§ 82.7 Coordination with States. If the proposed project is to be conducted within the territorial limits of a state, the Secretary shall not enter into an agreement with a non-Federal interest other than a State without first consulting with the State agency.

Subpart C—Administration

§ 82.8 Prosecution of work. (a) The grantee shall pursue the agreed-upon objectives expeditiously, adhering to the procedures set forth in the Cooperative Agreement. Failure to do so or failure to provide timely and adequate reports shall be cause for the Secretary to withhold further reimbursements to the grantee until project commitments are satisfactorily met. All further disbursement of funds under the cooperative agreement may be terminated upon determination by the Secretary that satisfactory progress has not been maintained.

(b) All work shall be performed in accordance with applicable Federal, state, and local laws, including safety, health and sanitation laws, except that when state and local laws are in conflict with Federal laws or regulations, such Federal laws or regulations shall prevail.

§ 82.9 General information for the Secretary. Before any Federal funds may be obligated for any project the grantee shall furnish to the Director such information regarding the authority of the grantee to participate in the benefits of the Act, such information of the type described in FMC 74-7 Attachment G, concerning the system to be used by the grantee for the financial management of grant funds, the state laws affecting marine mammals, and such other information as the Director may request.

(a) Document signature. The Application for Federal Assistance and the Cooperative Agreement must bear the signature of an official who is legally authorized to commit the prospective grantee to expenditure of funds. The Secretary may, from time to time, request, and grantee shall furnish, information relating to the administration and maintenance of any project established under the Act.

(b) [Reserved]

§ 82.10 Payments to grantee. Payments may be requested by the grantee at intervals of not less than 30 days as work described in the cooperative agreement progresses.

§ 82.11 Forms of vouchers. Vouchers, on forms provided by the Secretary, showing amounts expended on each project, and the Federal portion claimed to be due on account thereof, shall be certified and submitted to the Director by the grantee.

§ 82.12 Permit requirements. No work shall commence on a proposal funded under the provisions of 16 U.S.C. 1380 until all appropriate State and Federal permits have been applied for and issued.

§ 82.13 Ownership of property. When property is acquired pursuant to the provisions of the Act, title to such property or interests therein shall be vested in the grantee as long as the property is used for the authorized purpose. When the property is no longer needed for such purpose, the Director and the grantee shall mutually agree regarding the assignment of title and any compensations consistent with the terms of Federal Management Circular 74-7 or other appropriate referenced Federal Management Circulars cited in §82.3 of this part.

§ 82.14 Inspection and audit. (a) Supervision of each project shall be as specified in the initial cooperative agreement and shall include adequate and continuous inspection by the grantee. The project will be subject at all reasonable times to Federal inspection. The Director and the Comptroller General of the United States, or their
§82.15 Record retention. All records of accounts, and reports, with supporting documentation there to, will be maintained by the grantee for a period of three years after submission of the final expenditure report, with the qualifications stated in FMC 74–7, Attachment C, paragraph 1.

§82.16 Reporting. Performance reports and other specified reports shall be submitted to the Secretary by the grantee in accordance with requirements prescribed by FMC 74–7 or other appropriate referenced Federal Management Circulars cited in §82.3 of this part.

§82.17 Procurement. Grantees may use their own procurement regulations which reflect applicable State and local laws, rules, and regulations, provided that procurements made with funds under the Act adhere to the standards set forth in FMC 74–7 or other appropriate referenced Federal Management Circulars cited in §82.3 of this part.

§82.18 Officials not to benefit. No member of, or delegate to, Congress, or Resident Commissioner, shall be admitted to any share or any part of an agreement, or to any benefit that may arise therefrom; but this provision shall not be construed to extend to an agreement made with a corporation for its general benefit.

§82.19 Patents and inventions. Determination of the patent rights in any inventions or discoveries resulting from work under cooperative agreements entered into pursuant to the Act shall be governed by the “Government Patent Policy,” President’s Memorandum for Heads of Executive Departments and Agencies, August 23, 1971, and statement of government patent policy as printed in 36 FR 16889.

§82.20 Civil rights. Each cooperative agreement shall be supported by a statement of assurance executed by the grantee providing that the project will be carried out in accordance with title VI, non-discrimination in federally assisted programs, of the Civil Rights Act of 1964, 42 U.S.C. 2000d–2000d–4, and with the Secretary’s regulations promulgated thereunder, 43 CFR part 17.

§82.21 Copyrights. Where research conducted under a grant issued pursuant to this part results in a book or other copyrightable material, the author or grantee, subject to the terms of the Cooperative Agreement, is encouraged to publish the work, but the Department of the Interior reserves a royalty free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use the work for Government purposes. Any publication by the grantee must bear in an appropriate place an acknowledgment of grant support under the Marine Mammal Act from the Department of the Interior. In addition, any publication must include a statement that the findings, conclusions, etc., do not necessarily represent the views of the Department of the Interior. At least two copies of any printed publications must be furnished to the U.S. Fish and Wildlife Service.
§ 83.1 Definitions.

As used in this part, the following terms mean:


(b) Conservation plan. A plan for the conservation of fish and wildlife within a State which meets the requirements set forth in this part.

(c) Designated State agency or State agency. The Commission, department, division or other agency of a State which has the primary legal authority for the conservation of fish and wildlife. If more than one agency is designated by the State to exercise such authority, the term means each such agency acting with respect to its assigned responsibilities.

(d) Director. The Director of the U.S. Fish and Wildlife Service or his/her designee.

(e) Federal Aid Manual. The publication of the U.S. Fish and Wildlife Service which contains policies, standards and procedures required for participation in the benefits of the Act.

(f) Fish and Wildlife. Wild vertebrate animals that are in an unconfined state.

(g) Nongame fish and wildlife. Fish and wildlife that:

1. Are not ordinarily taken for sport, fur, food, or commerce within the State except that any species legally taken for sport, fur, food, or commerce in some but not all parts of a State may be deemed nongame within any area where such taking is prohibited; and

2. Are not listed as endangered or threatened species under the Endangered Species Act of 1973 (16 U.S.C. 1531-1543); and

3. Are not marine mammals within the meaning of section 3(5) of the Marine Mammal Protection Act of 1972 (16 U.S.C. 1362(5)); and

4. Are not domesticated species that have reverted to a feral existence.

(h) Plan species. Any species or subspecies or ecologic association of species and subspecies which is designated to be addressed through actions set forth in an approved conservation plan.

(i) Project. A definitive proposal submitted by a State and approved by the regional director for funding under this Act.

(j) Regional Director. The regional director of the U.S. Fish and Wildlife Service or his/her designee.

(k) Secretary. The Secretary of the Interior or his/her designee.

(l) State. Any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, American Samoa, the Virgin Islands, Guam, the Trust Territories of the Pacific Islands, and the Commonwealth of the Northern Mariana Islands.

§ 83.2 Participant eligibility.

Participation is limited to designated State agencies. If a State places primary legal authority for the conservation of fish and wildlife in more than one agency, the governor or chief executive of that State shall designate the State agency which will serve to coordinate the State actions under this Act. The director of each designated State agency shall notify the regional director, in writing, of the official(s) authorized to sign Federal Aid documents and of any changes in such authorizations.

§ 83.3 Allocation of funds.

In accordance with the provisions of the Act, the allocation of funds to the
States shall take into account the area and population of each State.

(a) Area of the land and water of each State shall be as determined by the Department of Commerce and shall include the area of coastal and Great Lakes waters within each State.

(b) Population of each State shall be the most recent population estimates, as determined by the Department of Commerce.

§ 83.4 Eligible undertakings.

Funding under this Act may be approved by the regional director to carry out projects which meet the standards of substantiality as defined in §83.12 and which conform to one of the following:

(a) A proposal to implement a nongame action in lieu of an approved conservation plan. Upon a showing of need, a State may request funding under this Act before a conservation plan is approved. Such a proposal must:

(1) Be for the purpose of conserving, restoring, or otherwise benefitting nongame fish and wildlife, its habitats or its users;

(2) Comply with standards contained in the Federal Aid Manual; and

(3) Consist of work to be accomplished before October 1, 1986.

(b) A proposal to develop or maintain a conservation plan. The designated State agency may apply for funding of a project for developing a conservation plan, coordinating or consolidating a conservation plan with other plans, or maintaining a previously approved conservation plan. State costs incurred later than September 30, 1991, for the development of a conservation plan cannot be approved for funding.

(c) A proposal to implement actions described in an approved conservation plan. Such a proposal specifies and requests funding to cover one or more of the nongame actions described in the approved conservation plan.

§ 83.5 Limitations.

The following limitations shall apply to the eligibility of projects for funding under the Act:

(a) Of the total estimated costs for any project proposed under this Act, not less than 80 percent shall be for work or activities for the principal benefit of nongame fish and wildlife resources or of the public use of these resources.

(b) Upon approval of a conservation plan, all projects must be limited to actions required for implementing or revising the plan or for coordinating or consolidating the plan with other plans.

(c) Not more than 10 percent of the costs of any project which is carried out in lieu of an approved conservation plan, or which is carried out under an approved conservation plan covering only nongame fish and wildlife resources, may be derived from the sale of hunting, fishing, and trapping licenses and from penalties (including forfeitures) for violations of hunting, fishing, and trapping laws of the State.

(d) Not more than 10 percent of the estimated costs for projects to be funded shall be for law enforcement activities.

(e) Not more than 10 percent of the cost of implementing any project under this Act shall be funded by in-kind contributions from third parties.

§ 83.6 Appeals.

Any difference of opinion over the eligibility of proposed activities or differences arising over the conduct of work may be appealed to the Director. Final determinations rest with the Secretary.

§ 83.7 Availability of funds.

Funds allocated to a State under the Act are available for obligation and expenditure during the fiscal year for which they are allocated and until the close of the succeeding fiscal year. For the purpose of this section, obligation of allocated funds occurs when a project agreement is approved by the Regional Director.

§ 83.8 Submission of proposals for funding.

To make application for funds allocated under this Act, the State shall submit to the regional director an Application for Federal Assistance.

(a) Each application shall contain such information as the regional director may require to determine if the proposed activities are in accordance with the Act, the provisions of this
§ 83.9 Conservation plans.

A conservation plan submitted to the regional director for approval shall meet the requirements for substantiality set forth in §83.12(a) and the standards prescribed in the Federal Aid Manual, and shall:

(a) Identify the species of nongame fish and wildlife, and other fish and wildlife deemed appropriate by the designated State agency which are within the State and are valued for ecological, educational, aesthetic, cultural, recreational, economic, or scientific benefits by the public;

(b) Provide for inventory(ies) of the identified species (plan species) to determine:

(1) Their population size, distribution, and range; and

(2) The extent, condition, and location of their significant habitats.

(c) Identify the significant problems which may adversely affect the plan species;

(d) Determine actions which should be taken to conserve the plan species and their significant habitats. Actions proposed will seek to optimize population levels, population distributions, and human benefits while taking fully into account the effects on non-target species and user groups. The actions will utilize methods and procedures which will, to the maximum extent practicable, ensure the well-being and enhancement of the plan species;

(e) Establish priorities for implementing the actions proposed in (d);

(f) Provide for regular monitoring of the plan species and the effectiveness of the actions implemented;

(g) Provide for the review of the plan and revision, if appropriate, at intervals of not more than 3 years;

(h) Describe procedures by which inputs have been solicited from the public during plan development and by which inputs will be solicited during revision and implementation of the plan;

(i) Indicate State and Federal agencies which were consulted during plan development and which will be consulted during plan implementation. If plan implementation will entail substantive cooperation with other agencies, an agreement describing the intended cooperation and signed by the involved parties must be executed before funding is authorized.

§ 83.10 Cost sharing.

Federal and State participation in the costs incurred in completion of approved work funded by this Act shall be limited as follows:

(a) The Federal share may not exceed:

(1) Ninety percent of the costs for development of conservation plans, except after September 30, 1984, the Federal share may not exceed 75 percent of the cost for development of conservation plans, and after September 30, 1991, no reimbursement may be paid under this Act for development of a conservation plan;

(2) Seventy-five percent of the costs for implementing and revising an approved conservation plan, except the Federal share may be increased to 90 percent if two or more States have mutually agreed to cooperate in implementation projects, provided, however, that after September 30, 1991, the Federal share may not exceed 50 percent if the conservation plan covers only nongame species;

(3) Seventy-five percent of the costs incurred prior to October 1, 1986, for projects which are not covered by an approved conservation plan, except the Federal share may be increased to 90 percent if two or more States have mutually agreed to cooperate in projects.

(b) The State share of project costs:

(1) May be in the form of cash or in-kind contributions, subject to the limitations described in §83.5 and the following conditions:

(i) The allowability and valuation of in-kind contributions shall be in accordance with the provisions of OMB Circular A-102 and the policies and standards as described in the Federal Aid Manual.
(ii) Volunteers proposed by the State to provide personal services to be claimed as in-kind contributions must possess qualifications appropriate to the service to be performed. The State must attest to such qualifications of all such volunteers based on the volunteers’ training, experience or employment status, or upon an endorsement provided by a recognized institution, agency, or professional society.

(2) May not be derived from other Federal funds.

§ 83.11 Cooperation between States.

Whenever two or more States propose to cooperate in the revision of a conservation plan or in a conservation action which will result in a higher rate of Federal costsharing, such States shall describe in documentation the plan or action to be jointly undertaken. The proposed cooperation shall:

(a) Require each cooperating State to accept and carry out a substantial share of the described undertaking;

(b) Enhance the effectiveness of or reduce the total cost in accomplishing the project purpose;

(c) Be supported by a memorandum of understanding executed by the cooperating States.

§ 83.12 Project requirements.

Each project proposed for funding under the Act shall be substantial in character and design and shall be in conformance with the policies and standards contained in the Federal Aid Manual.

(a) A substantial project for plan development or plan maintenance is one which:

(1) Provides defined objectives related to completion or revision of the plan, with schedules for completion;

(2) Utilizes accepted planning techniques and appropriate procedures;

(3) Provides for public involvement;

(4) Accomplishes its purpose at a reasonable cost;

(5) Provides assurance that, upon completion of the plan, the State intends to be guided by the conservation plan being developed or maintained.

(b) A substantial project for implementation of approved conservation plans is one which:

(1) Identifies specific conservation actions contained in the plan;

(2) Identifies the objectives to be accomplished related to the needs described in the plan;

(3) Utilizes accepted conservation and management principles, sound design, and appropriate procedures.

(c) A substantial project for actions in lieu of an approved conservation plan is one which:

(1) Identifies and describes a need within the purposes of the Act;

(2) Identifies the objectives to be accomplished based on the stated need;

(3) Utilizes accepted conservation and management principles, sound design, and appropriate procedures;

(4) Will yield benefits which are pertinent to the identified need at a level commensurate with project costs.

§ 83.13 Application of funds provided under the Act.

(a) Funds provided under this Act shall be applied only to activities or purposes approved by the regional director or contained in a conservation plan approved by the regional director. If otherwise applied, such funds must be replaced by the State to maintain eligibility.

(b) Real property acquired or constructed with Federal Aid funds must continue to serve the purpose for which acquired or constructed:

(1) When such property passes from management control of the designated State agency, either the control must be fully restored to the designated State agency or the real property must be replaced using non-Federal Aid funds. Replacement property must be of equal value at current market prices and with equal or commensurate nongame fish and wildlife benefits as the original property. The State may be granted up to 3 years from the date of notification by the regional director, to acquire replacement property before becoming ineligible.

(2) When such property is used for purposes which interfere with the accomplishment of approved purposes, the violating activities must cease and any adverse effects resulting must be remedied.
§ 83.14 Allowable costs.

Allowable costs are limited to those which are necessary and reasonable for accomplishment of the approved project or action and are in accordance with the cost principles of OMB Circular A–87.

(a) All costs must be supported by source documents or other records as necessary to substantiate the application of funds. Such documentation and records are subject to review by the Secretary to determine the allowability of costs.

(b) Costs incurred prior to the effective date of the project agreement are allowable only when specifically provided for in the project agreement.

(c) Projects or facilities designated to include purposes other than those eligible under the Act shall provide for the allocation of costs among the various purposes. The method used to allocate costs shall produce an equitable distribution of costs based on the relative used or benefits provided.

§ 83.15 Payments.

Payments to the State shall be made for the Federal share of allowable costs incurred by the State in accomplishing approved projects.

(a) Requests for payments shall be submitted on forms furnished by the regional director.

(b) Payments shall be made only to the office or official specified by the designated State agency and authorized under the laws of the State to receive public funds for the State.

(c) All payments are subject to final determination of allowability based on audit. Any overpayments made to the State shall be recovered as directed by the regional director.

§ 83.16 Maintenance.

The State is responsible for maintenance of all capital improvements acquired or constructed with Federal Aid funds throughout the useful life of each improvement. Costs for such maintenance are allowable when provided for in approved projects. The maintenance of improvements acquired or constructed with non-Federal Aid funds are allowable costs when such improvements are necessary to accomplishment of project purposes as approved by the regional director, and when such costs are otherwise allowable by law.

§ 83.17 Responsibilities.

In the conduct of activities funded under the Act, the State is responsible for:

(a) The supervision of each project to ensure that it is conducted consistent with the project documents and that it provides:

(1) Proper and effective use of funds;

(2) Maintenance of project records;

(3) Timely submission of reports;

(4) Regular inspection and monitoring of work in progress.

(b) The selection and supervision of project personnel to ensure that:

(1) Adequate and competent personnel are available to carry the project through to a satisfactory and timely completion;

(2) Project personnel perform the work to ensure that time schedules are met, projected work units are accomplished, other performance objectives are achieved, and reports are submitted as required.

(c) The accountability and control of all assets to ensure that they serve the purposes for which acquired throughout their useful life.

(d) The compliance with all applicable Federal, State, and local laws.

(e) The settlement and satisfaction of all contractual and administrative issues arising out of procurement entered into.
§ 83.18 Records.

The State shall maintain current and complete financial, property and procurement records in accordance with requirements contained in the Federal Aid Manual and OMB Circular A-102.

(a) Financial, supporting documents, and all other records pertinent to a project shall be retained for a period of 3 years after submission of the final expenditure report on the project. If any litigation, claim, or audit was started before the expiration of the 3-year period, the records shall be retained until the resolution is completed. Records for nonexpendable property shall be retained for a period of 3 years following final disposition of the property.

(b) The Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, shall have access to any pertinent books, documents, papers and records of the State.

§ 83.19 Land control.

The State must control lands or waters on which capital improvements are made with Federal Aid funds. Control may be exercised through fee title, lease, easement, or agreement. Control must be adequate for protection, maintenance, and use of the improvement throughout its useful life.

§ 83.20 Assurances.

The State must agree to and certify that it will comply with all applicable Federal laws, regulations, and requirements as they relate to the application, acceptance, and use of Federal funds under the Act. The Secretary shall have the right to review or inspect for compliance at any time. Upon determination of noncompliance, the Secretary may terminate or suspend any actions or projects in noncompliance, or may declare the State ineligible for further participation in program benefits until compliance is achieved.

§ 83.21 Audits.

The State is required to conduct an audit at least every two years in accordance with the provisions of Attachment P of OMB Circular A-102. Failure to conduct audits as required may result in withholding of grant payments or such other sanctions as the Secretary may deem appropriate.

[49 FR 30074, July 26, 1984]

PART 85—CLEAN VESSEL ACT GRANT PROGRAM

Subpart A—General

Sec.
85.10 Purpose and scope.
85.11 Definitions.
85.12 Information collection, recordkeeping, and reporting requirements.

Subpart B—Application for Grants

85.20 Eligible activities.
85.21 Application procedures.
85.22 Grant proposals.

Subpart C—Grant Selection

85.30 Grant selection criteria.
85.31 Grant selection.

Subpart D—Conditions on Use/Acceleration of Funds

85.40 Cost sharing.
85.41 Allowable costs.
85.42 Real and personal property.
85.43 Signs and symbols.
85.44 Fee charges for use of facilities.
85.45 Public access to facilities and maintenance.
85.46 Survey and plan standards.
85.47 Program crediting.
85.48 Compliance with Federal laws, regulations, and policies.

AUTHORITY: 16 U.S.C. 777g(c).

SOURCE: 59 FR 11206, Mar. 10, 1994, unless otherwise noted.

Subpart A—General

§ 85.10 Purpose and scope.

The purpose of this part is to establish requirements for state participation in the Clean Vessel Act Grant Program authorized by Section 5604 of the Clean Vessel Act (Public Law 102-587, Subtitle F).

§ 85.11 Definitions.

Terms used in this part shall have the following meaning:

§ 85.11 Coastal State. A State of the United States in, or bordering on, the Atlantic, Pacific, or Arctic Ocean, the Gulf of Mexico, Long Island Sound, or one or more of the Great Lakes. The term also includes Puerto Rico, the Virgin Islands, Guam, and the Commonwealth of the Northern Mariana Islands. The term excludes Alaska and American Samoa because these States have a ratio of the number of recreational vessels in the State numbered under chapter 123 of title 46, United States Code, to number of miles of shoreline (as that term is defined in §926.2(d) of title 15, Code of Federal Regulations, as in effect on January 1, 1991), of less than one.

Costal waters. In the Great Lakes area, the waters within the territorial jurisdiction of the United States consisting of the Great lakes, their connecting waters, harbors, roadsteads, and estuary-type areas such as bays, shallows, and marshes. In other areas, those waters, adjacent to the shorelines, which contain a measurable percentage of sea water, including sounds, bays, lagoons, bayous, ponds, and estuaries.

Coastal zone. Coastal zone has the same meaning that the term has in section 304(1) of the Coastal Zone Management Act of 1992 (16 U.S.C. 1453(1)). The coastal zone consists of coastal waters (including the lands therein and thereunder) and the adjacent shorelands, including islands, transitional and intertidal areas, salt marshes, wetlands, and beaches. The zone extends, in Great Lakes waters, to the international boundary between the United States and Canada and, in other areas, seaward to the outer limit of the United States territorial sea. The zone extends inland from the shorelines only to the extent necessary to control shorelands and protect coastal waters.

Construction. Activities which produce new capital improvements and increase the value of usefulness of existing property.

Dump station. A facility specifically designed to receive sewage from portable toilets carried on vessels. Dump stations do not include lavatories or restrooms.

Education/information. The education/information program, as identified in the technical guidelines as published in the Federal Register, designed to make recreational boaters aware of the environmental pollution problem resulting from sewage discharges from vessels and inform them of the location of pumpout and dump stations.

Eligible applicant. An agency of a State designated by the Governor.

Equitable fees. The maximum charge per pumpout is $5.00. Price modifications and discounts are subject to State/Federal laws concerning pricing.

Facility. A pumpout station or dump station.

Facility open to the public. (1) A Clean Vessel Act facility that is open and available to the public is one where the public has full and reasonable access to the pumpout/dump station, including:

(i) Provision of signage visible from the water to direct boaters to pumpout/dump stations;

(ii) Location of pumpouts to facilitate ease of use by all boats typical to that particular marina;

(iii) Equitable fees; and

(iv) Reasonable open periods.

(2) To be eligible for funding under this program, both public and private facilities must be open to the public.

Grant. An award of financial assistance, including cooperative agreements, in the form of money, or property in lieu of money, by the Federal Government to an eligible grantee.

Inland State. A State which is not a coastal State. The District of Columbia, American Samoa and Alaska are included as inland States (Rationale for Samoa and Alaska being inland States can be found in §85.11(b) above).

Maintenance. Those activities necessary for upkeep of a facility. These are activities that allow the facility to function and include routine recurring custodial maintenance such as housekeeping and minor repairs as well as the supplies, materials, and tools necessary to carry out the work. Also included is non-routine cyclical maintenance to keep facilities fully functional.

Operation. Those activities necessary for the functioning of a facility to produce desired results. These are activities that make the facility work.

Plans. Those plans identified in the technical guidelines as published in the
§ 85.20 Eligible activities.

(a) Eligible grant activities—coastal States:

(1) Eligible activities include identification in the coastal zone of all operational pumpout and dump stations, and surveys of recreational vessels in coastal waters with holding tanks or portable toilets, and the areas where those vessels congregate. Any equipment for installation on board a vessel which is specifically designed to receive, retain, and discharge sewage.


§ 85.12 Information collection, recordkeeping, and reporting requirements.

(a) The information collection requirements for this grant program, except for surveys, are those necessary to comply with 43 CFR 12 which include a narrative statement as identified in 85.22 Grant Proposals. The collection of survey information contained in this rule was approved by the Office of Management and Budget as required by 44 U.S.C. 3501 et seq., October 18, 1993, OMB No. 1018-0086, expiration date September 30, 1996.

(b) Record keeping requirements include the tracking of costs and accomplishments related to the grant as required by 43 CFR 12.60, monitoring and reporting program performance (43 CFR 12.80), and financial reporting (43 CFR 12.81).

(c) Reporting requirements include retention and access requirements as required by 43 CFR 12.82.

Subpart B—Application for Grants

§ 85.20 Eligible activities.

(a) Eligible grant activities—coastal States:

(1) Eligible activities include identification in the coastal zone of all operational pumpout and dump stations, and surveys of recreational vessels in coastal waters with holding tanks or portable toilets, and the areas where those vessels congregate. Also eligible are costs of developing a list, including chart coordinates, of all operational pumpout and dump stations in the coastal zone of the State, for submission to the Fish and Wildlife Service.

(2) Plans for construction and renovation of pumpout and dump stations in the coastal zone of the State necessary to ensure that these stations are
§ 85.21 Application procedures.

(a) Eligible applicants will submit their proposals to the appropriate Regional Office of the U.S. Fish and Wildlife Service. Coastal States submitting proposals for both the coastal zone and the inland portion of their States, must submit two separate proposals. The Regional Office addresses follow:

Region 1 States Include—American Samoa, California, Commonwealth of the Northern Mariana Islands, Guam, Hawaii, Idaho, Nevada, Oregon, and Washington

Division of Federal Aid, U.S. Fish and Wildlife Service, Eastside Federal Complex, 911 NE 13th Avenue, Portland, Oregon 97232-4181, (503) 231-6128

Region 2 States Include—Arizona, New Mexico, Oklahoma, and Texas

Division of Federal Aid, U.S. Fish and Wildlife Service, P.O. Box 1306, 500 Gold Avenue SW., Albuquerque, New Mexico 87103, (505) 766-2055

Region 3 States Include—Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, and Wisconsin

Division of Federal Aid, U.S. Fish and Wildlife Service, Bishop Henry Whipple Federal Building, 1 Federal Drive, Fort Snelling, Minnesota 55111-4056, (612) 725-3596

Region 4 States Include—Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, and the Virgin Islands

Division of Federal Aid, U.S. Fish and Wildlife Service, 1875 Century Boulevard, Suite 324, Atlanta, Georgia 30345, (404) 679-4130

Region 5 States Include—Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, and West Virginia

Division of Federal Aid, U.S. Fish and Wildlife Service, Bishop Henry Whipple Federal Building, 1 Federal Drive, Fort Snelling, Minnesota 55111-4056, (612) 725-3596

Region 6 States Include—Colorado, Kansas, Montana, North Dakota, Nebraska, South Dakota, Utah, and Wyoming

Division of Federal Aid, U.S. Fish and Wildlife Service, 134 Federal Building, P.O. Box 25486, Denver, Colorado 80225

Region 7 State Includes—Alaska

Division of Federal Aid, U.S. Fish and Wildlife Service, 1011 East Tudor Road, Anchorage, Alaska 99503, (907) 786-3435

Region 8 States Include—Arizona, New Mexico, Oklahoma, and Texas

Division of Federal Aid, U.S. Fish and Wildlife Service, P.O. Box 1306, 500 Gold Avenue SW., Albuquerque, New Mexico 87103, (505) 766-2055

(b) Proposals will be accepted for FY 1995 funds ($7.05 million) between the effective date and April 29, 1994. For FY 1996 and FY 1997, proposals will be due by May 1 of the year preceding that fiscal year (e.g., May 1, 1995 for FY 1996).


§ 85.22 Grant proposals.

Grant proposals will consist of a narrative which identifies and describes the following:
(a) The need within the purposes of the Act (Coastal States with approved plans should indicate how the activities contained in the proposal implements the plan);

(b) Discrete objective(s) to be accomplished during a specified time period that address the need(s);

(c) Expected results or benefits from accomplishing the objectives, including the numbers of recreational vessels and people served;

(d) The approach to be used in meeting the objectives, including specific procedures, schedules, key personnel, cooperators, grant location, innovative approaches, public/private partnerships, education, sensitive waters, public access, and estimated costs;

(e) Amount and source of matching funds; and,

(f) Fees for use of facility.

**Subpart C—Grant Selection**

§ 85.30 Grant selection criteria.

The Director shall give priority consideration to grant proposals that meet the criteria listed in Subsections a-h and in the accompanying chart:

(a) In coastal States that have no survey or plan, proposals to complete such survey and plan;

(b) Proposals for constructing and renovating pumpout and dump stations without an approved plan;

(c) In coastal States, proposals for constructing and renovating pumpout and dump stations in accordance with a coastal State’s plan approved under section 5603(c) of the Clean Vessel Act, and for inland States, proposals for constructing and renovating pumpout and dump stations in accordance with an inland State’s plan;

(d) Proposals that provide for public/private partnership efforts to develop and operate pumpout and dump stations;

(e) Proposals for innovative ways to increase the availability and use of pumpout and dump stations, e.g., where private parties put in more than the minimum amount;

(f) Proposals that include an education/information component, or the State has an active, ongoing education program;

(g) Proposals that benefit the waters most likely to be affected by the discharge of sewage from vessels, including the waters as defined in the technical guidelines as published in the Federal Register; and,

(h) Proposals in areas with high vessel/pumpout or dump station ratios.

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Points</th>
<th>Coastal state</th>
<th>Inland state</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Do a survey/plan</td>
<td>50</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>b. Construct w/o plan</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>c. Construct with plan</td>
<td>20</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>d. Partnership</td>
<td>10</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>e. Innovative approach</td>
<td>5</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>f. Education</td>
<td>5</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>g. Sensitive area</td>
<td>5</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>h. Low pumpout ratio</td>
<td>5</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>59</td>
<td>59</td>
<td></td>
</tr>
</tbody>
</table>

§ 85.31 Grant selection.

The Fish and Wildlife Service, Division of Federal Aid, will convene a ranking panel of Federal employees, to include representatives from the Service’s Washington Office of the Division of Federal Aid, the National Oceanic and Atmospheric Administration, the Environmental Protection Agency, and the U.S. Coast Guard, to review, rank, and make funding recommendations to the Director of the Fish and Wildlife Service. The Director will make the selection of eligible grants by August 1, annually. Upon selection of a proposal the appropriate Regional Office will advise the successful applicant of additional documentation requirements.

**Subpart D—Conditions on Use/Acceptance of Funds**

§ 85.40 Cost sharing.

(a) The Federal share shall not exceed 75% of total costs approved in the grant agreement.

(b) The provisions of 43 CFR 12.64 apply to cost sharing or matching requirements. Third party in-kind contributions must be necessary and reasonable to accomplish grant objectives and represent the current market value of noncash contributions furnished as part of the grant by another public...
§ 85.41 Allowable costs.

(a) Allowable grant costs are limited to those costs that are necessary and reasonable for accomplishment of approved grant objectives and meet the applicable Federal cost principles in 43 CFR 12.60(b). Purchase of informational signs, program signs, and symbols designating pumpout and dump stations, are allowable costs.

(b) Grants or facilities designed to include purposes other than those eligible under the Act shall have the costs prorated equitably among the various purposes. Grant funds shall only be used for the part of the activity related to the Clean Vessel Act.

(c) Costs incurred prior to the effective date of the grant agreement are not allowable with the exception that preliminary costs are allowed only with the approval of the appropriate Regional Director. Preliminary costs may include such items as feasibility surveys, engineering design, biological reconnaissance, appraisals, or preparation of grant documents such as environmental assessments for compliance with the National Environmental Policy Act.

§ 85.42 Real and personal property.

(a) Applicable regulations regarding acquisition, property records, maintenance, and disposal of real property and equipment are found in 43 CFR 12.71 and 12.72. If questions arise regarding applicability, the appropriate Regional Office should be contacted.

(b) A State shall ensure that design and installation of the facilities are in accordance with the technical standards identified in the technical guidelines as published in the Federal Register.

(c) The State must ensure that facilities are operated and maintained, and that structures or related assets are used for the stated grant purpose.

§ 85.43 Signs and symbols.

(a) Signs. Facilities must display appropriate information signs at pumpout and portable toilet dump stations. Such information should indicate fees, restrictions, hours of operation, operating instructions, a contact name and 1-800-ASK-FISH telephone number for boaters to get additional information or to report an inoperable facility.

(b) Pumpout symbol. (1) At appropriate times, to increase public awareness of the Clean Vessel Act Pumpout Grant Program, use a pumpout symbol according to Service specifications. Use the pumpout symbol as follows:

(i) As a sign at the entrance to a marina advertising the presence of a pumpout and/or portable toilet dump station;

(ii) As a directional sign within a marina;

(iii) As a sign at a pumpout and/or portable toilet dump station;

(iv) As a symbol on educational and informational material; and

(v) For other uses as appropriate to advance the purposes of the Clean Vessel Act.

(2) To avoid confusion with having two symbols, use the selected symbol both for pumpout stations and portable dump stations. The Service encourages the use of this symbol as it is not copyrighted. The NOAA NOS magenta “P” within a magenta circle will continue to be used on nautical charts to identify the location of pumpout and portable toilet dump stations. NOAA will include information about the selected pumpout symbol in the U.S. Coast Pilots, a supplement to the charts, to relate this symbol to the NOAA Nautical Chart magenta “P” and circle.

(3) All recipients identified in §85.11 should display the appropriate pumpout symbol on facilities, such as pumpout and portable toilet dump stations, or on printed material or other visual representations relating to project accomplishments or education/information, and should encourage others to do so. Sub-recipients also should display the symbol and should encourage use by others for the purposes stated in this paragraph (b)(3).

(4) The Service encourages other persons or organizations, such as marinas with pumpout stations not constructed with Clean Vessel Act funds, to use the symbol to advance the purposes of the Clean Vessel Act program.
(5) The following specifications shall apply: The symbol is black, the background is white, and the border is international orange. There is no standard for the black and white, but use black and white colors, not shades. The standards for the international orange color is as follows: For day boards (signs), use retroreflective international orange film. For paint, use international orange conforming to FED-STD 595B, chip number 12197 in daylight conditions. For inks, use Pantone Matching System color chart 179C. In order to ensure visibility after dark, use reflectorized film or paint, and/or artificial illumination. Pumpout symbol technical specifications to construct signs and for other purposes are available upon request.

(6) The following rules govern the graphic reproduction of the symbol:
   (i) Do not use a smaller than legible symbol.
   (ii) If you reduce or enlarge the symbol, maintain the same proportions.
   (iii) Do not obscure the symbol by overprinting.
   (iv) Do not place the symbol where it will be split by unlike backgrounds.
   (v) Do not place the symbol on a background that is highly textured or patterned.
   (vi) When appropriate, for economical reasons, depict the symbol in one-color (black) with a white background, rather than two-color (international orange and black) with white background.

(7) The pumpout symbol follows:

(c) Qualifying signs. (i) In conjunction with the symbol, you may use other qualifying signs below the symbol, either on the same sign or on a separate sign.
   (ii) You may place the message “P PUMP OUT”, “P PUMPOUT STATION”, “P PORTABLE TOILET DUMP STATION”, or other appropriate qualifier, beneath the symbol. Place the magenta-colored “P” and circle in front of the message to relate the pumpout symbol to the NOAA NOS
§ 85.43

nautical charts. Messages may be appropriate for several years until the symbol is understood without the message. When appropriate, substitute a black “P” and circle for economical reasons.

(i) You may place directional arrows beneath the symbol to indicate the direction of pumpout or portable toilet dump station facilities.

(2) The following specifications shall apply: Symbols, such as directional arrows, and letters, are black, and the background is white. For using inks to create the magenta color, use PMS color chart 259U. Letters and black and white colors shall follow the Federal Highway Administration’s Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD), FHWA, 1988. The Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, provides for sale copies of the 1988 MUTCD, including Revision No. 3, dated September 3, 1993, Stock No. 050-001-00308-2.

(3) The same rules governing the graphic reproduction of the pumpout symbol, as described in paragraph (b)(6) of this section, shall apply to qualifying signs.

(d) Pumpout slogan. (1) Use the pumpout slogan according to Service specifications to help increase boater awareness of the need to use pumpout and dump stations to properly dispose of their boat sewage. Use the slogan in conjunction with the pumpout symbol, on educational/informational material, and for other uses as appropriate to advance the purposes of the Clean Vessel Act. The slogan is not copyrighted, and the Service encourages its appropriate use.

(2) All recipients identified in §85.11 should display the pumpout slogan on facilities, such as pumpout and portable toilet dump stations as appropriate, and on printed material or other visual representations relating to project accomplishments or education/information, and should encourage others to do so. Sub-recipients should display the slogan for purposes as stated above and should encourage others to do so.

(3) The Service encourages other persons or organizations, such as marinas with pumpout stations not constructed with Clean Vessel Act funds, to use the slogan to advance the purposes of the Clean Vessel Act program.

(4) The following specifications shall apply: Letters are black and background is white. The same reference under specifications for Qualifying Signs in paragraph (c)(2) of this section shall apply.

(5) The same rules governing the graphic reproduction of the pumpout symbol, as described in paragraph (b)(6) of this section, shall apply to the pumpout slogan.

(e) All information signs, pumpout symbol, qualifying signs, and pumpout slogan identified in this section and the crediting logo identified in §85.47, inform and educate boaters. Therefore, use the signs, symbol, slogan and logo as appropriate. For instance, a sign on the water directing boaters to a pumpout may only need the pumpout symbol, and a qualifying sign beneath, e.g., an arrow, and possibly the words “PUMPOUT STATION”. For pumpout and dump stations, the pumpout symbol, slogan, information signs, including all information in paragraph (a) of this section, and the crediting and State logo may be appropriate. If desirable, add qualifying signs. Position a legible sign, symbol and logo either on the pumpout/dump station, on a separate sign, or both, for the greatest effect in informing and educating boaters. For other products such as print and video public service announcements, brochures, etc., the placement of symbols, etc., depends on space availability. The following order of priority dictates the order of use under limited space conditions: the pumpout symbol, slogan, 1-800-ASK-FISH telephone number and Sport Fish Restoration crediting logo. Add other information as appropriate. Use judgement when placing information on signs so as not to confuse the reader. Display the symbol, logo, slogan and information signs in the appropriate locations. To reduce wind drag when bolting signs on pilings, it was found helpful in the Northeast to make signs taller than wider.
Symbol or logo size may vary. However, if you reduce or enlarge the symbol, maintain the same proportions.


§ 85.44 Fee charges for use of facilities.

A maximum of a $5.00 fee may be charged, with no justification, for use of pumpout facilities constructed, operated or maintained with grant funds. If higher fees are charged, they must be justified before the proposal can be approved. Such proceeds shall be retained, accounted for, and used by the operator to defray operation and maintenance costs as long as the facility is needed and it serves its intended purpose. The maximum fee shall be evaluated for inflation, etc., each year.

§ 85.45 Public access to facilities and maintenance.

All recreational vessels must have access to pumpout and dump stations funded under this grant program. Facilities shall be operated, maintained, and continue to be reasonably accessible to all recreational vessels for the full period of their useful life.

§ 85.46 Survey and plan standards.

(a) Survey standards. (1) Surveys should be conducted according to the technical guidelines as published in the Federal Register.

(2) Surveys may be conducted Statewide, if necessary, to obtain information on boats using the coastal zone.

(b) Plan standards. Plans should be developed according to the technical guidelines as published in the Federal Register.

§ 85.47 Program crediting.

(a) Crediting logo. As the source of funding for Clean Vessel Act facilities, the Sport Fish Restoration program should get credit through use of the Sport Fish Restoration logo. Grant recipients may use the crediting logo identified in 50 CFR 80.26 to identify projects funded by the Clean Vessel Act. The Sport Fish Restoration logo follows:
(b) Recipient logo display. Grant recipients are authorized to display the Sport Fish Restoration logo. Section 85.11 identifies recipients eligible to display the appropriate logo according to 50 CFR 80.26. Display includes on pumpout and portable toilet dump stations that grantees acquire, develop, operate or maintain by these grants, or on printed material or other visual representations relating to project accomplishments or education/information. Display the logo in the appropriate location, according to §85.43(e). Symbol or logo size may vary. However, if your reduce or enlarge the symbol, maintain the same proportions. Recipients may require sub-recipients to display the logo.

(c) Other display of logo. Other persons or organizations may use the logo for purposes related to the Federal Aid Clean Vessel Act program as authorized in 50 CFR 80.26.

(d) Crediting language. Suggested examples of language to use when crediting the Clean Vessel Act follow:

(1) Example 1. The Sport Fish Restoration Program funded this pumpout facility through your purchase of fishing equipment and motorboat fuels.

(2) Example 2. The Sport Fish Restoration Program funded this construction through your purchase of fishing equipment and motorboat fuels.

(3) Example 3. The Sport Fish Restoration Program funded the production of this pamphlet through your purchase of fishing equipment and motorboat fuels.

(e) Logo colors. Option 1 in paragraph (e)(1) of this section describes the preferred logo colors. Use Options 2 or 3 in paragraph (e)(2) or (e)(3) of this section when necessary or to reduce costs. Do not attempt to match these Pantone Matching Systems (PMS) colors with combinations of screened process colors.

(1) Option 1. When printed 100 percent on a white background, use PMS 348.

(2) Option 2. When using four-color process printing, print the symbol in 100 percent black on a white background.

(3) Option 3. When it is not possible to follow the specifications of Options 1 or 2 in paragraph (e)(1) or (e)(2) of this section, print the logo in any 100 percent solid dark color on a contrasting light background.


§ 85.48 Compliance with Federal laws, regulations, and policies.

(a) In accepting Federal funds, State representatives must agree to and certify compliance with all applicable Federal laws, regulations, and policies. This is done by submitting an assurances statement that describes the compliance requirements for Federal grants.

(b) Compliance with environmental and other laws, as defined in Service Manual 523 FW Chapter 1, may require additional documentation. Consult with Regional Offices for specific applicability.

(c) For method of payment, refer to 43 CFR part 12, 31 CFR part 205, and any other regulations referenced in these parts.
PART 90—FEEDING DEPREDATING MIGRATORY WATERFOWL

Subpart A—Introduction

Sec.
90.1 General.
90.2 Scope of regulations.

Subpart B—Use of Surplus Grain

90.11 Statutory provisions.
90.12 Interpretation.
90.13 Policy.
90.14 Waterfowl depredation complaints; where filed.
90.15 Criteria to govern approval of applications.
90.16 Actions following investigation.
90.17 Compliance with other regulations.


Source: 38 FR 6675, Mar. 12, 1973, unless otherwise noted.

Subpart A—Introduction

§ 90.1 General.
Any person having an interest in a crop and who is suffering damage due to depredations by migratory waterfowl may file a complaint and apply for surplus grain for use in feeding programs to augment the natural source of food available to migratory waterfowl to aid in the prevention of crop damage by such birds, as provided for in these regulations.

§ 90.2 Scope of regulations.

Subpart B—Use of Surplus Grain

§ 90.11 Statutory provisions.

Section 1 of the Act of July 3, 1956, as amended (70 Stat. 492, 7 U.S.C. 442-445) provides that the Commodity Credit Corporation shall make available to the Secretary of the Interior such wheat, corn, or other grains, acquired through price support operations and certified by the Corporation to be available for purposes of the Act or in such condition through spoilage or deterioration as not to be desirable for human consumption, as the Secretary shall requisition for the purpose of preventing crop damage by migratory waterfowl. Section 2 of the Act provides that, upon a finding that any area in the United States is threatened with damage to farmers’ crops by migratory waterfowl, the Secretary is authorized and directed to requisition from the Commodity Credit Corporation and to make available to Federal, State, or local governmental bodies or officials, or to private organizations or persons, such grain acquired by the Corporation through price support operations in such quantities and subject to such regulations as the Secretary determines will most effectively lure migratory waterfowl away from crop depredations and at the same time not expose such migratory waterfowl to shooting over areas to which the waterfowl have been lured by such feeding programs.

§ 90.12 Interpretation.
The authorization contained in the Act limits the availability of grain acquired through price support operations to the prevention of crop damage by migratory waterfowl (brant, wild ducks, geese, and swans) and such grain may not be made available for the feeding of any other species of migratory birds, whether or not such other species of migratory birds are committing or threatening to commit crop damage. Further, the Act does not authorize the use of such grain to conduct a migratory waterfowl feeding program for the purpose of augmenting natural sources of food available to migratory waterfowl, nor for any purpose incident to migratory waterfowl management not related to the prevention of crop damage. Accordingly, such grain shall not be made available pursuant to the Act to augment or to substitute for natural sources of migratory waterfowl food except as may be determined by the Secretary to be necessary to aid in the prevention of crop damage by such birds.
§ 90.13 Policy.

Whenever it is found necessary to conduct feeding programs under this section for the purposes of preventing crop damage by migratory waterfowl, it shall be the policy of the Secretary for the purposes of economy and efficiency to accord preference to feeding programs proposed to be executed through the placement of grain upon wildlife management areas or other lands or waters owned, leased, or otherwise controlled by an agency of the United States or a State.

§ 90.14 Waterfowl depredation complaints; where filed.

Any person having an interest in crops being damaged or threatened with damage by migratory waterfowl in circumstances meeting the criteria prescribed in § 90.15 may make application for grain for use in luring such waterfowl away from such crops by submitting a written request to the Regional Director of the U.S. Fish and Wildlife Service regional office having administrative jurisdiction over the wildlife activities in the State where the affected crops are located. (See § 2.2 for geographical jurisdiction and addresses of regional offices.) Such applications may be in letter form but must contain information disclosing the location, nature, condition and extent of the crops being damaged or threatened, and the particular species of migratory waterfowl committing or threatening to commit damage. For the purposes of this section any authorized official of Federal, State, or local governmental body shall be deemed to be a “person” and to have such an interest in crops threatened with damages as to qualify him as an applicant.

§ 90.15 Criteria to govern approval of applications.

Upon receipt of a written application for such grain for use in preventing crop depredations, the Regional Director shall promptly cause an investigation to be made, when necessary, to determine whether the applicant is in fact entitled to have such grain made available for such purposes. Whenever feasible the required investigation shall be made jointly by a representative of the game department of the State in which the affected crops are located and a representative of the Regional Director. When conducting such investigations, each of the factors set forth in paragraphs (a) to (d) of this section shall be considered separately. An application for grain shall not be approved if it is determined that one or more of these factors minimizes the extent of crop damage or provides another effective method of preventing the complained of damage.

(a) The migratory waterfowl committing or threatening to commit crop damage must be predominantly of a species which are susceptible of being effectively lured away from the crops by the use of such grain.

(b) The crop damage or threatened crop damage must be substantial in nature (when measured by the extent and potential value of the crops involved and the number of birds threatening damage); and must affect growing crops or mature unharvested crops that are in such condition as to be marketable or have value as feed for livestock or other purposes of material value to the applicant.

(c) It must be shown that the damage or threat of damage cannot be abated through the exercise of any of the privileges granted in permits authorized by this chapter I to frighten or otherwise herd migratory waterfowl away from affected crops.

(d) During an open hunting season, it must be shown that the area affected by crop damage has been and is now open to public hunting and there has been a clear demonstration that such hunting is ineffective, and cannot be made effective, to prevent crop damage on such area.

§ 90.16 Actions following investigation.

Upon receipt of a report and recommendations based upon an investigation conducted under § 90.15, the Secretary shall make a determination that the applicant meets the qualifications for receiving grain. He shall then determine the quantity of grain, either bagged or in bulk, to be made available; the means of transportation; and the point of delivery in the vicinity of the crop damage. Before receiving delivery of such grain the applicant shall...
execute and deliver to any officer authorized to enforce this part written assurances as follows:

(a) That grain made available to him under this part will be used exclusively for the prevention and abatement of crop damage by migratory waterfowl and that no portion of such grain will be sold, donated, exchanged, or used as feed for livestock or other domestic animals or for any other purpose;

(b) That consent is granted to any officer authorized to enforce this part, to inspect, supervise or direct the placement and distribution of grain made available under this part for the prevention of crop damage at all reasonable times;

(c) That free and unrestricted access over the premises on which feeding operations have been or are to be conducted shall be permitted at all reasonable times, by any officer authorized to enforce this part and that such information as may be required by the officer will be promptly furnished; and

(d) That the applicant will not take, nor permit his agents, employees, invitees, or other persons under his control to take migratory game birds on or over any lands or waters subject to his control, during the time such grain is placed, exposed, deposited, distributed, scattered, or present upon such lands or waters, nor for a period of 10 days immediately following the consumption or removal of such grain from such lands or waters.

§ 90.17 Compliance with other regulations.

Nothing in this subpart shall be construed to supersede or modify any regulations relating to the hunting of migratory game birds, nor to permit the transportation, installation or use of grain contrary to any applicable Federal, State, or local laws or regulations.

PART 91—MIGRATORY BIRD HUNTING AND CONSERVATION STAMP CONTEST

Subpart A—Introduction

Sec.
91.1 Purpose of regulations.
91.2 Definitions.
91.3 Public attendance at contest.

§ 91.2 Eligible species.

Subpart B—Procedures for Entering the Contest

91.11 Contest deadlines.
91.12 Contest eligibility.
91.13 Technical requirements for design and submission of entry.
91.14 Restrictions on subject matter to entry.
91.15 Suitability of entry for engraving.
91.16 Submission procedures for entry.
91.17 Property insurance for entries.
91.18 Failure to comply with contest regulations.

Subpart C—Procedures for Administering the Contest

91.21 Selection and qualification of contest judges.
91.22 Display of entries for contest.
91.23 Scoring criteria for contest.
91.24 Contest procedures.

Subpart D—Post-Contest Procedures

91.31 Return of entries after contest.


SOURCE: 53 FR 16344, May 6, 1988, unless otherwise noted.

§ 91.1 Purpose of regulations.

(a) The purpose of these regulations is to establish procedures for selecting a design that will be used for the annual Migratory Bird Hunting and Conservation Stamp (Federal Duck Stamp).

(b) All individuals entering the contest must comply with these regulations. A copy of the regulations along with the Reproduction Rights and Display and Participation Agreements may be requested from the Federal Duck Stamp Office, U.S. Fish and Wildlife Service, Department of the Interior, Washington, DC 20240.

(c) All contestants from the most recent contest will be sent a copy of the regulations, the Display and Participation Agreement, and the Reproduction Rights Agreement.

[56 FR 22815, May 16, 1991]

§ 91.2 Definitions.

Contest Coordinator— the contest official responsible for overseeing the
§ 91.3 Public attendance at contest.

All phases of the voting process will be open for viewing by the general public.

§ 91.4 Eligible species.

Five or fewer of the species listed below will be identified as eligible each year; those eligible species will be provided to each contestant with the information provided in § 91.1.

(a) Whistling-Ducks. (1) Fulvous Whistling-Duck (Dendrocygna bicolor)
(2) Black-bellied Whistling-Duck (Dendrocygna autumnalis)
(b) Swans. (1) Trumpeter Swan (Cygnus buccinator)
(2) Tundra Swan (Cygnus columbianus)
(c) Geese. (1) Greater White-fronted Goose (Anser albifrons)
(2) Snow Goose (including bluephase) (Chen caerulescens)
(3) Ross’ Goose (Chen rossii)
(4) Emperor Goose (Chen canagica)
(5) Canada Goose (Branta canadensis)
(d) Brant. (1) Brant (Branta bernicla)
(e) Dabbling Ducks. (1) Wood Duck (Aix sponsa)
(2) American Widgeon (Anas americana)
(3) Gadwall (Anas strepera)
(4) American Green-winged Teal (Anas crecca carolinensis)
(5) Mallard (Anas platyrhynchos)
(6) Mottled Duck (Anas fulvigula)
(7) American Black Duck (Anas rubripes)
(8) Northern Pintail (Anas acuta)
(9) Blue-winged Teal (Anas discors)
(10) Cinnamon Teal (Anas cyanoptera)
(11) Northern Shoveler (Anas clypeata)
(f) Diving Ducks. (1) Canvasback (Aythya valisineria)
(2) Redhead (Aythya americana)
(3) Ring-necked Duck (Aythya collaris)
(4) Greater Scaup (Aythya marila)
(5) Lesser Scaup (Aythya affinis)
(g) Sea-Ducks. (1) Common Eider (Somateria mollissima)
(2) King Eider (Somateria spectabilis)
(3) Spectacled Eider (Somateria fischeri)
(4) Steller’s Eider (Polysticta stelleri)
(5) Harlequin Duck (Histrionicus histrionicus)
(6) Oldsquaw (Clangula hyemalis)
(7) Black Scoter (Melanitta nigra)
(8) Surf Scoter (Melanitta perspicillata)
(9) White-winged Scoter (Melanitta fusca)
(10) Bufflehead (Bucephala albeola)
(11) Barrow’s Goldeneye (Bucephala islandica)
(12) Common Goldeneye (Bucephala clangula)
(h) Mergansers. (1) Hooded Mergansers (Lophodytes clypeata)
(2) Red-breasted Merganser (Mergus serrator)
(3) Common Merganser (Mergus merganser)
(1) Stiff Tails. (1) Ruddy Duck (Oxyura jamaicensis)

[53 FR 16344, May 6, 1988, as amended at 56 FR 22815, May 16, 1991]

Subpart B—Procedures for Entering the Contest

§ 91.11 Contest deadlines.

(a) The contest will officially open on July 1 of each year.
(b) Entries must be postmarked no later than midnight, September 15.

§ 91.12 Contest eligibility.
United States citizens, nationals, or resident aliens are eligible to participate in the contest. Any person who has won the contest during the preceding three years will be ineligible to submit an entry in the current year’s contest. All entrants must be 18 years of age as of July 1 to participate in the Federal Duck Stamp Contest. Contest judges and their relatives are ineligible to submit an entry. All entrants must submit a non-refundable fee of $100.00 by a cashier’s check, certified check, or money order made payable to U.S. Fish and Wildlife Service. Personal checks will not be accepted. All entrants must submit signed Reproduction Rights and Display and Participation Agreements.
[61 FR 25155, May 20, 1996]

§ 91.13 Technical requirements for design and submission of entry.
The design must be a horizontal drawing or painting seven (7) inches high and ten (10) inches wide. The entry may be drawn in any medium desired by the contestant and may be in either multicolor or black and white. No scrollwork, lettering, bird band numbers, signatures or initials may appear on the design. Each entry must be matted (over only) with a nine (9) inch by twelve (12) inch white mat, one (1) inch wide, and the entire entry cannot exceed one quarter (¼) inch in total thickness. Entries must not be framed, under glass, or have a protective covering that is attached to the entry.

§ 91.14 Restrictions on subject matter to entry.
A live portrayal of any bird(s) of the five or fewer identified eligible species must be the DOMINANT feature of the design. The design may depict more than one of the eligible species. Designs may include, but are not limited to, hunting scenes, use of waterfowl decoys, National Wildlife Refuges as the background of habitat scenes, and other designs that depict the sporting, conservation, stamp collecting and other uses of the stamp. The overall mandate will be to select the best design that will make an interesting, useful and attractive duck stamp that will be accepted and prized by hunters, stamp collectors, conservationists, and others. The design must be the contestant’s original “hand drawn” creation. The entry design may not be copied or duplicated from previously published art, including photographs. Photographs, computer-generated art, art produced from a computer printer or other computer/mechanical output device (airbrush method excepted) are not eligible to be entered into the contest and will be disqualified. An entry submitted in a prior contest that was not selected for the Federal or a state stamp design may be submitted in the current contest if it meets the above criteria.

§ 91.15 Suitability of entry for engraving.
All entries should be drawn with fullest attention to clarity of detail and the relationship of tonal values. These prerequisites are important to interpret pictorial elements to hand engraving for printing, as they determine the engraved line techniques and direction. The engraver relies on the accuracy of the artist’s work for successful interpretation. The engraver is primarily responsible for line interpretation and discipline, creating the miniature image of bird(s) appearing on the stamp.
[56 FR 22815, May 16, 1991]

§ 91.16 Submission procedures for entry.
(a) Each contestant may submit only one entry. Each entry must be accompanied by a non-refundable entrance fee and a completed and signed Reproduction Rights Agreement and a completed and signed Display and Participation Agreement. The bottom portion of the Reproduction Rights Agreement must be attached to the back of the entry.
§ 91.17 Property insurance for entries.
Each contestant is responsible for obtaining adequate insurance coverage for his/her entry. The Department of the Interior will not insure the entries it receives nor is it responsible for loss or damage unless it is caused by its negligence or willful misconduct. In any event, the liability of the Department of the Interior will not exceed the amount of the entry fee as specified in § 91.12.

§ 91.18 Failure to comply with contest regulations.
Any entry that does not comply with the requirements of subpart B will be disqualified from the contest.

Subpart C—Procedures for Administering the Contest

§ 91.21 Selection and qualification of contest judges.
(a) Selection. Five voting judges and one alternate judge will be selected annually by the Secretary of the Interior. Current employees of the Fish and Wildlife Service and their relatives are ineligible to serve as judges for the contest. The judges will be reimbursed for reasonable travel expenses. The judges will be announced on the first day of the contest.

(b) Qualifications. The panel of five judges will be made up of individuals, all of whom have one or more of the following prerequisites: recognized art credentials, knowledge of the anatomical makeup and the natural habitat of the eligible waterfowl species, an understanding of the wildlife sporting world in which the Duck Stamp is used, an awareness of philately and the role the Duck Stamp plays in stamp collecting, and demonstrated support for the conservation of waterfowl and wetlands through active involvement in the conservation community.

§ 91.22 Display of entries for contest.
All eligible entries will be displayed in the Department of the Interior auditorium in numerical order. The only visible identification on each entry will be the number assigned to it in chronological order when it is received and processed by the Service.

§ 91.23 Scoring criteria for contest.
Entries will be judged on the basis of anatomical accuracy, artistic composition and suitability for engraving in the production of a stamp.

§ 91.24 Contest procedures.
(a) The day before the judging begins, the judges will be briefed on all aspects of the judging procedures and other details of the competition, and will preview all eligible artwork entered.

(b) Prior to the first round of judging, and prior to the opening of the contest to the public, the judges will spend an additional two hours reviewing the entries.

(c) In the first round of judging, all qualified entries will be shown one at a time to the judges by the Contest Coordinator or a contest staff member. The judges will vote “in” or “out” on each entry; those entries receiving a majority of votes “in” will be eligible for the second round of judging. The remaining entries will be placed on display as a group for public viewing.

(d) Prior to the second round of judging, each judge may select not more than five entries from those eliminated in the first round. Those additional entries selected by the judges will be eligible to be judged in the second round.

(e) Prior to the second round of judging, the entries selected by the judges under the procedures of paragraphs (c) and (d) of this section will be displayed in numerical order in the front of the auditorium.

(f) The technical advisors from the Department of the Interior and the Bureau of Engraving and Printing will do a critical analysis of the entries that will be judged in the second round and
advise the judges of any serious anatomical problems and/or any serious design problems for the engraver.

(g) In the second round of judging, each entry selected in the first round, plus the additional entries selected by judges, will be shown one at a time to the judges by the Contest Coordinator or by a contest staff member. The judges will vote by indicating a numerical score from one to five for each entry. The scores will be totaled to provide the entry score. The entries receiving the five highest scores will be advanced to the third round of judging.

(h) In the third round of judging, the judges will vote on the remaining entries using the same method as in round two, except they would indicate a numerical score from 3 to 5 for each entry. The Contest Coordinator will tabulate the final votes and present them to the Director, U.S. Fish and Wildlife Service, who will announce the winning entry as well as the entries that placed second and third.

(i) In case of a tie vote for first, second, or third place in the third round, the judges will vote again on the entries that are tied. The judges will vote using the same method as in round three.

(j) The selection of the winning entry by the judges will be final. Each contestant will be notified of the winning artist and the design. The winning artist will receive a pane of Duck Stamps signed by the Secretary of the Interior at the Federal Duck Stamp Contest the following year. The artists placing first, second, and third will receive a framed commendation from the Director of the U.S. Fish and Wildlife Service.


Subpart D—Post-Contest Procedures

§ 91.31 Return of entries after contest.

All entries will be returned by certified mail to the participating artists within 120 days after the contest, unless the artwork is selected to appear at one or more wildlife art expositions. If artwork is returned to the Service because it is undelivered or unclaimed (this may happen if an artist changes address), the Service will not be obligated to trace the location of the artist to return the artwork. Any artist who changes his or her address is responsible for notifying the Service of the change. All unclaimed entries will be destroyed one year from the date of the contest.

[56 FR 22816, May 16, 1991]
PART 100—SUBSISTENCE MANAGEMENT REGULATIONS FOR PUBLIC LANDS IN ALASKA

Subpart A—General Provisions

Sec.
100.1 Purpose.
100.2 Authority.
100.3 Applicability and scope.
100.4 Definitions.
100.5 Eligibility for subsistence use.
100.6 Licenses, permits, harvest tickets, tags, and reports.
100.7 Restriction on use.
100.8 Penalties.
100.9 Information collection requirements.

Subpart B—Program Structure

100.10 Federal Subsistence Board.
100.11 Regional advisory councils.
100.12 Local advisory committees.
100.13 Board-agency relationships.
100.14 Relationship to State procedures and regulations.
100.15 Rural determination process.
100.16 Customary and traditional use determination process.
100.17 Determining priorities for subsistence uses among rural Alaska residents.
100.18 Regulation adoption process.
100.19 Closures and other special actions.
100.20 Request for reconsideration.
100.21 [Reserved]

Subpart C—Board Determinations

100.22 Subsistence resource regions.
100.23 Rural determinations.
100.24 Customary and traditional use determinations.

Subpart D—Subsistence Taking of Fish and Wildlife

100.25 Subsistence taking of wildlife.
100.26 Subsistence taking of fish.
100.27 Subsistence taking of shellfish.


Subpart A—General Provisions

Source: 57 FR 22951, 22964, May 29, 1992, unless otherwise noted.

§ 100.1 Purpose.

The regulations in this part implement the Federal Subsistence Management Program on public lands within the State of Alaska.

§ 100.2 Authority.

These regulations are issued pursuant to authority designated above, and specifically the authority vested in the Secretary of the Interior and Secretary of Agriculture specified in section 814 of the Alaska National Interest Lands Conservation Act (ANILCA) 16 U.S.C. 3124 (1980).

§ 100.3 Applicability and scope.

(a) The regulations of this part implement the provisions of Title VIII of ANILCA relevant to the taking of fish and wildlife on public lands in the State of Alaska. The regulations of this part do not permit subsistence uses in Glacier Bay National Park, Kenai Fjords National Park, Katmai National Park, and that portion of Denali National Park established as Mt. McKinley National Park prior to passage of ANILCA, where subsistence taking and uses are prohibited. These regulations do not supersede agency specific regulations.

(b) The regulations contained in subpart D apply on all public lands including all non-navigable waters located on these lands. However, the regulations contained in subpart D do not authorize any subsistence uses in those National Parks listed in §100.3(a). In the following areas, the regulations in subpart D apply on all Federal public lands including all waters located on these lands:

(1) The area beginning at a point on the boundary between the United States and Canada, on the divide between the north and south forks of the Firth River, approximate latitude 68°52' N., longitude 141°00' W., thence westerly along this divide and the periphery of the watershed northward to the Arctic Ocean, along the crest of portions of the Brooks Range and the DeLong Mountains, to Cape Lisburne;
(2) The area north of 61° north latitude, south of 61°21′ north latitude, west of 163°40′ longitude and east of the Bering Sea shoreline including Hazen Bay;
(3) Nunivak Island and waters of the Bering Sea within one mile of its shorelines;
(4) The area west of the eastern most tip of Unimak Island to the terminus of the Aleutian Islands, except the area between Akutan Pass and Samalga Island;
(5) Simeonof Island and all waters of the Pacific Ocean within one-mile of Simeonof Island;
(6) the Semidi Islands and all waters of the Pacific Ocean within one mile of each of the Semidi Islands;
(7) Kodiak National Wildlife Refuge;
(8) Waters of the Pacific Ocean enclosed by the boundaries of Womans Bay, Gibson Cove, and an area defined by a line one-half mile on either side of the mouth of Karluk River, and extending seaward 3,000 feet;
(9) All waters of the Pacific Ocean within 1,500 feet seaward of the shoreline of Afognak Island;
(10) Kenai National Wildlife Refuge;
(11) Glacier Bay National Preserve.

(c) The public lands described in §100.3(b) (1)–(11) remain subject to change through rulemaking pending a Department of the Interior review of title and jurisdictional issues regarding certain submerged lands beneath navigable waters in Alaska.

§ 100.4 Definitions.

The following definitions apply to all regulations contained in this part.

Agency means a subunit of a cabinet level Department of the Federal government having land management authority over the public lands including, but not limited to, the U.S. Fish & Wildlife Service, Bureau of Indian Affairs, Bureau of Land Management, National Park Service, and USDA Forest Service.


Barter means the exchange of fish or wildlife or their parts taken for subsistence uses; for other fish, wildlife or their parts; or, for other food or for nonedible items other than money, if the exchange is of a limited and non-commercial nature.

Board means the Federal Subsistence Board as described in §100.10 of this part.

Commissions means the Subsistence Resource Commissions established pursuant to section 808 of ANILCA.

Conservation of healthy populations of fish and wildlife means the maintenance of fish and wildlife resources and their habitats in a condition that assures stable and continuing natural populations and species mix of plants and animals in relation to their ecosystem, including the recognition that local rural residents engaged in subsistence uses may be a natural part of that ecosystem; minimizes the likelihood of irreversible or long-term adverse effects upon such populations and species; ensures the maximum practicable diversity of options for the future; and recognizes that the policies and legal authorities of the managing agencies will determine the nature and degree of management programs affecting ecological relationships, population dynamics, and the manipulation of the components of the ecosystem.

Customary and traditional use means a long-established, consistent pattern of use, incorporating beliefs and customs which have been transmitted from generation to generation. This use plays an important role in the economy of the community.

Customary trade means cash sale of fish and wildlife resources regulated herein, not otherwise prohibited by State or Federal law or regulation, to support personal and family needs; and does not include trade which constitutes a significant commercial enterprise.


Federal Advisory Committees or Federal Advisory Committee means the Federal Local Advisory Committees as described in §100.12.

Family means all persons related by blood, marriage or adoption, or any
§ 100.5 Eligibility for subsistence use.

(a) The taking of fish and wildlife on public lands for subsistence uses is restricted to Alaskans who are residents of rural areas or communities. Other individuals, including Alaskans who are residents of non-rural areas or communities listed in §100.23, are prohibited from taking fish and wildlife on public lands for subsistence uses under these regulations.

(b) Where the Board has made a customary and traditional use determination regarding subsistence use of a specific fish stock or wildlife population, in accordance with, and as listed in,
§ 100.24, only those Alaskans who are residents of rural areas or communities so designated are eligible for subsistence taking of that population, on public lands for subsistence uses, under these regulations. All other individuals are prohibited from taking fish or wildlife from that population under these regulations.

(c) Where customary and traditional use determinations for a fish stock or wildlife population within a specific area have not yet been made by the Board (e.g., “no determination”), all Alaskans who are residents of rural areas or communities are eligible to participate in subsistence taking of that stock or population under these regulations.

(d) This section does not limit the authority of the National Park Service to regulate further the eligibility of those individuals qualified to engage in subsistence uses on National Park Service lands in accordance with specific authority in ANILCA, and National Park Service regulations at 36 CFR part 13.

§ 100.6 Licenses, permits, harvest tickets, tags, and reports.

(a) To take fish and wildlife on public lands for subsistence uses, subsistence users must possess and comply with the provisions of any pertinent permits, harvest tickets, or tags required by the State, or Federal permits, harvest tickets, or tags as required by the Board; and must possess the pertinent valid State hunting, fishing, and trapping licenses unless Federal licenses are required or unless otherwise provided for in these regulations.

(b) To make a fraudulent application for Federal or State licenses, permits, harvest tickets, or tags is prohibited.

(c) Harvest tickets, tags, permits, or other required documents must be validated before removing the kill from the harvest site.

(d) Persons engaged in taking fish and wildlife under these regulations must allow State or Federal law enforcement agents to inspect any apparatus designed to be used, or capable of being used to take fish or wildlife, or any fish or wildlife in possession.

(e) The Board may implement harvest reporting systems or permit systems where:

(1) The fish and wildlife is taken by an individual who is required to obtain and possess pertinent State harvest permits, tickets, or tags, or Federal permits, harvest tickets, or tags; and

(2) A qualified subsistence user may designate another qualified subsistence user to take fish and wildlife on his or her behalf; or

(3) The fish and wildlife is taken by individuals or community representatives permitted a one-time or annual harvest for special purposes including ceremonies and potlatches;

(4) The fish and wildlife is taken by representatives of a community permitted to do so in a manner consistent with the community’s customary and traditional practices.

(f) When the taking of fish and wildlife is in accordance with §100.6, the permittee must comply with all of the reporting requirements of the permit. Individuals designated on a permit to take fish and wildlife are required to have that permit in their possession during the taking and to comply with all requirements of the permit, regulations in subpart A §100.6 pertaining to validation and reporting, and to regulations in subpart D pertaining to methods and means, possession and transportation, and utilization.

(g) When a community takes fish and wildlife in accordance with §100.6(f)(3) and (4), the harvest activity must be reported in accordance with regulations specified for that community in subpart D, and as required by any applicable permit conditions. Individuals may be responsible for particular reporting requirements in the conditions permitting a specific community’s harvest. Failure to comply with these conditions is a violation of these regulations. Community harvests are reviewed annually under subpart D regulations.
§ 100.7 Restriction on use.

(a) When fish and wildlife are taken pursuant to these regulations, trade of the fish and wildlife, other than for customary trade or barter, is prohibited.

(b) When fish and wildlife are taken pursuant to these regulations, use or trade of the fish and wildlife which constitutes a significant commercial enterprise is prohibited.

§ 100.8 Penalties.

A person convicted of violating any provision of 50 CFR part 100 or 36 CFR part 242 may be punished by a fine or by imprisonment in accordance with the penalty provisions applicable to the public land where the violation occurred.

§ 100.9 Information collection requirements.

(a) These rules contain information collection requirements subject to Office of Management and Budget (OMB) approval under 44 U.S.C. 3501-3520. They apply to subsistence uses on public lands in Alaska.

(1) Section 100.20, Request for reconsideration. The information collection requirements contained in this section provide a standardized process to allow individuals the opportunity to appeal decisions of the Board. Submission of a request for reconsideration is voluntary but required to receive a final determination by the Board. The Department of the Interior estimates that a request for reconsideration will take 4 hours to prepare and submit.

(2) Section 100.6, Licenses, permits, harvest tickets, tags, and reports. The information collection requirements contained in this section provide for permit-specific subsistence activities not authorized through the general adoption of State regulations. These regulations require this information before a rural Alaska resident may engage in subsistence uses on public lands. The Department estimates that the average time necessary to obtain and comply with this permit information collection requirement is 15 minutes.

(3) The remaining information collection requirements contained in this part imposed upon subsistence uses are those adopted from State regulations. The information collection requirements must be satisfied before rural Alaska residents may engage in subsistence uses on public lands. The Department estimates that the average burden imposed upon individuals will be 8 minutes.

(b) Direct comments on the burden estimate or any other aspect of the burden estimate to: Information Collection Officer, U.S. Fish and Wildlife Service, 1849 C Street NW., MS 224 ARLSQ, Washington, DC 20240; and the Office of Management and Budget, Paperwork Reduction Project (1018-0075), Washington, DC 20503. Additionally, information requirements will be imposed when the Regional Councils, subject to the Federal Advisory Committee Act (FACA), are established under subpart B. Such requirements will be submitted to OMB for approval prior to their implementation.

Subpart B—Program Structure

SOURCE: 57 FR 22953, 22964, May 29, 1992, unless otherwise noted.

§ 100.10 Federal Subsistence Board.

(a) The Secretary of the Interior and Secretary of Agriculture hereby establish, and delegate responsibility for, administering the subsistence taking and uses of fish and wildlife on public lands, and the related promulgation and signature authority for regulations of subparts C and D, contained herein, to the Board.

(b) Membership.

(1) The voting membership of the Board shall consist of a Chair to be appointed by the Secretary of the Interior with the concurrence of the Secretary of Agriculture; the Alaska Regional Director, U.S. Fish and Wildlife Service; Alaska Regional Director, National Park Service; Alaska Regional Forester, USDA Forest Service; the Alaska State Director, Bureau of Land Management; and the Alaska Area Director, Bureau of Indian Affairs. Each member of the Board may appoint a designee.

(2) [Reserved]

(c) Liaisons to the Board shall consist of a State liaison, and the Chairpersons of each Regional Council. The
State liaison and the Chairpersons of each Regional Council may attend public sessions of all Board meetings and be actively involved as consultants to the Board.

(d) Powers and Duties.

(1) Meetings shall occur at least twice per year and at such other times as deemed necessary by the Board. Meetings shall occur at the call of the Chair, but any member may request a meeting.

(2) A quorum shall consist of four members.

(3) No action may be taken unless a majority of voting members are in agreement.

(4) The Board is empowered, to the extent necessary, to implement Title VIII of ANILCA, to:

(i) Promulgate regulations for the management of subsistence taking and uses of fish and wildlife on public lands;

(ii) Determine which communities or areas of the State are rural or non-rural;

(iii) Determine which rural Alaska areas or communities have customary and traditional subsistence uses of specific fish and wildlife populations;

(iv) Allocate subsistence uses of fish and wildlife populations on public lands;

(v) Ensure that the taking on public lands of fish and wildlife for nonwasteful subsistence uses shall be accorded priority over the taking on such lands of fish and wildlife for other purposes;

(vi) Close public lands to the non-subistence taking of fish and wildlife;

(vii) Establish priorities for the subsistence taking of fish and wildlife on public lands among rural Alaska residents;

(viii) Restrict or eliminate taking of fish and wildlife on public lands;

(ix) Determine what types and forms of trade of fish and wildlife taken for subsistence uses constitute allowable customary trade;

(x) Authorize the Regional Councils to convene;

(xi) Establish a Regional Council in each subsistence resource region and recommend to the Secretaries, appointees to the Regional Councils, pursuant to the FACA;

(xii) Establish Federal Advisory Committees within the subsistence resource regions, if necessary and recommend to the Secretaries that members of the Federal Advisory Committees be appointed from the group of individuals nominated by rural Alaska residents;

(xiii) Establish rules and procedures for the operation of the Board, and the Regional Councils;

(xiv) Review and respond to proposals for regulations, management plans, policies, and other matters related to subsistence taking and uses of fish and wildlife;

(xv) Enter into cooperative agreements or otherwise cooperate with Federal agencies, the State, Native corporations, local governmental entities, and other persons and organizations, including international entities to effectuate the purposes and policies of the Federal subsistence management program;

(xvi) Develop alternative permitting processes relating to the subsistence taking of fish and wildlife to ensure continued opportunities for subsistence; and

(xvii) Take other actions authorized by the Secretaries to implement Title VIII of ANILCA.

(5) The Board shall establish a Staff Committee composed of a member from the U.S. Fish and Wildlife Service, National Park Service, U.S. Bureau of Land Management, Bureau of Indian Affairs, and USDA Forest Service for analytical and administrative assistance. The U.S. Fish and Wildlife Service representative shall serve as Chair of the Staff Committee.

(6) The Board may establish and dissolve additional committees as necessary for assistance.

(7) The U.S. Fish and Wildlife Service shall provide appropriate administrative support for the Board.

(8) The Board shall authorize at least two meetings per year for each Regional Council.

(e) Relationship to Regional Councils.

(1) The Board shall consider the reports and recommendations of the Regional Councils concerning the taking of fish and wildlife on public lands
§ 100.11

within their respective regions for subsistence uses. The Board may choose not to follow any Regional Council recommendation which it determines is not supported by substantial evidence, violates recognized principles of fish and wildlife conservation, would be detrimental to the satisfaction of subsistence needs, or in closure situations, for reasons of public safety or administration or to assure the continued viability of a particular fish or wildlife population. If a recommendation is not adopted, the Board shall set forth the factual basis and the reasons for the decision, in writing, in a timely fashion.

(2) The Board shall provide available and appropriate technical assistance to the Regional Councils.

§ 100.11 Regional advisory councils.

(a) The Board shall establish a Regional Council for each subsistence resource region to participate in the Federal subsistence management program. The Regional Councils shall be established, and conduct their activities, in accordance with the FACA. The Regional Councils shall provide a regional forum for the collection and expression of opinions and recommendations on matters related to subsistence taking and uses of fish and wildlife resources on public lands. The Regional Councils shall provide for public participation in the Federal regulatory process.

(b) Establishment of Regional Councils—membership.

(1) The number of members for each Regional Council shall be established by the Board, and shall be an odd number. A Regional Council member must be a resident of the region in which he or she is appointed and be knowledgeable about the region and subsistence uses of the public lands therein. The Board shall accept nominations and recommend to the Secretaries that representatives on the Regional Councils be appointed from those nominated by subsistence users. Appointments to the Regional Councils shall be made by the Secretaries.

(2) Regional Council members shall serve 3 year terms and may be reappointed. Initial members shall be appointed with staggered terms up to three years.

(3) The Chair of each Regional Council shall be elected by the applicable Regional Council, from its membership, for a one year term and may be reelected.

(c) Powers and Duties.

(1) The Regional Councils are authorized to:

(i) Hold public meetings related to subsistence uses of fish and wildlife within their respective regions, after the Chair of the Board or the designated Federal Coordinator has called the meeting and approved the meeting agenda;

(ii) Elect officers;

(iii) Review, evaluate, and make recommendations to the Board on proposals for regulations, policies, management plans, and other matters relating to the subsistence take of fish and wildlife under these regulations within the region;

(iv) Provide a forum for the expression of opinions and recommendations by persons interested in any matter related to the subsistence uses of fish and wildlife within the region;

(v) Encourage local and regional participation, pursuant to the provisions of these regulations in the decision-making process affecting the taking of fish and wildlife on the public lands within the region for subsistence uses;

(vi) Prepare and submit to the Board an annual report containing—

(A) An identification of current and anticipated subsistence uses of fish and wildlife populations within the region,

(B) An evaluation of current and anticipated subsistence needs for fish and wildlife populations from the public lands within the region,

(C) A recommended strategy for the management of fish and wildlife populations within the region to accommodate such subsistence uses and needs related to the public lands, and

(D) Recommendations concerning policies, standards, guidelines, and regulations to implement the strategy;

(vii) Appoint members to each Subsistence Resource Commission (Commission) within their region in accordance with the requirements of section 808 of ANILCA;

(viii) Make recommendations on determinations of customary and traditional use of subsistence resources;
(ix) Make recommendations on determinations of rural status;

(x) Make recommendations regarding the allocation of subsistence uses among rural Alaska residents pursuant to §100.17 of these regulations;

(xi) Develop proposals pertaining to the subsistence taking and use of fish and wildlife under these regulations, and review and evaluate such proposals submitted by other sources;

(xii) Provide recommendations on the establishment and membership of Federal Advisory Committees.

(2) The Regional Councils shall:

(i) Operate in conformance with the provisions of FACA and comply with rules of operation established by the Board;

(ii) Perform other duties specified by the Board.

§ 100.12 Local advisory committees.

(a) The Board shall establish such Federal Advisory Committees within each region as necessary at such time that it is determined, after notice and hearing and consultation with the State, that the existing State fish and game advisory committees do not adequately provide advice to, and assist, the particular Regional Council in carrying out its function as set forth in §100.11 of these regulations.

(b) Federal Advisory Committees, if established by the Board, shall operate in conformance with the provisions of the FACA, and comply with rules of operation established by the Board.

§ 100.13 Board/agency relationships.

(a) General.

(1) The Board, in making decisions or recommendations, shall consider and ensure compliance with specific statutory requirements regarding the management of resources on public lands, recognizing that the management policies applicable to some public lands may entail methods of resource and habitat management and protection different from methods appropriate for other public lands.

(2) The Board shall promulgate regulations for subsistence taking of fish and wildlife on public lands. The Board is the final administrative authority on the promulgation of subparts C and D regulations relating to the subsistence taking of fish and wildlife on public lands.

(3) Nothing in these regulations shall enlarge or diminish the authority of any agency to promulgate regulations necessary for the proper management of public lands under their jurisdiction in accordance with ANILCA and other existing laws.

(b) Section 808 of ANILCA establishes National Park and Park Monument Subsistence Resource Commissions. Nothing in these regulations affects the duties or authorities of these commissions.

§ 100.14 Relationship to State procedures and regulations.

(a) State fish and game regulations apply to public lands and such laws are hereby adopted and made a part of these regulations to the extent they are not inconsistent with, or superseded by this part.

(b) The Board may close public lands to hunting and fishing, or take actions to restrict the taking of fish and wildlife despite any State authorization for taking fish and wildlife on public lands. The Board may review and adopt State closures or restrictions which serve to achieve the objectives of these regulations.

(c) The Board may enter into agreements with the State in order to coordinate respective management responsibilities.

(d) Petition for repeal of subsistence rules and regulations.

(1) The State of Alaska may petition the Secretaries for repeal of these subsistence rules and regulations when the State has enacted and implemented subsistence management and use laws which:

(i) Are consistent with sections 803, 804, and 805 of ANILCA; and

(ii) Provide for the subsistence definition, preference, and participation specified in sections 803, 804, and 805 of ANILCA.

(2) The State's petition shall:

§ 100.15 Rural determination process.

(a) The Board shall determine if an area or community in Alaska is rural. In determining whether a specific area of Alaska is rural, the Board shall use the following guidelines.

(1) A community or area with a population of 2500 or less shall be deemed to be rural unless such a community or area possesses significant characteristics of a non-rural nature, or is considered to be socially and economically a part of an urbanized area.

(2) Communities or areas with populations above 2500 but not more than 7000 will be determined to be rural or non-rural.

(3) A community with a population of more than 7000 shall be presumed non-rural, unless such a community or area possesses significant characteristics of a rural nature.

(4) Population data from the most recent census conducted by the United States Bureau of Census as updated by the Alaska Department of Labor shall be utilized in this process.

(5) Community or area characteristics shall be considered in evaluating a community’s rural or non-rural status. The characteristics may include, but are not limited to:

(i) Use of fish and wildlife;
(ii) Development and diversity of the economy;
(iii) Community infrastructure;
(iv) Transportation; and
(v) Educational institutions.

(6) Communities or areas which are economically, socially and communally integrated shall be considered in the aggregate.

(b) The Board shall periodically review rural determinations. Rural determinations shall be reviewed on a ten year cycle, commencing with the publication of the year 2000 U.S. census. Rural determinations may be reviewed out-of-cycle in special circumstances. Once the Board makes a determination that a community has changed from rural to non-rural, a waiting period of five years shall be required before the non-rural determination becomes effective.

(c) Current determinations are listed at §100.23.

§ 100.16 Customary and traditional use determination process.

(a) The Board shall determine which fish stocks and wildlife populations have been customarily and traditionally used for subsistence. These determinations shall identify the specific community’s or area’s use of specific fish stocks and wildlife populations. For areas managed by the National Park Service, where subsistence uses are allowed, the determinations may be made on an individual basis.

(b) A community or area shall generally exhibit the following factors, which exemplify customary and traditional use. The Board shall make customary and traditional use determinations based on application of the following factors:

(1) A long-term consistent pattern of use, excluding interruptions beyond the control of the community or area;
(2) A pattern of use recurring in specific seasons for many years;
(3) A pattern of use consisting of methods and means of harvest which are characterized by efficiency and economy of effort and cost, conditioned by local characteristics;
(4) The consistent harvest and use of fish or wildlife as related to past methods and means of taking; near, or reasonably accessible from the community or area;
(5) A means of handling, preparing, preserving, and storing fish or wildlife which has been traditionally used by past generations, including consideration of alteration of past practices.
due to recent technological advances, where appropriate;

(6) A pattern of use which includes the handing down of knowledge of fishing and hunting skills, values and lore from generation to generation;

(7) A pattern of use in which the harvest is shared or distributed within a definable community of persons; and

(8) A pattern of use which relates to reliance upon a wide diversity of fish and wildlife resources of the area and which provides substantial cultural, economic, social, and nutritional elements to the community or area.

(c) The Board shall take into consideration the reports and recommendations of any appropriate Regional Council regarding customary and traditional uses of subsistence resources.

(d) Current determinations are listed in § 100.24.

§ 100.17 Determining priorities for subsistence uses among rural Alaska residents.

(a) Whenever it is necessary to restrict the subsistence taking of fish and wildlife on public lands in order to protect the continued viability of such populations, or to continue subsistence uses, the Board shall establish a priority among the rural Alaska residents after considering any recommendation submitted by an appropriate Regional Council.

(b) The priority shall be implemented through appropriate limitations based on the application of the following criteria to each area, community, or individual determined to have customary and traditional use, as necessary:

(1) Customary and direct dependence upon the populations as the mainstay of livelihood;

(2) Local residency; and

(3) The availability of alternative resources.

(c) If allocation on an area or community basis is not achievable, then the Board shall allocate subsistence opportunity on an individual basis through application of the above criteria.

(d) In addressing a situation where prioritized allocation becomes necessary, the Board shall solicit recommendations from the Regional Council in the area affected.

§ 100.18 Regulation adoption process.

(a) Proposals for changes to the Federal subsistence regulations in subpart D shall be accepted by the Board according to a published schedule, but at least once a year. The Board shall develop and publish proposed regulations in the Federal Register and publish notice in local newspapers. Comments on the proposed regulations in the form of proposals shall be distributed for public review.

(1) Proposals shall be made available for at least a thirty (30) day review by the Regional Councils. Regional Councils shall forward their recommendations on proposals to the Board. Such proposals with recommendations may be submitted in the time period as specified by the Board or as a part of the Regional Council’s annual report described in § 100.11, whichever is earlier.

(2) The Board shall publish notice throughout Alaska of the availability of proposals received.

(3) The public shall have at least thirty (30) days to review and comment on proposals.

(4) After the comment period the Board shall meet to receive public testimony and consider the proposals. The Board shall consider traditional use patterns when establishing harvest levels and seasons, and methods and means. The Board may choose not to follow any recommendation which the Board determines is not supported by substantial evidence, violates recognized principles of fish and wildlife conservation, or would be detrimental to the satisfaction of subsistence needs. If a recommendation approved by a Regional Council is not adopted by the Board, the Board shall set forth the factual basis and the reasons for their decision in writing to the Regional Council.

(5) Following consideration of the proposals the Board shall publish final regulations pertaining to subpart D in the Federal Register.

(b) Proposals for changes to subpart C shall be accepted by the Board according to a published schedule. The
§ 100.19  Closures and other special actions.

(a) The Board may make or direct a temporary change to open or adjust the seasons or to increase the bag limits for subsistence uses of fish and wildlife populations on public lands. An affected rural resident, community, Regional Council, or administrative agency may request a temporary change. The Board shall consult with the State, shall comply with the provisions of 5 U.S.C. 551-559 (Administrative Procedure Act or APA), and shall provide adequate notice and opportunity to comment. The length of any temporary change shall be confined to the minimum time period or bag limit determined by the Board to be necessary to satisfy subsistence uses. In addition, a temporary change may be made only after the Board determines that the proposed temporary change will not interfere with the conservation of particular fish or wildlife population, to continue subsistence uses of a fish or wildlife population, or for reasons of public safety or administration.

(b) After consulting with the State of Alaska, providing adequate notice to the public, and holding at least one public hearing in the vicinity of the affected communities, the Board may make or direct permanent changes to subsistence uses of a particular fish or wildlife population on public lands to assure the continued viability of a fish or wildlife population, or for reasons of public safety or administration. A permanent closure will not extend beyond the regulatory year in which it is promulgated.

(c) In an emergency situation, the Board may direct immediate closures related to subsistence or non-subsistence uses of fish and wildlife on public lands, if necessary to assure the continued viability of a fish or wildlife population, or for public safety reasons. The Board shall publish notice and reasons justifying the emergency closure in the FEDERAL REGISTER and in newspapers of any area affected. The emergency closure shall be effective when directed by the Board, may not exceed 60 days, and may not be extended unless it is determined by the Board, after notice and hearing, that such closure should be extended.

(d) The Board may make or direct a temporary change to open or adjust the seasons or to increase the bag limits for subsistence uses of fish and wildlife populations on public lands. An affected rural resident, community, Regional Council, or administrative agency may request a temporary change. Prior to implementing a temporary change, the Board shall consult with the State, shall comply with the provisions of 5 U.S.C. 551-559 (Administrative Procedure Act or APA), and shall provide adequate notice and opportunity to comment. The length of any temporary change shall be confined to the minimum time period or bag limit determined by the Board to be necessary to satisfy subsistence uses. In addition, a temporary change may be made only after the Board determines that the proposed temporary change will not interfere with the conservation of particular fish or wildlife population, to continue subsistence uses of a fish or wildlife population, or for reasons of public safety or administration.
§ 100.20 Request for reconsideration.

(a) Subparts C and D regulations published in the Federal Register are subject to requests for reconsideration.

(b) Any aggrieved person may file a request for reconsideration with the Board.

(c) To file a request for reconsideration, the requestor must notify the Board in writing within sixty (60) days of the effective date or date of publication of the notice, whichever is earliest, for which reconsideration is requested.

(d) It is the responsibility of a requestor to provide the Board with sufficient narrative evidence and argument to show why the action by the Board should be reconsidered. The following information must be included in the request for reconsideration:

1. The requestor's name, and mailing address;

2. The action for which reconsideration is requested and the date of Federal Register publication of that action;

3. A detailed statement of how the requestor is adversely affected by the action;

4. A detailed statement of the facts of the dispute, the issues raised by the request, and specific references to any law, regulation, or policy that the requestor believes to be violated and the reason for such allegation;

5. A statement of how the requestor would like the action changed.

(e) Upon receipt of a request for reconsideration, the Board shall transmit a copy of such request to any appropriate Regional Council for review and recommendation. The Board shall consider any Regional Council recommendations in making a final decision.

(f) If the request is justified, the Board shall implement a final decision on a request for reconsideration after compliance with 5 U.S.C. 551-559 (APA).

(g) If the request is denied, the decision of the Board represents the final administrative action.

§ 100.21 [Reserved]

§ 100.22 Subsistence resource regions.

(a) The following areas are hereby designated as subsistence resource regions:

1. Southeast Region,
2. Southcentral Region,
3. Kodiak/Aleutians Region,
4. Bristol Bay Region,
5. Yukon-Kuskokwim Delta Region,
6. Western Interior Region,
7. Seward Peninsula Region,
8. Northwest Arctic Region,
9. Eastern Interior Region,
10. North Slope Region.

(b) Maps delineating the boundaries of subsistence resource regions are available from the U.S. Fish and Wildlife Service.

§ 100.23 Rural determinations.

(a)(1) All communities and areas have been determined by the Board to be rural in accordance with §100.15 except the following:

Adak;
Fairbanks North Star Borough;
Homer area—including Homer, Anchor Point, Kachemak City, and Fritz Creek;
Juneau area—including Juneau, West Juneau and Douglas;
Kenai area—including Kenai, Soldotna, Sterling, Nikiski, Salamatof, Kalifornsky, Kasilof, and Clam Gulch;
Ketchikan area—including Ketchikan City, Clover Pass, North Tongass Highway, Ketchikan East, Mountain Pass, Herring Cove, Saxman East, and parts of Pennock Island;
Municipality of Anchorage;
Seward area—including Seward and Moose Pass; Valdez; and,
§ 100.24 Customary and traditional use determinations.

(a) Rural Alaska residents of the listed communities and areas have been determined to have customary and traditional subsistence use of the specified species on Federal public lands in the specified areas. When there is a determination for specific communities or areas of residence in a Unit, all other communities not listed for that species in that Unit have no Federal subsistence for that species in that Unit. If no determination has been made for a species in a Unit, all rural Alaska residents are eligible to harvest fish or wildlife under this part.

(1) Wildlife determinations.

<table>
<thead>
<tr>
<th>Area</th>
<th>Species</th>
<th>Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 1(C)</td>
<td>Black Bear</td>
<td>Residents of Unit 1(C), 1(D), 3, and residents of Hoonah, Pelican, Point Baker, Sitka, and Tenakee Springs.</td>
</tr>
<tr>
<td>1(A)</td>
<td>Brown Bear</td>
<td>Residents of Unit 1(A) except no subsistence for residents of Hyder.</td>
</tr>
<tr>
<td>1(B)</td>
<td>Brown Bear</td>
<td>Residents of Unit 1(A), Petersburg, and Wrangell, except no subsistence for residents of Hyder.</td>
</tr>
<tr>
<td>1(C)</td>
<td>Brown Bear</td>
<td>Residents of Unit 1(C), Haines, Hoonah, Kake, Klukwan, Skagway, and Wrangell, except no subsistence for residents of Gustavus.</td>
</tr>
<tr>
<td>1(D)</td>
<td>Brown Bear</td>
<td>Residents of 1(D).</td>
</tr>
<tr>
<td>1(A)</td>
<td>Deer</td>
<td>Residents of 1(A) and 2.</td>
</tr>
<tr>
<td>1(B)</td>
<td>Deer</td>
<td>Residents of Unit 1(A), residents of 1(B), 2 and 3.</td>
</tr>
<tr>
<td>1(C)</td>
<td>Deer</td>
<td>Residents of 1(C) and (D), and residents of Hoonah, Kake, and Petersburg.</td>
</tr>
<tr>
<td>1(D)</td>
<td>Deer</td>
<td>Residents of 1(D).</td>
</tr>
<tr>
<td>1(B)</td>
<td>Goat</td>
<td>Residents of Units 1(B) and 3.</td>
</tr>
<tr>
<td>1(C)</td>
<td>Goat</td>
<td>Residents of Units 1(B) and (C).</td>
</tr>
<tr>
<td>1(D)</td>
<td>Moose</td>
<td>Residents of Units 1, 2, 3, and 4.</td>
</tr>
<tr>
<td>1(C) Berner’s Bay</td>
<td>Moose</td>
<td>Residents of Unit 1(D).</td>
</tr>
<tr>
<td>1(D)</td>
<td>Moose</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Unit 2</td>
<td>Deer</td>
<td>Residents of Unit 1(A), and residents of Units 2 and 3.</td>
</tr>
<tr>
<td>2</td>
<td>Brown Bear</td>
<td>Residents of Unit 1(B) and 3, and residents of Port Alexander, Port Protection, Pt. Baker, and Meyer’s Chuck.</td>
</tr>
<tr>
<td>Unit 3</td>
<td>Deer</td>
<td>Residents of Unit 1(A) except no subsistence for residents of Hyder.</td>
</tr>
<tr>
<td>3, Wrangell and Mitkof Islands</td>
<td>Moose</td>
<td>Residents of Unit 1(C), Haines, Petersburg, and Kake.</td>
</tr>
<tr>
<td>Unit 4</td>
<td>Brown Bear</td>
<td>Residents of Unit 4 and Kake.</td>
</tr>
<tr>
<td>4</td>
<td>Goat</td>
<td>Residents of Units 4 and residents of Kake, Gustavus, Haines, Petersburg, Pt. Baker, Klukwan, Port Protection, Wrangell, and Yakutat.</td>
</tr>
<tr>
<td>Unit 5</td>
<td>Black Bear</td>
<td>Residents of Unit 5(A).</td>
</tr>
<tr>
<td>5</td>
<td>Brown Bear</td>
<td>Residents of Yakutat.</td>
</tr>
<tr>
<td>5</td>
<td>Deer</td>
<td>Residents of Yakutat.</td>
</tr>
<tr>
<td>5</td>
<td>Goat</td>
<td>Residents of Unit 5(A).</td>
</tr>
<tr>
<td>5</td>
<td>Moose</td>
<td>Residents of Unit 5(A).</td>
</tr>
<tr>
<td>5</td>
<td>Wolf</td>
<td>Residents of Unit 5(A).</td>
</tr>
<tr>
<td>Unit 6(A)</td>
<td>Black Bear</td>
<td>Residents of Yakutat and residents of 6(C) and 6(D), except no subsistence for Whittier.</td>
</tr>
<tr>
<td>6, Remainder</td>
<td>Black Bear</td>
<td>Residents of Unit 6(C) and 6(D), except no subsistence for Whittier.</td>
</tr>
<tr>
<td>6</td>
<td>Brown Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>6(A)</td>
<td>Goat</td>
<td>Residents of Unit 5(A), 6(C), Chenega Bay and Tatitlek.</td>
</tr>
<tr>
<td>6(C) and (D)</td>
<td>Goat</td>
<td>Residents of Units 6(C) and (D).</td>
</tr>
<tr>
<td>6(A)</td>
<td>Moose</td>
<td>Residents of Units 5(A), 6(A), 6(B) and 6(C).</td>
</tr>
<tr>
<td>6(B) and (C)</td>
<td>Moose</td>
<td>Residents of Units 6(A), 6(B) and 6(C).</td>
</tr>
<tr>
<td>6(D)</td>
<td>Wolf</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>6(A)</td>
<td>Wolf</td>
<td>Residents of Units 5(A), 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chiaksan, and 16–26.</td>
</tr>
<tr>
<td>6, remainder</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chichagof and 16–26.</td>
</tr>
<tr>
<td>Unit 7</td>
<td>Brown Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>7</td>
<td>Caribou</td>
<td>Residents of Port Graham and English Bay.</td>
</tr>
<tr>
<td>7, Brown Mountain hunt area</td>
<td>Goat</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>---------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>7, that portion draining into Kings Bay</td>
<td>Moose</td>
<td>Residents of Chenega Bay and Tatitlek. No Federal subsistence priority.</td>
</tr>
<tr>
<td>7, Remainder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 8</td>
<td>Sheep</td>
<td>Residents of Old Harbor, Ahnik, Larsen Bay, Karluk, Ouzinkie, and Port Lions. No Federal subsistence priority.</td>
</tr>
<tr>
<td>8</td>
<td>Elk</td>
<td>Residents of Unit 8.</td>
</tr>
<tr>
<td>8</td>
<td>Goat</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Unit 9(D)</td>
<td>Bison</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>9(A) and (B)</td>
<td>Black Bear</td>
<td>Residents of Units 9(A) and (B), and 17(A), (B), and (C).</td>
</tr>
<tr>
<td>9(A)</td>
<td>Brown Bear</td>
<td>Residents of Pedro Bay.</td>
</tr>
<tr>
<td>9(B)</td>
<td>Brown Bear</td>
<td>Residents of Unit 9(B).</td>
</tr>
<tr>
<td>9(C) and (D)</td>
<td>Brown Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>9(E)</td>
<td>Brown Bear</td>
<td>Residents of Chignik Lake, Egegik, Ivanof Bay, Perryville, and Port Heiden/Meshik.</td>
</tr>
<tr>
<td>9(A) and (B)</td>
<td>Caribou</td>
<td>Residents of Units 9(B), 9(C) and 17.</td>
</tr>
<tr>
<td>9(C)</td>
<td>Caribou</td>
<td>Residents of Unit 9(B), 9(C), 17 and residents of Egegik.</td>
</tr>
<tr>
<td>9(D)</td>
<td>Caribou</td>
<td>Residents of Unit 9(D), and residents of False Pass.</td>
</tr>
<tr>
<td>9(E)</td>
<td>Caribou</td>
<td>Residents of Units 9(B), 9(C), 9(E), 17, and residents of Nelson Lagoon and Sand Point.</td>
</tr>
<tr>
<td>9(A), (B), (C) and (E)</td>
<td>Moose</td>
<td>Residents of Unit 9(A), (B), (C) and (E).</td>
</tr>
<tr>
<td>9(D)</td>
<td>Moose</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>9(B)</td>
<td>Sheep</td>
<td>Residents of Illamna, Newhalen, Nondalton, Pedro Bay, and Port Alsworth. No Federal subsistence priority.</td>
</tr>
<tr>
<td>9, Remainder</td>
<td>Sheep</td>
<td>No determination.</td>
</tr>
<tr>
<td>9</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–26.</td>
</tr>
<tr>
<td>9(A), (B), (C), &amp; (E)</td>
<td>Beaver</td>
<td>Residents of Units 9(A), (B), (C), (E), and 17.</td>
</tr>
<tr>
<td>Unit 10 Unimak Island</td>
<td>Caribou</td>
<td>Residents of False Pass, King Cove, and Sand Point. No Federal subsistence priority.</td>
</tr>
<tr>
<td>10, Remainder</td>
<td></td>
<td>No determination.</td>
</tr>
<tr>
<td>10</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–26.</td>
</tr>
<tr>
<td>Unit 11</td>
<td>Bison</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>11, north of the Sanford River</td>
<td>Black Bear</td>
<td>Residents of Chistochina, Chitina, Copper Center, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Tazlina, Torrinsa, and Unit 11.</td>
</tr>
<tr>
<td>11, remainder</td>
<td>Black Bear</td>
<td>Residents of Chistochina, Chitina, Copper Center, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Tazlina, Torrinsa, and Unit 11.</td>
</tr>
<tr>
<td>11, north of the Sanford River</td>
<td>Brown Bear</td>
<td>Residents of Chistochina, Chitina, Copper Center, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Tazlina, Torrinsa, and Unit 11.</td>
</tr>
<tr>
<td>11, remainder</td>
<td>Brown Bear</td>
<td>Residents of Chistochina, Chitina, Copper Center, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Tazlina, Torrinsa, and Unit 11.</td>
</tr>
<tr>
<td>11, north of the Sanford River</td>
<td>Caribou</td>
<td>Residents of Units 11, 12, and 13 (A)–(D) and the residents of Chickaloon and Dot Lake.</td>
</tr>
<tr>
<td>11, remainder</td>
<td>Caribou</td>
<td>Residents of Units 11, 12, and 13 (A)–(D) and the residents of Chickaloon.</td>
</tr>
<tr>
<td>11</td>
<td>Goat</td>
<td>Residents of Unit 11 and the residents of Chitina, Chistochina, Copper Center, Gakona, Glennallen, Gulkana, Mentasta Lake, Tazlina, Torrinsa, and Dot Lake.</td>
</tr>
<tr>
<td>11, north of the Sanford River</td>
<td>Moose</td>
<td>Residents of Units 11, 12, and 13 (A)–(D) and the residents of Chickaloon.</td>
</tr>
<tr>
<td>11, remainder</td>
<td>Moose</td>
<td>Residents of Units 11 and Unit 13 (A) –(D) and the residents of Chickaloon.</td>
</tr>
<tr>
<td>11, north of the Sanford River</td>
<td>Sheep</td>
<td>Residents of Unit 12 and the communities and areas of Chitina, Chitina, Copper Center, Dot Lake, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Slana, McCarthy/South Wrangell/South Park, Tazlina and Tonsina; Residents along the Nabesna Road — Milepost 0–46 (Nabesna Road), and residents along the McCarthy Road — Milepost 0–62 (McCarthy Road).</td>
</tr>
<tr>
<td>11, remainder 11</td>
<td>Sheep</td>
<td>Residents of the communities and areas of Chisana, Chistochina, Chitina, Copper Center, Gakona, Glennallen, Gulkana, Kenny Lake, Mentasta Lake, Slana, McCarthy/South Wrangell/South Park, Tazlina and Tonsina; Residents along the Tok Cut off — Milepost 79–110 (Mentasta Pass), residents along the Nabesna Road — Milepost 0–46 (Nabesna Road), and residents along the McCarthy Road — Milepost 0–62 (McCarthy Road).</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>11</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–26.</td>
</tr>
<tr>
<td>11</td>
<td>Grouse (Spruce, Blue, Ruffed and Sharp-tailed).</td>
<td>Residents of Units 11, 12, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>11</td>
<td>Ptarmigan (Rock, Willow and White-tailed).</td>
<td>Residents of Units 11, 12, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>Unit 12</td>
<td>Brown Bear</td>
<td>Residents of Unit 12 and Dot Lake, Chistochina, Gakona, Mentasta Lake, and Slana.</td>
</tr>
<tr>
<td>12</td>
<td>Caribou</td>
<td>Residents of Unit 12 and residents of Dot Lake, Healy Lake, and Mentasta Lake.</td>
</tr>
<tr>
<td>12</td>
<td>South of a line from Noyes Mountain, southeast of the confluence of Tatschunda Creek to Nabesna River.</td>
<td>Residents of Unit 11 north of 62nd parallel (excluding North Slana Homestead and South Slana Homestead); and residents of Unit 12, 13(A)–(D) and the residents of Chickaloon, Dot Lake, and Healy Lake.</td>
</tr>
<tr>
<td>12, East of the Nabesna River and Nabesna Glacier, south of the Winter Trail from Pickerel Lake to the Canadian Border.</td>
<td>Moose</td>
<td>Residents of Unit 12 and residents of Dot Lake.</td>
</tr>
<tr>
<td>12, Remainder</td>
<td>Moose</td>
<td>Residents of Unit 12 and residents of Dot Lake, Healy Lake, and Mentasta Lake.</td>
</tr>
<tr>
<td>12</td>
<td>Sheep</td>
<td>Residents of Unit 12 and residents of Chistochina, Dot Lake, Healy Lake, and Mentasta Lake.</td>
</tr>
<tr>
<td>12</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon, 16–26.</td>
</tr>
<tr>
<td>Unit 13</td>
<td>Brown Bear</td>
<td>Residents of Units 11, 12 (along the Nabesna Road), 13, residents of Unit 20(D) except Fort Greely, and the residents of Chickaloon.</td>
</tr>
<tr>
<td>13(B)</td>
<td>Caribou</td>
<td>Residents of Units 11, 12 (along the Nabesna Road), 13, and the residents of Chickaloon and 16–26.</td>
</tr>
<tr>
<td>13(C)</td>
<td>Caribou</td>
<td>Residents of Units 11, 12 (along the Nabesna Road), 13, and the residents of Chickaloon.</td>
</tr>
<tr>
<td>13(A) &amp; (D)</td>
<td>Caribou</td>
<td>Residents of Units 11, 12 (along the Nabesna Road), 13, and the residents of Chickaloon.</td>
</tr>
<tr>
<td>13(E)</td>
<td>Caribou</td>
<td>Residents of Units 11, 12 (along the Nabesna Road), 13, and the residents of Chickaloon.</td>
</tr>
<tr>
<td>13(D)</td>
<td>Goat</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>13(A), (B), and (D)</td>
<td>Moose</td>
<td>Residents of Unit 13 and the residents of Chickaloon.</td>
</tr>
<tr>
<td>13(C)</td>
<td>Moose</td>
<td>Residents of Units 12, 13, and the residents of Chickaloon and Dot Lake.</td>
</tr>
<tr>
<td>13(E)</td>
<td>Moose</td>
<td>Residents of Unit 13 and the residents of Chickaloon, and of McKinley Village, and the area along the Parks Highway between milepost 216 and 239 (except no subsistence for residents of Denali National Park headquarters).</td>
</tr>
<tr>
<td>13(D)</td>
<td>Sheep</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>13</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon, 16–26.</td>
</tr>
<tr>
<td>13</td>
<td>Grouse (Spruce, Blue, Ruffed &amp; Sharp-tailed).</td>
<td>Residents of Units 11, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>Unit 14(B) and (C)</td>
<td>Brown Bear</td>
<td>Residents of Units 11, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>14</td>
<td>Goat</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>14</td>
<td>Moose</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>14(A) and (C)</td>
<td>Sheep</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Unit 15(C)</td>
<td>Black Bear</td>
<td>Residents of Port Graham and Nanwalek only. No Federal subsistence priority.</td>
</tr>
<tr>
<td>15, Remainder</td>
<td>Black Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>15</td>
<td>Brown Bear</td>
<td>Residents of Port Graham and Nanwalek. No Federal subsistence priority.</td>
</tr>
<tr>
<td>15(C), Port Graham and English Bay hunt areas.</td>
<td>Goat</td>
<td>Residents Seldovia area.</td>
</tr>
<tr>
<td>15(C), Seldovia hunt area</td>
<td>Goat</td>
<td>Residents of Ninilchik, Nanwalek, Port Graham, and Seldovia. No Federal subsistence priority.</td>
</tr>
<tr>
<td>15</td>
<td>Sheep</td>
<td>Residents of Unit 15. No Federal subsistence priority. No Federal subsistence priority.</td>
</tr>
<tr>
<td>15</td>
<td>Grouse (Spruce)</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Unit 16(B)</td>
<td>Black Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>16</td>
<td>Brown Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>16(A)</td>
<td>Moose</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>---------------</td>
</tr>
<tr>
<td>16(B)</td>
<td>Moose</td>
<td>Residents of Unit 16(B).</td>
</tr>
<tr>
<td>16</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon, and 16–26.</td>
</tr>
<tr>
<td>16</td>
<td>Grouse (Spruce, Blue, Ruffed and Sharp-tailed).</td>
<td>Residents of Units 11, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>16</td>
<td>Ptarmigan (Rock, Willow and White-tailed).</td>
<td>Residents of Units 11, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>Unit 17(A) and that portion of 17(B) draining into Nuyakuk Lake and Tikchik Lake.</td>
<td>Black Bear</td>
<td>Residents of Units 9(A) and (B), 17, and residents of Akaik and Akiachak.</td>
</tr>
<tr>
<td>17, remainder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17(A)</td>
<td>Black Bear</td>
<td>Residents of Units 9(A) and (B), 17, and residents of Akaik and Akiachak.</td>
</tr>
<tr>
<td>17(A) and (B) Those portions north and west of a line beginning from the Unit 18 boundary at the north-west end of Nenevok Lake, to the southern point of upper Togiak Lake, and northeast to the northern point of Nuyakuk Lake, northeast to the point where the Unit 17 boundary intersects the Shotgun Hills.</td>
<td>Brown Bear</td>
<td>Residents of Kwethluk.</td>
</tr>
<tr>
<td>17(B), that portion draining into Nuyakuk Lake and Tikchik Lake.</td>
<td>Brown Bear</td>
<td>Residents of Kwethluk.</td>
</tr>
<tr>
<td>17(B) and (C)</td>
<td>Brown Bear</td>
<td>Residents of Unit 17.</td>
</tr>
<tr>
<td>17</td>
<td>Caribou</td>
<td>Residents of Units 9(B), 17 and residents of Lime Village and Stony River.</td>
</tr>
<tr>
<td>17(A) and (B) Those portions north and west of a line beginning from the Unit 18 boundary at the north-west end of Nenevok Lake, to the southern point of upper Togiak Lake, and northeast to the northern point of Nuyakuk Lake, northeast to the point where the Unit 17 boundary intersects the Shotgun Hills.</td>
<td>Moose</td>
<td>Residents of Kwethluk.</td>
</tr>
<tr>
<td>17(A)</td>
<td>Moose</td>
<td>Residents of Unit 17 and residents of Goodnews Bay and Platinum; however, no subsistence for residents of Akiachak, Akiak and Quinhagak.</td>
</tr>
<tr>
<td>17(B) and (C)</td>
<td>Moose</td>
<td>Residents of Unit 17, and residents of Nondalton, Levelock, Goodnews Bay and Platinum.</td>
</tr>
<tr>
<td>17</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon, and 16–26.</td>
</tr>
<tr>
<td>17</td>
<td>Beaver</td>
<td>Residents of Units 9(A), (B), (C), (E), and 17.</td>
</tr>
<tr>
<td>Unit 18</td>
<td>Black Bear</td>
<td>Residents of Units 18, residents of Unit 19(A) living downstream of the Holokuk River, and residents of Holy Cross, Stebbins, St. Michael, Twin Hills, and Togiak.</td>
</tr>
<tr>
<td>18</td>
<td>Brown Bear</td>
<td>Residents of Akiachak, Akiak, Eek, Goodnews Bay, Kwethluk, Mt. Village, Napaskiak, Platinum, Quinhagak, St. Mary’s, and Tuluksak.</td>
</tr>
<tr>
<td>18</td>
<td>Caribou (Kilbuck caribou herd only).</td>
<td>INTERIM DETERMINATION BY FEDERAL SUBSISTENCE BOARD (12/18/91): residents of Tuluksak, Akiak, Akiachak, Kwethluk, Bethel, Oscarville, Napaskiak, Napakiak, Kasigluik, Atmanthluak, Nunapitchuk, Tuntutuliak, Eek, Quinhagak, Goodnews Bay, Platinum, Togiak, and Twin Hills.</td>
</tr>
<tr>
<td>18, Remainder</td>
<td>Caribou (except Kilbuck caribou herd).</td>
<td>Residents of Kwethluk.</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>---------------</td>
</tr>
<tr>
<td>18, that portion of the Yukon River drainage upstream of Russian Mission and that portion of the Kuslikwim River drainage upstream of, but not including the Tulukasak River drainage.</td>
<td>Moose</td>
<td>Residents of Unit 18 and residents of Upper Kalskag, Lower Kalskag, Antik, and Chuathbaluk.</td>
</tr>
<tr>
<td>18, remainder</td>
<td>Moose</td>
<td>Residents of Unit 18 and residents of Upper Kalskag and Lower Kalskag.</td>
</tr>
<tr>
<td>18</td>
<td>Muskox</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>18</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–23.</td>
</tr>
<tr>
<td>Unit 19(C), (D)</td>
<td>Bison</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>19(A) and (B)</td>
<td>Brown Bear</td>
<td>Residents of Unit 19 and 18 within the Kuslikwim River drainage upstream from, and including, the Johnson River.</td>
</tr>
<tr>
<td>19(C)</td>
<td>Brown Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>19(D)</td>
<td>Brown Bear</td>
<td>Residents of Units 19(A) and (D), and residents of Tulukasak and Lower Kalskag.</td>
</tr>
<tr>
<td>19(A) and (B)</td>
<td>Caribou</td>
<td>Residents of Units 19(A) and 19(B), residents of Unit 18 within the Kuslikwim River drainage upstream from, and including, the Johnson River, and residents of St. Marys, Marshall, Plot Station, Russian Mission.</td>
</tr>
<tr>
<td>19(C)</td>
<td>Caribou</td>
<td>Residents of Unit 19(C), and residents of Lime Village, McGrath, Nikolai, and Telida.</td>
</tr>
<tr>
<td>19(D)</td>
<td>Caribou</td>
<td>Residents of Unit 19(D), and residents of Lime Village, Sleetmute and Stony River.</td>
</tr>
<tr>
<td>19(A) and (B)</td>
<td>Moose</td>
<td>Residents of Unit 18 within Kuslikwim River drainage upstream from and including the Johnson River, and Unit 19.</td>
</tr>
<tr>
<td>19(C)</td>
<td>Moose</td>
<td>Residents of Unit 19.</td>
</tr>
<tr>
<td>19(D)</td>
<td>Moose</td>
<td>Residents of Unit 19 and residents of Lake Minchumina.</td>
</tr>
<tr>
<td>19</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–23.</td>
</tr>
<tr>
<td>Unit 20(D)</td>
<td>Bison</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>20(F)</td>
<td>Black Bear</td>
<td>Residents of Unit 20(F) and residents of Stevens Village and Manley.</td>
</tr>
<tr>
<td>20(E)</td>
<td>Brown Bear</td>
<td>Residents of Unit 12 and Dot Lake.</td>
</tr>
<tr>
<td>20(F)</td>
<td>Brown Bear</td>
<td>Residents of Unit 20(F) and residents of Stevens Village and Manley.</td>
</tr>
<tr>
<td>20(A)</td>
<td>Caribou</td>
<td>Residents of Cantwell, Nenana, and those domiciled between milepost 216 and 239 of the Parks Highway. No subsistence priority for residents of households of the Denali National Park Headquarters.</td>
</tr>
<tr>
<td>20(B)</td>
<td>Caribou</td>
<td>Residents of Unit 20(B), Nenana, and Tanana.</td>
</tr>
<tr>
<td>20(C)</td>
<td>Caribou</td>
<td>Residents of Unit 20(C) living east of the Teklanika River, residents of Cantwell, Lake Minchumina, Manley Hot Springs, Minto, Nenana, Nikolai, Tanana, Telida, and those domiciled between milepost 216 and 309. No subsistence priority for residents of households of the Denali National Park Headquarters. No subsistence priority for residents of households of the Denali National Park Headquarters.</td>
</tr>
<tr>
<td>20(O) and (E)</td>
<td>Caribou</td>
<td>Residents of 20(D), 20(E) and Unit 12 north of the Wrangell-St. Elias National Park and Preserve.</td>
</tr>
<tr>
<td>20(O) and (E)</td>
<td>Caribou</td>
<td>Residents of 20(O), 20(E) and Unit 12 north of the Wrangell-St. Elias National Park and Preserve.</td>
</tr>
<tr>
<td>20(F)</td>
<td>Caribou</td>
<td>Residents of 20(F), 25(D), and Manley.</td>
</tr>
<tr>
<td>20(A)</td>
<td>Moose</td>
<td>Residents of Cantwell, Minto, and Nenana, McKinley Village, the area along the Parks Highway between mileposts 216 and 239, except no subsistence for residents of households of the Denali National Park Headquarters. No subsistence priority for residents of households of the Denali National Park Headquarters.</td>
</tr>
<tr>
<td>20(B)</td>
<td>Moose</td>
<td>Minto Flats Management Area—residents of Minto and Nenana.</td>
</tr>
<tr>
<td>20(B)</td>
<td>Moose</td>
<td>Remainder—residents of Unit 20(B), and residents of Nenana and Tanana.</td>
</tr>
<tr>
<td>20(C)</td>
<td>Moose</td>
<td>Residents of Unit 20(C) (except that portion within Denali National Park and Preserve and that portion east of the Teklanika River), and residents of Cantwell, Manley, Minto, Nenana, the Parks Highway from milepost 300–309, Nikolai, Tanana, Telida, McKinley Village, and the area along the Parks Highway between mileposts 216 and 239. No subsistence priority for residents of households of the Denali National Park Headquarters.</td>
</tr>
<tr>
<td>20(D)</td>
<td>Moose</td>
<td>Residents of Unit 20(D) and residents of Tanacross.</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>20(F)</td>
<td>Moose</td>
<td>Residents of Unit 20(F), Marley, Minto and Stevens Village.</td>
</tr>
<tr>
<td>20(F)</td>
<td>Wolf</td>
<td>Residents of Unit 20(F), and residents of Stevens Village and Marley.</td>
</tr>
<tr>
<td>20(D)</td>
<td>Grouse, (Spruce, Blue, Ruffed and Sharp-tailed), Ptarmigan (Rock, Willow and White-tailed)</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon and 16–26.</td>
</tr>
<tr>
<td>Unit 22(A)</td>
<td>Black Bear</td>
<td>Residents of Unit 22(A) and Koyuk.</td>
</tr>
<tr>
<td>Unit 22(B)</td>
<td>Black Bear</td>
<td>Residents of Unit 22(B).</td>
</tr>
<tr>
<td>Unit 22(C), (D), and (E)</td>
<td>Black Bear</td>
<td>No Federal subsistence priority.</td>
</tr>
<tr>
<td>Unit 22(A)</td>
<td>Caribou</td>
<td>Residents of Unit 21(D) west of the Koyukuk and Yukon Rivers, and residents of Units 22 (except residents of St. Lawrence Island), 23, 24, and residents of Kotlik, Emmonak, Hooper Bay, Scammon Bay, Chevak, Marshall, Mountain Village, Pilot Station, Pila’s Point, Russian Mission, St. Mary’s, Sheldon Point, and Alakanuk.</td>
</tr>
<tr>
<td>22, Remainder</td>
<td>Caribou</td>
<td>Residents of Unit 21(D) west of the Koyukuk and Yukon Rivers, and residents of Units 22 (except residents of St. Lawrence Island), 23, 24.</td>
</tr>
<tr>
<td>22</td>
<td>Moose</td>
<td>Residents of Unit 22.</td>
</tr>
<tr>
<td>22(B)</td>
<td>Muskox</td>
<td>Residents of Unit 22(B).</td>
</tr>
<tr>
<td>22(C)</td>
<td>Muskox</td>
<td>Residents of Unit 22(C).</td>
</tr>
<tr>
<td>22(D)</td>
<td>Muskox</td>
<td>Residents of Unit 22(D) excluding St. Lawrence Island.</td>
</tr>
<tr>
<td>22(E)</td>
<td>Muskox</td>
<td>Residents of Unit 22(E) excluding Little Diomede Island.</td>
</tr>
<tr>
<td>22</td>
<td>Wolf</td>
<td>Residents of Units 23, 22, 21(D) north and west of the Yukon River, and residents of Kotlik.</td>
</tr>
<tr>
<td>Unit 23</td>
<td>Grouse (Spruce, Blue, Ruffed and Sharp-tailed), Ptarmigan (Rock, Willow and White-tailed), Black Bear</td>
<td>Residents of Units 11, 13, and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
<tr>
<td>23</td>
<td>Brown Bear</td>
<td>Residents of Units 21(D) west of the Koyukuk and Yukon Rivers, residents of Galena, and residents of Units 22, 23, 24 including residents of Wiseman but not including other residents of the Dalton Highway Corridor Management Area, and 26(A).</td>
</tr>
<tr>
<td>23</td>
<td>Caribou</td>
<td>Residents of Unit 23.</td>
</tr>
<tr>
<td>23</td>
<td>Moose</td>
<td>Residents of Unit 23 South of Kotzebue Sound and west of and including the Buckland River drainage.</td>
</tr>
<tr>
<td>23</td>
<td>Muskox</td>
<td>Residents of Unit 23 east and north of the Buckland River drainage.</td>
</tr>
<tr>
<td>23, Remainder</td>
<td>Sheep</td>
<td>Residents of Point Lay and Unit 23 north of the Arctic Circle.</td>
</tr>
<tr>
<td>23</td>
<td>Wolf</td>
<td>Residents of Units 6, 9, 10 (Unimak Island only), 11–13 and the residents of Chickaloon, and 16–26.</td>
</tr>
<tr>
<td>23</td>
<td>Grouse (Spruce, Blue, Ruffed and Sharp-tailed), Ptarmigan (Rock, Willow and White-tailed)</td>
<td>Residents of Units 11, 13 and the residents of Chickaloon, 15, 16, 20(D), 22 and 23.</td>
</tr>
</tbody>
</table>
### § 100.24

#### 50 CFR Ch. I (10-1-98 Edition)

<table>
<thead>
<tr>
<th>Area</th>
<th>Species</th>
<th>Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 24, that portion south of Caribou Mountain, and within the public lands composing or immediately adjacent to the Dalton Highway Corridor Management Area.</td>
<td>Black Bear</td>
<td>Residents of Stevens Village and residents of Unit 24 and Wiseman, but not including any other residents of the Dalton Highway Corridor Management Area.</td>
</tr>
<tr>
<td>Unit 24, remainder</td>
<td>Black Bear</td>
<td>Residents of Unit 24 and Wiseman, but not including any other residents of the Dalton Highway Corridor Management Area.</td>
</tr>
<tr>
<td>24, that portion south of Caribou Mountain, and within the public lands composing or immediately adjacent to the Dalton Highway Corridor Management Area.</td>
<td>Brown Bear</td>
<td>Residents of Stevens Village and residents of Unit 24 and Wiseman, but not including any other residents of the Dalton Highway Corridor Management Area.</td>
</tr>
<tr>
<td>24, remainder</td>
<td>Brown Bear</td>
<td>Residents of Unit 24 including Wiseman, but not including any other residents of the Dalton Highway Corridor Management Area.</td>
</tr>
<tr>
<td>26(A)</td>
<td>Sheep</td>
<td>Residents of Unit 24, and residents of Koyukuk and Galena.</td>
</tr>
<tr>
<td>26(B)</td>
<td>Sheep</td>
<td>Residents of Unit 24 residing north of the Arctic Circle and residents of Allakaket, Alatna, Hughes, and Huslia.</td>
</tr>
<tr>
<td>26(C)</td>
<td>Muskox</td>
<td>Residents of Kaktovik.</td>
</tr>
<tr>
<td>26(D)</td>
<td>Muskox</td>
<td>Residents of Anaktuvuk Pass, Arctic Village, Chickaloon, Fort Yukon, Kaktovik, and Venetie.</td>
</tr>
<tr>
<td>26(E)</td>
<td>Sheep</td>
<td>Residents of Unit 26, Anaktuvuk Pass, Arctic Village, Chickaloon, and Venetie.</td>
</tr>
<tr>
<td>26(F)</td>
<td>Sheep</td>
<td>Residents of Unit 26, Anaktuvuk Pass, Point Hope, and Venetie.</td>
</tr>
<tr>
<td>26(G)</td>
<td>Sheep</td>
<td>Residents of Unit 26, Anaktuvuk Pass, Arctic Village, Chickaloon, Fort Yukon, Point Hope, and Venetie.</td>
</tr>
<tr>
<td>26(H)</td>
<td>Sheep</td>
<td>Residents of Unit 26, Anaktuvuk Pass, Arctic Village, Chickaloon, Fort Yukon, Point Hope, and Venetie.</td>
</tr>
</tbody>
</table>

(2) Fish and shellfish determinations.

<table>
<thead>
<tr>
<th>Area</th>
<th>Species</th>
<th>Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern District.</td>
<td>All finfish</td>
<td>Residents of the Northern District, except for those domiciled in State of Alaska Unit 26-B.</td>
</tr>
<tr>
<td>Kotzebue District</td>
<td>Salmon, sheefish, char</td>
<td>Residents of the Kotzebue District.</td>
</tr>
</tbody>
</table>
### U.S. Fish and Wildlife Serv., Interior

<table>
<thead>
<tr>
<th>Area</th>
<th>Species</th>
<th>Determination</th>
</tr>
</thead>
<tbody>
<tr>
<td>NORTON SOUND—PORT CLARENCE AREA</td>
<td>Salmon</td>
<td>Residents of the Norton Sound-Port Clarence Area.</td>
</tr>
<tr>
<td>YUKON AREA</td>
<td>Salmon</td>
<td>Residents of the Yukon Area, including the community of Stebbins.</td>
</tr>
<tr>
<td></td>
<td>Yukon River Fall chum salmon</td>
<td>Residents of the Yukon River drainage, including the communities of Stebbins, Scammon Bay, Hooper Bay, and Chevak.</td>
</tr>
<tr>
<td></td>
<td>Freshwater fish species, including sockeye, whitefish, lamprey, burbot, sucker, grayling, pike, char, and blackfish</td>
<td>Residents of the Yukon Area.</td>
</tr>
<tr>
<td>KUSKOKWIM AREA</td>
<td>Salmon</td>
<td>Residents of the Kuskokwim Area.</td>
</tr>
<tr>
<td></td>
<td>Herring and herring roe</td>
<td>Residents within 20 miles of the coast between the westernmost tip of the Kuskokwim Peninsula and the terminus of the Ishowik River on Nunivak Island.</td>
</tr>
<tr>
<td>BRISTOL BAY AREA—Nushagak District, including drainages flowing into the district</td>
<td>Salmon</td>
<td>Residents of the Nushagak District and freshwater drainages flowing into the district.</td>
</tr>
<tr>
<td>Naknek-Kvichak District—Naknek River drainage</td>
<td>Salmon</td>
<td>Residents of the Naknek and Kvichak River drainages.</td>
</tr>
<tr>
<td>Naknek-Kvichak District—Iliaa-Lake Clark drainage</td>
<td>Salmon</td>
<td>Residents of the Iliaa-Lake Clark drainage.</td>
</tr>
<tr>
<td>Togiak District, including drainages flowing into the district</td>
<td>Salmon and other freshwater fish</td>
<td>Residents of the Togiak District, freshwater drainages flowing into the district, and the community of Manokotak.</td>
</tr>
<tr>
<td>KODIAK AREA—except the Mainland District, which is all waters along the southwest of the Alaska Peninsula bounded by the latitude of Cape Douglas (58° 52′ North latitude) mid-stream Shekotl Strait, and west of the longitude of the southern entrance of Imuay Bay near Kilolak Rocks (156° 20′ 30″ W longitude)</td>
<td>Salmon</td>
<td>Residents of the Kodiak Island Borough, except those residing on the Kodiak Coast Guard Base.</td>
</tr>
<tr>
<td>KODIAK AREA—except the Semidi Island, the North Mainland, and the South Mainland Sections</td>
<td>King crab</td>
<td>Residents of the Kodiak Island Borough except those residing on the Kodiak Coast Guard base.</td>
</tr>
<tr>
<td>COOK INLET AREA—Port Graham Subdistrict</td>
<td>Dolly Varden</td>
<td>Residents of Port Graham and English Bay.</td>
</tr>
<tr>
<td>Port Graham Subdistrict and Koyukuk Subdistrict</td>
<td>Salmon</td>
<td>Residents of Port Graham and English Bay.</td>
</tr>
<tr>
<td>Tyonek Subdistrict</td>
<td>Salmon</td>
<td>Residents of the village of Tyonek.</td>
</tr>
<tr>
<td>PRINCE WILLIAM SOUND AREA—South-Western District and Green Island</td>
<td>Salmon</td>
<td>Residents of the Southwestern District which is mainland waters from the outer point on the north shore of Granite Bay to Cape Fairfield, and Knight Island, Chenega Island, Bainbridge Island, Evens Island, Elrington Island, Latouche Island and adjacent islands.</td>
</tr>
<tr>
<td>PRINCE WILLIAM SOUND AREA—North of a line from Porcupine Point to Granite Point, and south of a line from Point Lowe to Tongue Point.</td>
<td>Salmon</td>
<td>Residents of the villages of Tattilek and Illamar.</td>
</tr>
<tr>
<td>YAKUTAT AREA—Oriental Stream from the terminus of streams and rivers of the Yakutat Area from the Doane River to the Nau River. Freshwater upstream from the terminus of streams and rivers of the Yakutat Area from the Doane River to Point Manby.</td>
<td>Dolly Varden char, steelhead trout, and smelt</td>
<td>Residents of the area east of Yakutat Bay, west of the Situk River drainage, and south of and including Knight Island.</td>
</tr>
<tr>
<td>Area</td>
<td>Species</td>
<td>Determination</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>SOUTH-EASTERN ALASKA AREA—</td>
<td></td>
<td></td>
</tr>
<tr>
<td>District 1—Section 1–E in waters of the Naha River and Roosevelt Lagoon.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>District 1—Section 1–F in Boca de Quadr in waters of Sockeye Creek and Hugh Smith Lake within 500 yards of the terminus of Sockeye Creek.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Saxman.</td>
</tr>
<tr>
<td>District 2—North of the latitude of the northernmost tip of Chasina Point and west of a line from the northernmost tip of Chasina Point to the easternmost tip of Grindall Island to the easternmost tip of the Kasaan Peninsula.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Kasaan.</td>
</tr>
<tr>
<td>District 3—Section 3–A in waters east of a line from Point Ildefonso to Tranquil Point.</td>
<td>Salmon, Dolly Varden char. and steelhead trout.</td>
<td>Residents of the City of Klawock and on Prince of Wales Island within the boundaries of the Klawock Heenya Corporation land holdings as they exist in 1989, and those residents of the City of Craig and on Prince of Wales Island within the boundaries of the Shan Seet Corporation land holdings as they exist in January 1989.</td>
</tr>
<tr>
<td>District 3—Section 3–C in waters of Sarkar Lakes.</td>
<td>Salmon, Dolly Varden char. and steelhead trout.</td>
<td>Residents of the City of Kasaan.</td>
</tr>
<tr>
<td>District 5—North of a line from Point Barrie to Boulder Point.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Kake and in Kupreanof Island drainages emptying into Keku Strait south of Point White and north of the Portage Bay boat harbor.</td>
</tr>
<tr>
<td>District 9—Section 9–A in waters east of a line from Fishery Point to south Passage Point and north of the latitude of Point Barrie.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Kake and in Kupreanof Island drainages emptying into Keku Strait south of Point White and north of the Portage Bay boat harbor.</td>
</tr>
<tr>
<td>District 10—West of a line from Point Barrie to False Point Pybus.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Kake and in Kupreanof Island drainages emptying into Keku Strait south of Point White and north of the Portage Bay boat harbor.</td>
</tr>
<tr>
<td>District 12—South of a line from Fishery Point to south Passage Point and north of the latitude of Point Dorothy Edward.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Kake and in Kupreanof Island drainages emptying into Keku Strait south of Point White and north of the Portage Bay boat harbor.</td>
</tr>
<tr>
<td>District 13—Section 13–A south of the latitude of Cape Edward.</td>
<td>Sockeye salmon.</td>
<td>Residents of the City and Borough of Sitka in drainages which empty into Section 13–B north of the latitude of Dorothy Narrows.</td>
</tr>
<tr>
<td>District 13—Section 13–B north of the latitude of Redfish Cape.</td>
<td>Sockeye salmon.</td>
<td>Residents of the City and Borough of Sitka in drainages which empty into Section 13–B north of the latitude of Dorothy Narrows.</td>
</tr>
<tr>
<td>District 13—Section 13–C east of the longitude of Point Elizabeth.</td>
<td>Salmon and Dolly Varden char.</td>
<td>Residents of the City of Angoon and along the western shore of Admiralty Island north of the latitude of Sand Island, south of the latitude of Thayer Creek, and west of 134° 30’ W. long., including Killisnoo Island.</td>
</tr>
<tr>
<td>District 14—Section 14–B and 14–C along the eastern shore of the Chilika River, but not elsewhere in Klukwan; and, those residents of other areas of the city and borough of Haines, excluding residents in the drainage of Excursion Inlet, Hal of Haines, excluding residents in the drainage of Excursion Inlet.</td>
<td>Salmon smelt and Dolly Varden char.</td>
<td>Residents of the City of Hoonah and in Chichagof Island drainages on the eastern shore of Port Frederick from Garina Creek to Point Sophia.</td>
</tr>
<tr>
<td>District 15—Chilkat and Chilkoot Rivers.</td>
<td>Salmon and smelt.</td>
<td>Residents west of the Haines highway between Mile 20 and Mile 24 and east of the Chilkat River, but not elsewhere in Klukwan; and, those residents of other areas of the city and borough of Haines, excluding residents in the drainage of Excursion Inlet, Hal of Haines, excluding residents in the drainage of Excursion Inlet.</td>
</tr>
</tbody>
</table>
Subpart D—Subsistence Taking of Fish and Wildlife

§ 100.25 Subsistence taking of wildlife.

(a) Definitions. The following definitions shall apply to all regulations contained in this section:

ADF&G means the Alaska Department of Fish and Game.

Aircraft means any kind of airplane, glider, or other device used to transport people or equipment through the air, excluding helicopters.

Airport means an airport listed in the Federal Aviation Administration, Alaska Airman’s Guide and chart supplement.

Animal means those species with a vertebral column (backbone).

Antler means one or more solid, horn-like appendages protruding from the head of a caribou, deer, or moose.

Antlered means any caribou, deer, or moose having at least one visible antler.

Antlerless means any caribou, deer, or moose not having visible antlers attached to the skull.

Bear means black bear, or brown or grizzly bear.

Bow means a longbow, recurve bow, or compound bow, excluding a crossbow, or any bow equipped with a mechanical device that holds arrows at full draw.

Broadhead means an arrowhead that is not barbed and has two or more steel cutting edges having a minimum cutting diameter of not less than seven-eighths inch.

Brow tine means a tine on the front portion of a moose antler, typically projecting forward from the base of the antler toward the nose.

Buck means any male deer.

Bull means any male moose, caribou, or musk oxen.

Closed season means the time when wildlife may not be taken.

Cub bear means a brown or grizzly bear in its first or second year of life, or a black bear (including cinnamon and blue phases) in its first year of life.

Designated hunter means a Federally qualified, licensed hunter who may take all or a portion of another Federally qualified, licensed hunter’s harvest limit(s) only under situations approved by the Board.

Edible meat means the breast meat of ptarmigan and grouse, and, those parts of black bear, brown and grizzly bear, caribou, deer, mountain goat, moose, musk oxen, and Dall sheep that are typically used for human consumption which are: the meat of the ribs, neck, brisket, front quarters as far as the juncture of the humerus and radius-ulna (elbow), hindquarters as far as the distal joint (bottom) of the tibia-fibula (hock) and that portion of the animal between the front and hindquarters; however, edible meat of species listed above does not include: meat of the head, meat that has been damaged and made inedible by the method of taking, bones, sinew, and incidental meat reasonably lost as a result of boning or close trimming of the bones, or viscera.

Federally-qualified subsistence user means a rural Alaska resident qualified to harvest fish or wildlife on Federal public lands in accordance with the Federal Subsistence Management Regulations in this part.

Fifty-inch (50-inch) moose means a bull moose with an antler spread of 50 inches or more.

Full curl horn means the horn of a Dall sheep ram; the tip of which has grown through 360 degrees of a circle described by the outer surface of the horn, as viewed from the side, or that both horns are broken, or that the sheep is at least 8 years of age as determined by horn growth annuli.

Furbearer means a beaver, coyote, arctic fox, red fox, lynx, marten, mink, weasel, muskrat, river (land) otter, red squirrel, flying squirrel, ground squirrel, marmot, wolf or wolverine.

Grouse collectively refers to all species found in Alaska, including spruce grouse, ruffed grouse, blue grouse and sharp-tailed grouse.

Hare or hares collectively refers to all species of hares (commonly called rabbits) in Alaska and includes snowshoe hare and tundra hare.

Harvest limit means the number of any one species permitted to be taken by any one person in a Unit or portion of a Unit in which the taking occurs.
Highway means the driveable surface of any constructed road.

Household means that group of people residing in the same residence.

Hunting means the taking of wildlife within established hunting seasons with archery equipment or firearms, and as authorized by a required hunting license.

Marmot collectively refers to all species of marmot that occur in Alaska including the hoary marmot, Alaska marmot, and the woodchuck.

Motorized vehicle means a motor-driven land, air or water conveyance.

Open season means the time when wildlife may be taken by hunting or trapping; an open season includes the first and last days of the prescribed season period.

Otter means river or land otter only, excluding sea otter.

Permit hunt means a hunt for which State or Federal permits are issued by registration or other means.

Poison means any substance which is toxic, or poisonous upon contact or ingestion.

Possession means having direct physical control of wildlife at a given time or having both the power and intention to exercise dominion or control of wildlife either directly or through another person or persons.

Ptarmigan collectively refers to all species found in Alaska, including white-tailed ptarmigan, rock ptarmigan, and willow ptarmigan.

Ram means a male Dall sheep.

Registration permit means a permit which authorizes hunting and is issued to a person who agrees to the specified hunting conditions. Hunting permitted by a registration permit begins on an announced date and continues throughout the open season, or until the season is closed by Board action. Registration permits are issued in the order applications are received and/or are based on priorities as determined by 50 CFR 100.17 and 36 CFR 242.17.

Sealing means placing a mark or tag on a portion of a harvested animal by an authorized representative of the ADF&G; sealing includes collecting and recording information about the conditions under which the animal was harvested, and measurements of the specimen submitted for sealing, or surrendering a specific portion of the animal for biological information.

Seven-eighths curl horn means the horn of a male Dall sheep, the tip of which has grown through seven-eighths (315 degrees) of a circle, described by the outer surface of the horn, as viewed from the side, or with both horns broken.

Skin, hide, pelt or fur mean any tanned or untanned external covering of an animal's body; excluding bear. The skin, hide, fur or pelt of a bear shall mean the entire external covering with claws attached.

Spike-fork moose means a bull moose with only one or two tines on either antler; male calves are not spike-fork bulls.

Take or taking means to pursue, hunt, shoot, trap, net, capture, collect, kill, harm, or attempt to engage in any such conduct.

Tine or antler point refers to any point on an antler, the length of which is greater than its width and is at least one inch.

Transportation means to ship, convey, carry or transport by any means whatever, and deliver or receive for such shipment, conveyance, carriage, or transportation.

Trapping means the taking of furbearers within established trapping seasons and with a required trapping license.

Unclassified wildlife or unclassified species means all species of animals not otherwise classified by the definitions in this paragraph (a), or regulated under other Federal law as listed in paragraph (i) of this section.

Ungulate means any species of hoofed mammal, including deer, caribou, moose, mountain goat, Dall sheep, and musk oxen.

Unit means one of the 26 geographical areas in the State of Alaska known as Game Management Units, or GMU, and collectively listed in this section as Units.

Wildlife means any hare (rabbit), ptarmigan, grouse, ungulate, bear, furbearer, or unclassified species and includes any part, product, egg, or offspring thereof, or carcass or part thereof.

(b) Wildlife may be taken for subsistence uses by any method, except as
prohibited in this section or by other Federal statute. Taking wildlife for subsistence uses by a prohibited method is a violation of this part. Seasons are closed unless opened by Federal regulation. Hunting or trapping during a closed season or in an area closed by this part is prohibited.

(1) Except for special provisions found at paragraphs (k)(1) through (26) of this section, the following methods and means of taking wildlife for subsistence uses are prohibited:

(i) Shooting from, on, or across a highway;

(ii) Using any poison;

(iii) Using a helicopter in any manner, including transportation of individuals, equipment or wildlife; however, this prohibition does not apply to transportation of an individual, gear, or wildlife during an emergency rescue operation in a life threatening situation;

(iv) Taking wildlife from a motorized land or air vehicle, when that vehicle is in motion or from a motor-driven boat when the boat's progress from the motor's power has not ceased;

(v) Using a motorized vehicle to drive, herd, or molest wildlife;

(vi) Using or being aided by use of a machine gun, set gun, or a shotgun larger than 10 gauge;

(vii) Using a firearm other than a shotgun, muzzle-loaded rifle, rifle or pistol using center-firing cartridges, for the taking of ungulates, bear, wolves or wolverine, except that—

(A) An individual in possession of a valid trapping license may use a firearm that shoots rimfire cartridges to take wolves and wolverine;

(B) Only a muzzle-loading rifle of .54-caliber or larger, or a .45-caliber muzzle-loading rifle with a 250-grain, or larger, elongated slug may be used to take brown bear, black bear, moose, musk oxen and mountain goat;

(viii) Using or being aided by use of a pit, fire, artificial light, radio communication, artificial salt lick, explosive, barbed arrow, bomb, smoke, chemical, conventional steel trap with a jaw spread over nine inches, or conibear style trap with a jaw spread over 11 inches;

(ix) Using a snare, except that an individual in possession of a valid hunting license may use nets and snares to take unclassified wildlife, ptarmigan, grouse, or hares; and, individuals in possession of a valid trapping license may use snares to take furbearers;

(x) Using a trap to take ungulates or bear;

(xi) Using hooks to physically snag, impale or otherwise take wildlife; however, hooks may be used as a trap drag;

(xii) Using a crossbow in any area restricted to hunting by bow and arrow only to take ungulates, bear, wolf or wolverine;

(xiii) Taking of ungulates, bear, wolf, or wolverine with a bow, unless the bow is capable of casting a 7/8 inch wide broadhead-tipped arrow at least 175 yards horizontally, and the arrow and broadhead together weigh at least one ounce (437.5 grains);

(xiv) Using bait for taking ungulates, bear, wolf, or wolverine; except, bait may be used to take wolves and wolverine with a trapping license, and, bait may be used to take black bears with a hunting license as authorized in Unit-specific regulations at paragraphs (k)(1) through (26) of this section. Baiting of black bears is subject to the following restrictions:

(A) No person may establish a black bear bait station unless he or she first registers the site with ADF&G;

(B) A person using bait shall clearly mark the site with a sign reading "black bear bait station" that also displays the person's hunting license number and ADF&G assigned number;

(C) Only biodegradable materials may be used for bait; only the head, bones, viscera, or skin of legally harvested fish and wildlife may be used for bait;

(D) No person may use bait within one-quarter mile of a publicly maintained road or trail;

(E) No person may use bait within one mile of a house or other permanent dwelling, or within one mile of a developed campground, or developed recreational facility;

(F) A person using bait shall remove litter and equipment from the bait station site when hunting is completed;

(G) No person may give or receive remuneration for the use of a bait station, including barter or exchange of goods;
§ 100.25

(H) No person may have more than two bait stations with bait present at any one time;

(xv) Taking swimming ungulates, bear, wolves or wolverine;

(xvi) Taking or assisting in the taking of ungulates, bear, wolves, wolverine, or other furbearers before 3:00 a.m. following the day in which airborne travel occurred (except for flights in regularly scheduled commercial aircraft); however this restriction does not apply to subsistence taking of deer;

(xvii) Taking a bear cub or a sow accompanied by cub(s).

(2) Wildlife taken in defense of life or property is not a subsistence use; wildlife so taken is subject to State regulations.

(3) The following methods and means of trapping furbearers, for subsistence uses pursuant to the requirements of a trapping license are prohibited, in addition to the prohibitions listed at paragraph (b)(1) of this section:

(i) Disturbing or destroying a den, except that any muskrat pushup or feeding house may be disturbed in the course of trapping;

(ii) Disturbing or destroying any beaver house;

(iii) Taking beaver by any means other than a steel trap or snare, except that firearms may be used in certain Units with established seasons as identified in Unit-specific regulations found in this subpart;

(iv) Taking otter with a steel trap having a jaw spread of less than five and seven-eighths inches during any closed mink and marten season in the same Unit;

(v) Using a net, or fish trap (except a blackfish or fyke trap);

(vi) Taking beaver in the Minto Flats Management Area with the use of an aircraft for ground transportation, or by landing within one mile of a beaver trap or set used by the transported person;

(vii) Taking or assisting in the taking of furbearers by firearm before 3:00 a.m. on the day following the day on which airborne travel occurred; however, this does not apply to a trapper using a firearm to dispatch furbearers caught in a trap or snare;

(c) Possession and transportation of wildlife. (1) Except as specified in paragraphs (c)(3)(ii) or (c)(4) of this section, or as otherwise provided, no person may take a species of wildlife in any Unit, or portion of a Unit, if that person’s total take of that species already obtained anywhere in the State under Federal and State regulations equals or exceeds the harvest limit in that Unit.

(2) An animal taken under Federal or State regulations by any member of a community with an established community harvest limit for that species counts toward the community harvest limit for that species. Except for wildlife taken pursuant to §100.6(f)(3) or as otherwise provided for by this Part, an animal taken as part of a community harvest limit counts toward every community member’s harvest limit for that species taken under Federal or State of Alaska regulations.

(3) Harvest limits. (i) Harvest limits, including those related to ceremonial uses, authorized by this section and harvest limits established in State regulations may not be accumulated.

(ii) Wildlife taken by a designated hunter for another person pursuant to §100.6(f)(2), counts toward the individual harvest limit of the person for whom the wildlife is taken.

(4) The harvest limit specified for a trapping season for a species and the harvest limit set for a hunting season for the same species are separate and distinct. This means that a person who has taken a harvest limit for a particular species under a trapping season may take additional animals under the harvest limit specified for a hunting season or vice versa.

(5) A brown/grizzly bear taken in a Unit or portion of a Unit having a harvest limit of one brown/grizzly bear per year counts against a one brown/grizzly bear every four regulatory years harvest limit in other Units; an individual may not take more than one brown/grizzly bear in a regulatory year.

(6) A harvest limit applies to the number of animals that can be taken during a regulatory year; however, harvest limits for grouse, ptarmigan, and caribou (in some Units) are regulated by the number that may be taken per day. Harvest limits of grouse and ptarmigan are also regulated by the number that can be held in possession.
(7) Unless otherwise provided, any person who gives or receives wildlife shall furnish, upon a request made by a Federal or State agent, a signed statement describing the following: names and addresses of persons who gave and received wildlife, the time and place that the wildlife was taken, and identification of species transferred. Where a qualified subsistence user has designated another qualified subsistence user to take wildlife on his or her behalf in accordance with §100.6, the permit shall be furnished in place of a signed statement.

(8) A rural Alaska resident who has been designated to take wildlife on behalf of another rural Alaska resident in accordance with §100.6, shall promptly deliver the wildlife to that rural Alaska resident.

(9) No person may possess, transport, give, receive or barter wildlife that was taken in violation of Federal or State statutes or a regulation promulgated thereunder.

(10) Evidence of sex and identity. (i) If subsistence take of Dall sheep is restricted to a ram, no person may possess or transport a harvested sheep unless both horns accompany the animal.

(ii) If the subsistence taking of an ungulate, except sheep, is restricted to one sex in the local area, no person may possess or transport the carcass of an animal taken in that area unless sufficient portions of the external sex organs remain attached to indicate conclusively the sex of the animal; however, this paragraph (c)(10)(ii) does not apply to the carcass of an ungulate that has been butchered and placed in storage or otherwise prepared for consumption upon arrival at the location where it is to be consumed.

(iii) If a moose harvest limit includes an antler size or configuration restriction, no person may possess or transport the moose carcass or its parts unless both antlers accompany the carcass or its parts. A person possessing a set of antlers with less than the required number of brow tines on one antler shall leave the antlers naturally attached to the unbroken, uncut skull plate; however, this paragraph (c)(10)(iii) does not apply to a moose carcass or its parts that have been butchered and placed in storage or otherwise prepared for consumption after arrival at the place where it is to be stored or consumed.

(11) All edible meat from caribou and moose harvested in Units 9(B), 17 and 19(B) prior to October 1 must remain on the bones of the front quarters and hind quarters until the meat is removed from the field or is processed for human consumption.

(d) A person who takes an animal that has been marked or tagged for scientific studies must, within a reasonable time, notify the ADF&G or the agency identified on the collar or marker, when and where the animal was taken. Any ear tag, collar, radio, tattoo, or other identification must be retained with the hide until it is sealed, if sealing is required; in all cases, any identification equipment must be returned to the ADF&G or to an agency identified on such equipment.

(e) Sealing of bear skins and skulls. (1) Sealing requirements for bear shall apply to brown bears taken in all Units, except as specified below, and black bears of all color phases taken in Units 1-7, 11-17, and 20.

(2) No person may possess or transport from Alaska, the untanned skin or skull of a bear unless the skin and skull have been sealed by an authorized representative of ADF&G in accordance with State or Federal regulations, except that the skin and skull of a brown bear taken under a registration permit in the Western Alaska Brown Bear Management Area, the Northwest Alaska Brown Bear Management Area, Unit 5, or Unit 9(B) need not be sealed unless removed from the area.

(3) A person who possesses a bear shall keep the skin and skull together until a representative of the ADF&G has removed a rudimentary premolar tooth from the skull and sealed both the skull and the skin; however, this provision shall not apply to brown bears taken within the Western Alaska Brown Bear Management Area, the Northwest Alaska Brown Bear Management Area, Unit 5, or Unit 9(B) which are not removed from the Management Area or Unit.

(i) In areas where sealing is required by Federal regulations, no person may possess or transport the hide of a bear
which does not have the penis sheath or vaginal orifice naturally attached to indicate conclusively the sex of the bear.

(ii) If the skin or skull of a bear taken in the Western Alaska Brown Bear Management Area is removed from the area, it must first be sealed by an ADF&G representative in Bethel, Dillingham, or McGrath; at the time of sealing, the ADF&G representative shall remove and retain the skin of the skull and front claws of the bear.

(iii) If the skin or skull of a bear taken in the Northwestern Alaska Brown Bear Management Area is removed from the area or presented for commercial tanning within the Management Area, it must first be sealed by an ADF&G representative in Barrow, Fairbanks, Galena, Nome, or Kotzebue; at the time of sealing, the ADF&G representative shall remove and retain the skin of the skull and front claws of the bear.

(iv) If the skin or skull of a bear taken in Unit 5 is removed from the area, it must first be sealed by an ADF&G representative in Yakutat; at the time of sealing, the ADF&G representative shall remove and retain the skin of the skull and front claws of the bear.

(4) No person may falsify any information required on the sealing certificate or temporary sealing form provided by the ADF&G in accordance with State regulations.

(f) Sealing of beaver, lynx, marten, otter, wolf, and wolverine. No person may possess or transport from Alaska the untanned skin of a marten taken in Units 1-5, 7, 13(E), and 14-16 or the untanned skin of a beaver, lynx, otter, wolf, or wolverine, whether taken inside or outside the state, unless the skin has been sealed by an authorized representative of ADF&G in accordance with State regulations.

(1) Any wolf taken in Unit 2 must be sealed on or before the 30th day after the date of taking.

(2) The radius and ulna of the left foreleg must remain naturally attached to the hide of any wolf taken in Units 1-5 until the hide is sealed.

(g) A person who takes a species listed in paragraph (f) of this section but who is unable to present the skin in person, must complete and sign a temporary sealing form and ensure that the completed temporary sealing form and skin are presented to an authorized representative of ADF&G for sealing consistent with requirements listed in paragraph (f) of this section.

(h) Utilization of wildlife.

(1) No person may use wildlife as food for a dog or furbearer, or as bait, except for the following:

(i) The hide, skin, viscera, head, or bones of wildlife;

(ii) The skinned carcass of a furbearer;

(iii) Squirrels, hares (rabbits), grouse and ptarmigan; however, the breast meat of grouse and ptarmigan may not be used as animal food or bait;

(iv) Unclassified wildlife.

(2) A person taking wildlife for subsistence shall salvage the following parts for human use:

(i) The hide of a wolf, wolverine, coyote, fox, lynx, marten, mink, weasel or otter;

(ii) The hide and edible meat of a brown bear, except that the hide of brown bears taken in the Western and Northwestern Alaska Brown Bear Management Areas and Units 5 and 9(B) need not be salvaged;

(iii) The hide and edible meat of a black bear;

(iv) The hide or meat of squirrels, hares (rabbits), marmots, beaver, muskrats, or unclassified wildlife.

(3) Failure to salvage edible meat of ungulates, bear, or grouse and ptarmigan is prohibited.

(4) Failure to salvage the edible meat may not be a violation if such failure is caused by circumstances beyond the control of a person, including theft of the harvested wildlife, unanticipated weather conditions, or unavoidable loss to another animal.

these Acts. The taking and use of wildlife, covered by these Acts, will conform to the specific provisions contained in these Acts, as amended, and any implementing regulations.

(j) Rural residents, non-rural residents, and nonresidents not specifically prohibited by Federal regulations from hunting or trapping on public lands in an area, may hunt or trap on public lands in accordance with the appropriate State regulations.

(k) Unit regulations. Subsistence taking of unclassified wildlife, all squirrel species, and marmots is allowed in all Units, without harvest limits, for the period of July 1 through June 30. Subsistence taking of wildlife outside established Unit seasons, or in excess of the established Unit harvest limits, is prohibited unless otherwise modified by subsequent regulation. Taking of wildlife under State regulations on public lands is permitted, except as otherwise restricted at paragraphs (k)(1) through (26) of this section. Additional Unit-specific restrictions or allowances for subsistence taking of wildlife are identified at paragraphs (k)(1) through (26) of this section.

(i) Unit 1. Unit 1 consists of all mainland drainages from Dixon Entrance to Cape Fairweather, and those islands east of the center line of Clarence Strait from Dixon Entrance to Caamano Point, and all islands in Stephens Passage and Lynn Canal north of Taku Inlet:

(ii) Unit 1(A) consists of all drainages south of the latitude of Lemesurier Point including all drainages into Behm Canal, excluding all drainages of Ernest Sound;

(iii) Unit 1(B) consists of all drainages between the latitude of Lemesurier Point and the latitude of Cape Fanshaw including all drainages of Ernest Sound and Farragut Bay, and including the islands east of the center lines of Frederick Sound, Dry Strait (between Sergief and Kadin Islands), Eastern Passage, Blake Channel (excluding Blake Island), Ernest Sound and Seward Passage;

(iv) Unit 1(C) consists of that portion of Unit 1 draining into Stephens Passage and Lynn Canal north of Cape Fanshaw and south to the latitude of Eldred Rock including Berners Bay, Sullivan Island, and all mainland portions north of Chichagof Island and south of the latitude of Eldred Rock, excluding drainages into Farragut Bay;

(v) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) Public lands within Glacier Bay National Park are closed to all taking of wildlife for subsistence uses;
(B) Unit 1(A)—in the Hyder area, the Salmon River drainage downstream from the Riverside Mine, excluding the Thumb Creek drainage, is closed to the taking of bear;
(C) Unit 1(B)—the Anan Creek drainage within one mile of Anan Creek downstream from the mouth of Anan Lake, including the area within a one mile radius from the mouth of Anan Creek Lagoon, is closed to the taking of black bear and brown bear;
(D) Unit 1(C):

(I) The area within one-fourth mile of Mendenhall Lake, the U.S. Forest Service Mendenhall Glacier Visitor's Center, and the Center's parking area, is closed to hunting;
(II) The area of Mt. Bullard bounded by the Mendenhall Glacier, Nugget Creek from its mouth to its confluence with Goat Creek, and a line from the mouth of Goat Creek north to the Mendenhall Glacier, is closed to the taking of mountain goat;
(vi) In Unit 1(C), Juneau area, the trapping of furbearers for subsistence uses is prohibited on the following public lands:

(A) A strip within one-quarter mile of the mainland coast between the end of Thane Road and the end of Glacier Highway at Echo Cove;
(B) That area of the Mendenhall Valley bounded on the south by the Glacier Highway, on the west by the Mendenhall Loop Road and Montana Creek Road and Spur Road to Mendenhall Lake, on the north by Mendenhall Lake, and on the east by the Mendenhall Loop Road and Forest Service Glacier Spur Road to the Forest Service Visitor Center;
§ 100.25

(C) That area within the U.S. Forest Service Mendenhall Glacier Recreation Area;

(D) A strip within one-quarter mile of the following trails as designated on U.S. Geological Survey maps: Herbert Glacier Trail, Windfall Lake Trail, Peterson Lake Trail, Spaulding Meadows Trail (including the loop trail), Nugget Creek Trail, Outer Point Trail, Dan Moller Trail, Perseverance Trail, Granite Creek Trail, Mt. Roberts Trail and Nelson Water Supply Trail, Sheep Creek Trail, and Point Bishop Trail;

(vii) Unit-specific regulations:

(A) Bait may be used to hunt black bear in Units 1(A), 1(B), and 1(D) between April 15 and June 15;

(B) Boats may not be used to take ungulates, bear, wolves, or wolverine, except for persons certified as disabled;

(C) The taking of wildlife outside the seasons or harvest limits provided in this part for food in traditional religious ceremonies which are part of a funerary or mortuary cycle, including memorial potlatches, is authorized in Units 1–5 provided that:

1. The person organizing the religious ceremony, or designee, contact the appropriate Federal land management agency prior to taking or attempting to take game and provides to the appropriate Federal land managing agency the name of the decedent, the nature of the ceremony, the species and number to be taken, the Unit(s) in which the taking will occur;

2. The taking does not violate recognized principles of fish and wildlife conservation;

3. Each person who takes wildlife under this section must, as soon as practicable, and not more than 15 days after the harvest, submit a written report to the appropriate Federal land managing agency, specifying the harvester’s name and address, the number, sex and species of wildlife taken, the date and locations of the taking, and the name of the decedent for whom the ceremony was held;

4. No permit or harvest ticket is required for taking under this section; however, the harvester must be an Alaska rural resident with customary and traditional use in that area where the harvesting will occur;

(D) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Hunting</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear: 2 bears, no more than one may be a blue or glacier bear</td>
<td>Sept. 1–June 30. Mar. 15–May 31.</td>
</tr>
<tr>
<td>Brown Bear: 1 bear every four regulatory years by State registration permit only</td>
<td></td>
</tr>
<tr>
<td>Deer:</td>
<td></td>
</tr>
<tr>
<td>Unit 1(A)–4 antlered deer</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Unit 1(B)–2 antlered deer</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Unit 1(C)–4 deer; however, antlerless deer may be taken only from Sept. 15–Dec. 31</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Goat:</td>
<td></td>
</tr>
<tr>
<td>Unit 1(A)–Revvigagedo Island only</td>
<td></td>
</tr>
<tr>
<td>Unit 1(B)–that portion north of LeConte Bay, 1 goat by State registration permit only; the taking of kids or nannies accompanied by kids is prohibited.</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Unit 1(B)–that portion between LeConte Bay and the North Fork of Bradfield River/Canal, 2 goats; a State registration permit will be required for the taking of the first goat and a Federal registration permit for the taking of a second goat; the taking of kids or nannies accompanied by kids is prohibited.</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Unit 1(A) and Unit 1(B)–Remainder–2 goats by State registration permit only</td>
<td>Oct. 1–Nov. 30.</td>
</tr>
<tr>
<td>Unit 1(C)–that portion draining into Lynn Canal and Stephens Passage between Antler River and Eagle Glacier and River, and all drainages of the Chilkat Range south of the Endicott River–1 goat by State registration permit only.</td>
<td></td>
</tr>
<tr>
<td>Unit 1(C)–that portion draining into Stephens Passage and Taku Inlet between Eagle Glacier and River, and all drainages of the Chilkat Range south of the Taku Glacier–1 goat by State registration permit only.</td>
<td></td>
</tr>
<tr>
<td>Remainder of Unit 1(C)–1 goat by State registration permit only</td>
<td>Aug. 1–Nov. 30.</td>
</tr>
<tr>
<td>Unit 1(D)–that portion lying north of the Katzehin River and northeast of the Haines highway–1 goat by State registration permit only.</td>
<td>Sept. 15–Nov. 30.</td>
</tr>
</tbody>
</table>
U.S. Fish and Wildlife Serv., Interior § 100.25

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 1(D)</strong>—that portion lying between Taiya Inlet and River and the White Pass and Yukon Railroad. Remainder of Unit 1(D)—1 goat by State registration permit only</td>
<td>Aug. 1±Dec. 31.</td>
</tr>
<tr>
<td><strong>Moose:</strong></td>
<td></td>
</tr>
<tr>
<td>Unit 1(A)—1 antlered bull</td>
<td>No open season.</td>
</tr>
<tr>
<td>Unit 1(B)—1 antlered bull with spike-fork or 50-inch antlers or 3 or more brow tines on either antler, by State registration permit only.</td>
<td>Sept. 15±Oct. 15.</td>
</tr>
<tr>
<td>Unit 1(C), that portion south of Point Hobart including all Port Houghton drainages—1 antlered bull with spike-fork or 50-inch antlers or 3 or more brow tines on either antler, by State registration permit only.</td>
<td>Sept. 15±Oct. 15.</td>
</tr>
<tr>
<td>Remainder of Unit 1(C)—excluding drainages of Berners Bay—1 antlered bull by State registration permit only.</td>
<td>Sept. 15±Oct. 15.</td>
</tr>
<tr>
<td><strong>Unit 1(D)</strong></td>
<td>No open season.</td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1±Apr. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black, and Silver Phases): 2 foxes</td>
<td>Sept. 1±Apr. 30.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): 5 hares per day</td>
<td>Sept. 1±Apr. 30.</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>Sept. 1±Apr. 30.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Sept. 1±Apr. 30.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Dec. 1±Feb. 15.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession</td>
<td>Aug. 1±May 15.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 1±May 15.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trapping</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beaver:</strong></td>
</tr>
<tr>
<td>Unit 1(A), (B), and (C)—No limit</td>
</tr>
<tr>
<td>Coyote: No limit</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black, and Silver Phases): No limit</td>
</tr>
<tr>
<td>Lynx: No limit</td>
</tr>
<tr>
<td>Marten: No limit</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
</tr>
<tr>
<td>Otter: No limit</td>
</tr>
<tr>
<td>Wolf: No limit</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
</tr>
</tbody>
</table>

(2) Unit 2. Unit 2 consists of Prince of Wales Island and all islands west of the center lines of Clarence Strait and Kashevarof Passage, south and east of the center lines of Summer Strait, and east of the longitude of the westernmost point on Warren Island.

(i) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15.

(B) Boats may not be used to take ungulates, bear, wolves, or wolverine except for persons certified as disabled.

(C) The taking of wildlife outside the seasons or harvest limits provided in this part for food in traditional religious ceremonies which are part of a funerary or mortuary cycle, including memorial potlatches, is authorized in Units 1-5 provided that:

(1) The person organizing the religious ceremony, or designee, contact the appropriate Federal land management agency prior to taking or attempting to take game and provides to the appropriate Federal land managing agency the name of the decedent, the nature of the ceremony, the species and number to be taken, the Unit(s) in which the taking will occur;

(2) The taking does not violate recognized principles of fish and wildlife conservation;

(3) Each person who takes wildlife under this section must, as soon as practicable, and not more than 15 days after the harvest, submit a written report to the appropriate Federal land managing agency, specifying the harvester’s name and address, the number, sex and species of wildlife taken, the date and locations of the taking, and the name of the decedent for whom the ceremony was held;

(4) No permit or harvest ticket is required for taking under this section; however, the harvester must be an Alaska rural resident with customary and traditional use in that area where the harvesting will occur;

(D) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer on his or her behalf unless
§ 100.25

the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

(ii) [Reserved]

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
<tr>
<td>Black Bear: 2 bears, no more than one may be a blue or glacier bear</td>
<td>Sept. 1–June 30, Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Deer: 4 deer; however, no more than one may be an antlerless deer. Antlerless deer may be taken only during the period Oct. 15–Dec. 31 by Federal registration permit only.</td>
<td></td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1–Apr. 30, Nov. 1–Feb. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): 5 hares per day</td>
<td>Sept. 1–Apr. 30, Dec. 1–Mar. 31.</td>
</tr>
<tr>
<td>Lynx: 2 lynxes</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td></td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: No limit</td>
<td>Dec. 1–May 15.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black, and Silver Phases): No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Marten: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10–Apr. 30.</td>
</tr>
</tbody>
</table>

(3) Unit 3. (i) Unit 3 consists of all islands west of Unit 1(B), north of Unit 2, south of the center line of Frederick Sound, and east of the center line of Chatham Strait including Coronation, Kuli, Kupreanof, Mitkof, Zarembo, Kashgarof, Woronkofski, Etolin, Wrangel, and Deer Islands.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) In the Petersburg vicinity, a strip one-fourth mile wide on each side of the Mitkof Highway from Milepost 0 to Crystal Lake campground is closed to the taking of ungulates, bear, wolves, and wolverine;

(B) The Petersburg Creek drainage on Kupreanof Island is closed to the taking of black bears;

(C) Blind Slough draining into Wrangell Narrows and a strip one-fourth mile wide on each side of Blind Slough, from the hunting closure markers at the southernmost portion of Blind Island to the hunting closure markers one mile south of the Blind Slough bridge, are closed to all hunting.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15;

(B) Boats may not be used to take ungulates, bears, wolves, or wolverine, except for persons certified as disabled;

(C) The taking of wildlife outside the seasons or harvest limits provided in this part for food in traditional religious ceremonies which are part of a funerary or mortuary cycle, including memorial potlatches, is authorized in Units 1-5 provided that:

(1) The person organizing the religious ceremony, or designee, contact the appropriate Federal land management agency prior to taking or attempting to take game and provides to the appropriate Federal land managing agency the name of the decedent, the nature of the ceremony, the species and number to be taken, the Unit(s) in which the taking will occur;

(2) The taking does not violate recognized principles of fish and wildlife conservation;
(3) Each person who takes wildlife under this section must, as soon as practicable, and not more than 15 days after the harvest, submit a written report to the appropriate Federal land managing agency, specifying the harvester's name and address, the number, sex and species of wildlife taken, the date and locations of the taking, and the name of the decedent for whom the ceremony was held;

(4) No permit or harvest ticket is required for taking under this section; however, the harvester must be an Alaska rural resident with customary and traditional use in that area where the harvesting will occur;

(D) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear: 2 bears, no more than one may be a blue or glacier bear</td>
<td>Sept. 1–June 30.</td>
</tr>
<tr>
<td>Deer: Unit 3—Mitkof Island, Woevodski Island, Butterworth Islands, and that portion of Kupreanof Island which includes Lindenburg Peninsula east of the Portage Bay/Duncan Canal Portage—1 antlered deer by State registration permit only; however, the city limits of Petersburg and Kupreanof are closed to hunting. Remainder of Unit 3—2 antlered deer</td>
<td>Aug. 1–Nov. 15.</td>
</tr>
<tr>
<td>Moose: Unit 3—1 antlered bull with spike-fork or 50-inch antlers or 3 or more brow tines on either antler by State registration permit only. Coyote: 2 coyotes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black, and Silver Phases): 2 foxes</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): 5 hares per day</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
</tbody>
</table>

| **Trapping** | |
| Beaver: Unit 3—Mitkof Island No limit | Dec. 1–Apr. 15. |
| Coyote: No limit | Dec. 1–Apr. 15. |
| Fox, Red (including Cross, Black, and Silver Phases): No limit | Dec. 1–Apr. 15. |
| Lynx: No limit | Dec. 1–Apr. 15. |
| Marten: No limit | Dec. 1–Apr. 15. |
| Mink and Weasel: No limit | Dec. 1–Apr. 15. |
| Muskrat: No limit | Dec. 1–Apr. 15. |
| Otter: No limit | Dec. 1–Apr. 15. |
| Wolf: No limit | Dec. 1–Apr. 15. |
| Wolverine: No limit | Dec. 1–Apr. 15. |

(4) Unit 4. (i) Unit 4 consists of all islands south and west of Unit 1(C) and north of Unit 3 including Admiralty, Baranof, Chichagof, Yakobi, Inian, Lemesurier, and Pleasant Islands.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) The Seymour Canal Closed Area (Admiralty Island) including all drainages into northwestern Seymour Canal between Staunch Point and the southernmost tip of the unnamed peninsula separating Swan Cove and King Salmon Bay including Swan and Windfall Islands, is closed to the taking of bears;

(B) The Salt Lake Closed Area (Admiralty Island) including all lands within one-fourth mile of Salt Lake above Klutchman Rock at the head of Mitchell Bay, is closed to the taking of bears;

(C) Port Althorp Closed Area (Chichagof Island), that area within
§ 100.25 50 CFR Ch. I (10-1-98 Edition)

The Port Althorp watershed south of a line from Point Lucan to Salt Chuck Point (Truck Rock), is closed to the taking of brown bears;

(D) Northeast Chichagof Controlled Use Area (NECCUA) consisting of all portions of Unit 4 on Chichagof Island north of Tenakee Inlet and east of the drainage divide from the northwest point of Gull Cove to Port Frederick Portage, including all drainages into Port Frederick and Mud Bay, is closed to the use of any motorized land vehicle for brown bear hunting, or for the taking of marten, mink, or weasel.

(iii) Unit-specific regulations:
(A) Boats may not be used to take bear, wolves, or wolverine, except for persons certified as disabled;
(B) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time;
(C) The taking of wildlife outside the seasons or harvest limits provided in this part for food in traditional religious ceremonies which are part of a funerary or mortuary cycle, including memorial potlatches, is authorized in Units 1-5 provided that:
(1) The person organizing the religious ceremony, or designee, contact the appropriate Federal land management agency prior to taking or attempting to take game and provides to the appropriate Federal land managing agency the name of the decedent, the nature of the ceremony, the species and number to be taken, the Unit(s) in which the taking will occur;
(2) The taking does not violate recognized principles of fish and wildlife conservation;
(3) Each person who takes wildlife under this section must, as soon as practicable, and not more than 15 days after the harvest, submit a written report to the appropriate Federal land managing agency, specifying the harvester’s name and address, the number, sex and species of wildlife taken, the date and locations of the taking, and the name of the decedent for whom the ceremony was held;
(4) No permit or harvest ticket is required for taking under this section; however, the harvester must be an Alaska rural resident with customary and traditional use in that area where the harvesting will occur;

(D) Chichagof Island is closed to the use of any motorized land vehicle for the taking of marten, mink, and weasel.

| Harvest limits |
| Open season |
| Hunting |


Unit 4—Chichagof Island south and west of a line that follows the crest of the island from Rock Point (58° N. lat., 136° 21’ W. long.), to Rodgers Point (57° 34’ N. lat., 135° 20’ W. long.), to the entrance of Gut Bay (56° 44’ N. lat., 134° 38’ W. long.) including Yakobi and other adjacent islands; Baranof Island south and west of a line which follows the crest of the island from Nisemi Point (57° 34’ N. lat., 135° 20’ W. long.), to the entrance of Gut Bay (56° 44’ N. lat., 134° 38’ W. long.) including the drainages into Gut Bay and including Kruzof and other adjacent islands—1 bear every four regulatory years by State registration permit only

Remainder of Unit 4—1 bear every four regulatory years by State registration permit only

Deer: 6 deer; however, antlerless deer may be taken only from Sept. 15-Jan. 31

Goat: 1 goat by State registration permit only

Coyote: 2 coyotes

Fox, Red (including Cross, Black, and Silver Phases): 2 foxes

Hare (Snowshoe and Tundra): 5 hares per day

Lynx: 2 lynx

Wolf: 5 wolves

Wolverine: 1 wolverine

Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession

Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession

Sept. 15-Dec. 31.


Sept. 15-Dec. 31.


Nov. 1-Feb. 15.

Nov. 1-Feb. 15.

Aug. 1-May 15.

Aug. 1-May 15.

Aug. 1-May 15.
(5) Unit 5. (i) Unit 5 consists of all Gulf of Alaska drainages and islands between Cape Fairweather and the center line of Icy Bay, including the Guyot Hills:

(A) Unit 5(A) consists of all drainages east of Yakutat Bay, Disenchantment Bay, and the eastern edge of Hubbard Glacier, and includes the islands of Yakutat and Disenchantment Bays;

(B) Unit 5(B) consists of the remainder of Unit 5.

(ii) Public lands within Glacier Bay National Park are closed to all taking of wildlife for subsistence uses.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15;

(B) Boats may not be used to take ungulates, bear, wolves, or wolverine, except for persons certified as disabled;

(C) Unit 5 is open to brown bear hunting by Federal registration permit in lieu of a State metal locking tag; no State metal locking tag is required for taking a brown bear in Unit 5, provided that the hunter has obtained a Federal registration permit prior to hunting;

(D) The taking of wildlife outside the seasons or harvest limits provided in this part for food in traditional religious ceremonies which are part of a funerary or mortuary cycle, including memorial potlatches, is authorized in Units 1-5 provided that:

(I) The person organizing the religious ceremony, or designee, contact the appropriate Federal land management agency prior to taking or attempting to take game and provides to the appropriate Federal land managing agency the name of the decedent, the nature of the ceremony, the species and number to be taken, the Unit(s) in which the taking will occur;

(II) The taking does not violate recognized principles of fish and wildlife conservation;

(III) Each person who takes wildlife under this section must, as soon as practicable, and not more than 15 days after the harvest, submit a written report to the appropriate Federal land managing agency, specifying the harvester's name and address, the number, sex and species of wildlife taken, the date and locations of the taking, and the name of the decedent for whom the ceremony was held;

(IV) No permit or harvest ticket is required for taking under this section; however, the harvester must be an Alaska rural resident with customary and traditional use in that area where the harvesting will occur;

(E) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer or moose on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.
### Harvest Limits

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear</td>
<td>2 bears, no more than one may be a blue or glacier bear</td>
</tr>
<tr>
<td>Brown Bear</td>
<td>1 bear by Federal registration permit only</td>
</tr>
<tr>
<td>Deer</td>
<td></td>
</tr>
<tr>
<td>Unit 5(A)</td>
<td>1 bull</td>
</tr>
<tr>
<td>Unit 5(B)</td>
<td></td>
</tr>
<tr>
<td>Moose</td>
<td>Unit 5(A), Nunatak Bench—1 moose by State registration permit only. The season will be closed when 5 moose have been taken from the Nunatak Bench. Unit 5(A), except Nunatak Bench—1 antlered bull by Federal registration permit only. The season will be closed when 60 antlered bulls have been taken from the Unit. The season will be closed in that portion west of the Dangerous River when 30 antlered bulls have been taken in that area. From Oct. 15–Oct. 21, public lands will be closed to taking of moose, except by rural Alaska residents of Unit 5(A). Unit 5(B)—1 antlered bull by State registration permit only. The season will be closed when 25 antlered bulls have been taken from the entirety of Unit 5(B).</td>
</tr>
<tr>
<td>Wolf</td>
<td>5 wolves</td>
</tr>
<tr>
<td>Lynx</td>
<td>2 lynx</td>
</tr>
<tr>
<td>Wolf</td>
<td>5 wolves</td>
</tr>
<tr>
<td>Wolverine</td>
<td>1 wolverine</td>
</tr>
<tr>
<td>Grouse</td>
<td>(Spruce, Blue, Ruffed, and Sharp-tailed): 20 per day, 40 in possession</td>
</tr>
<tr>
<td>Grouse</td>
<td>(Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession</td>
</tr>
<tr>
<td>Beaver</td>
<td>No limit</td>
</tr>
<tr>
<td>Coyote</td>
<td>2 coyotes</td>
</tr>
<tr>
<td>Fox</td>
<td>(including Cross, Black and Silver Phases): 2 foxes</td>
</tr>
<tr>
<td>Hare</td>
<td>(Snowshoe and Tundra): 5 hares per day</td>
</tr>
<tr>
<td>Lynx</td>
<td>2 lynx</td>
</tr>
<tr>
<td>Wolf</td>
<td>5 wolves</td>
</tr>
<tr>
<td>Wolverine</td>
<td>1 wolverine</td>
</tr>
</tbody>
</table>

### Open Season

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear</td>
<td>Sept. 1–June 30.</td>
</tr>
<tr>
<td>Deer</td>
<td></td>
</tr>
<tr>
<td>Unit 5(A)</td>
<td></td>
</tr>
<tr>
<td>Unit 5(B)</td>
<td></td>
</tr>
<tr>
<td>Moose</td>
<td></td>
</tr>
<tr>
<td>Wolf</td>
<td></td>
</tr>
<tr>
<td>Lynx</td>
<td></td>
</tr>
<tr>
<td>Wolf</td>
<td></td>
</tr>
<tr>
<td>Wolverine</td>
<td></td>
</tr>
<tr>
<td>Grouse</td>
<td></td>
</tr>
<tr>
<td>Beaver</td>
<td></td>
</tr>
<tr>
<td>Coyote</td>
<td></td>
</tr>
<tr>
<td>Fox</td>
<td></td>
</tr>
<tr>
<td>Hare</td>
<td></td>
</tr>
<tr>
<td>Lynx</td>
<td></td>
</tr>
<tr>
<td>Wolf</td>
<td></td>
</tr>
<tr>
<td>Wolverine</td>
<td></td>
</tr>
</tbody>
</table>

### Trapping Limits

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver</td>
<td>No limit</td>
</tr>
<tr>
<td>Coyote</td>
<td>No limit</td>
</tr>
<tr>
<td>Fox</td>
<td>(including Cross, Black and Silver Phases): No limit</td>
</tr>
<tr>
<td>Hare</td>
<td>(Snowshoe and Tundra): No limit</td>
</tr>
<tr>
<td>Lynx</td>
<td>No limit</td>
</tr>
<tr>
<td>Marten</td>
<td>No limit</td>
</tr>
<tr>
<td>Mink</td>
<td>No limit</td>
</tr>
<tr>
<td>Weasel</td>
<td>No limit</td>
</tr>
<tr>
<td>Muskrat</td>
<td>No limit</td>
</tr>
<tr>
<td>Otter</td>
<td>No limit</td>
</tr>
<tr>
<td>Wolf</td>
<td>No limit</td>
</tr>
<tr>
<td>Wolverine</td>
<td>No limit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver</td>
<td>Nov. 10–May 15.</td>
</tr>
<tr>
<td>Coyote</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Fox</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Hare</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Lynx</td>
<td>Dec. 1–Feb. 15.</td>
</tr>
<tr>
<td>Marten</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Mink</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Weasel</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Muskrat</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Otter</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Wolf</td>
<td>Nov. 10–Feb. 15.</td>
</tr>
<tr>
<td>Wolverine</td>
<td>Nov. 10–April 30.</td>
</tr>
</tbody>
</table>

(6) Unit 6, (i) Unit 6 consists of all Gulf of Alaska and Prince William Sound drainages from the center line of Icy Bay (excluding the Guyot Hills) to Cape Fairfield including Kayak, Hinchinbrook, Montague, and adjacent islands, and Middleton Island, but excluding the Copper River drainage upstream from Miles Glacier, and excluding the Nellie Juan and Kings River drainages:

(A) Unit 6(A) consists of Gulf of Alaska drainages east of Palm Point near Katalla including Kanak, Wingham, and Kayak Islands;

(B) Unit 6(B) consists of Gulf of Alaska and Copper River Basin drainages west of Palm Point near Katalla, east of the west bank of the Copper River, and east of a line from Flag Point to Cottonwood Point;

(C) Unit 6(C) consists of drainages west of the west bank of the Copper River, and west of a line from Flag Point to Cottonwood Point, and drainages east of the east bank of Rude River and drainages into the eastern shore of Nelson Bay and Orca Inlet;

(D) Unit 6(D) consists of the remainder of Unit 6.

(ii) For the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) The Goat Mountain goat observation area, which consists of that portion of Unit 6(B) bounded by Miles Lake and Miles Glacier, on the south and east by Pleasant Valley River and Pleasant Glacier, and on the west by the Copper River, is closed to the taking of mountain goat;

(B) The Heney Range goat observation area, which consists of that portion of Unit 6(C) south of the Copper River Highway and west of the Eyak
(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15.

(B) Coyotes may be taken in Units 6B and 6C with the aid of artificial lights.

### Harvest Limits

<table>
<thead>
<tr>
<th>Hunting</th>
<th>Open Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear: 1 bear</td>
<td>Sept. 1–June 30.</td>
</tr>
<tr>
<td>Deer: 4 deer; however, antlerless deer may be taken only from Oct. 1–Dec. 31</td>
<td>Aug. 1–Dec. 31.</td>
</tr>
<tr>
<td>Goats:</td>
<td></td>
</tr>
<tr>
<td>Unit 6(A), (B)–1 goat by State registration permit only</td>
<td>Aug. 20–Jan. 31.</td>
</tr>
<tr>
<td>Unit 6(C)</td>
<td></td>
</tr>
<tr>
<td>Unit 6(D) (subareas RG242, RG244, RG249, RG266 and RG252 only)–1 goat by Federal registration permit only</td>
<td>Aug. 20–Jan. 31.</td>
</tr>
<tr>
<td>In each of the Unit 6(D) subareas, goat seasons will be closed when harvest limits for that subarea are reached. Harvest quotas are as follows: RG242–2 goats, RG244–2 goats, RG249–2 goats, RG266–4 goats, RG252–1 goat.</td>
<td></td>
</tr>
<tr>
<td>Unit 6(D) (subareas RG243 and RG245–1 wolverine is prohibited on all public lands.</td>
<td>No open season.</td>
</tr>
<tr>
<td>Coyote:</td>
<td></td>
</tr>
<tr>
<td>Unit 6(A) and (D)–2 coyotes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Unit 6(B)–No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Unit 6(C)–South of the Copper River Highway and east of the Hensley Range–No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Remainder of Unit 6(C)–No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases)</td>
<td>No open season.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>No open season.</td>
</tr>
<tr>
<td>Lynx</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Sept. 1–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Aug. 1–May 15.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 5 per day, 10 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 1–May 15.</td>
</tr>
</tbody>
</table>

### Trapping

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: 20 beaver per season</td>
<td>Dec. 1–Mar. 31.</td>
</tr>
<tr>
<td>Coyote:</td>
<td></td>
</tr>
<tr>
<td>Unit 6(A), (B) and (D)–No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Unit 6(C)–South of the Copper River Highway and east of the Hensley Range–No limit</td>
<td>Nov. 10–Apr. 30.</td>
</tr>
<tr>
<td>Remainder of Unit 6(C)–No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Jan. 1–Feb. 15.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10–June 10.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Oter: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td></td>
</tr>
</tbody>
</table>

(7) Unit 7. (i) Unit 7 consists of Gulf of Alaska drainages between Gore Point and Cape Fairfield, including the Nellie Juan and Kings River drainages, and including the Kenai River drainage upstream from the Russian River, the drainages into the south side of Turnagain Arm west of and including the Portage Creek drainage, and east of 150° W. long., and all Kenai Peninsula drainages east of 150° W. long., from Turnagain Arm to the Kenai River.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) Kenai Fjords National Park is closed to all subsistence uses.

(B) The Portage Glacier Closed Area in Unit 7, which consists of Portage Creek drainages between the Anchorage-Seward Railroad and Placer Creek in Bear Valley, Portage Lake, the mouth of Byron Creek, Glacier Creek and Byron Glacier, is closed to hunting; however, grouse, ptarmigan, hares,
and squirrels may be hunted with shotguns after September 1.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15; except Resurrection Creek and its tributaries.

(B) [Reserved]

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear: Unit 7—3 bears</td>
<td></td>
</tr>
<tr>
<td>Moose:</td>
<td></td>
</tr>
<tr>
<td>Unit 7, that portion draining into Kings Bay—1 bull with spike-fork or 50-inch antlers or 3 or more brow tines on either antler may be taken by the community of Chenega Bay and also by the community of Tatitlek. Public lands are closed to the taking of moose except by eligible rural residents. Unit 7, Remainder No open season.</td>
<td></td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td></td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 2 foxes</td>
<td>Nov. 1–Feb. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td></td>
</tr>
<tr>
<td>Wolf:</td>
<td></td>
</tr>
<tr>
<td>Unit 7—that portion within the Kenai National Wildlife Refuge—2 wolves</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Unit 7—Remainder—5 wolves</td>
<td></td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td></td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–Mar. 31.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10–Mar. 31.</td>
</tr>
<tr>
<td><strong>Trapping</strong></td>
<td></td>
</tr>
<tr>
<td>Beaver: 20 Beaver per season</td>
<td>Dec. 1–Mar. 31.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Jan. 1–Feb. 15.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10–May 15.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
</tbody>
</table>

(8) Unit 8. Unit 8 consists of all islands southeast of the centerline of Shelikof Strait including Kodiak, Afognak, Whale, Raspberry, Shuyak, Spruce, Marmot, Sitkalidak, Amook, Uganik, and Chirikof Islands, the Trinity Islands, the Semidi Islands, and other adjacent islands.

(i) A firearm may be used to take beaver with a trapping license in Unit 8 from Nov. 10–Apr. 30.

(ii) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take deer on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Brown Bear: 1 bear by Federal registration permit only. Up to 1 permit may be issued in Akiok; up to 1 permit may be issued in Karluk; up to 3 permits may be issued in Larsen Bay; up to 2 permits may be issued in Port Lions. Deer: Unit 8—that portion of Kodiak Island north of a line from the head of Settlers Cove to Crescent Lake (57°52′ N. lat., 152°58′ W. long.), and east of a line from the outlet of Crescent Lake to Mount Ellison Peak and from Mount Ellison Peak to Pokai Point at Whale Passage, and that portion of Kodiak Island east of a line from the mouth of Saltery Creek to the mouth at Elbow Creek, and adjacent small islands in Chiniak Bay—1 deer; however, antlerless deer may be taken only from Oct. 25–Oct. 31.</td>
<td>Dec. 1–Dec. 15.</td>
</tr>
<tr>
<td></td>
<td>Aug. 1–May 15.</td>
</tr>
</tbody>
</table>
Harvest limits

| Unit 8—that portion of Kodiak Island and adjacent islands south and west of a line from the head of Terror Bay to the head of the south-westernmost arm of Ugak Bay—5 deer; however, antlerless deer may be taken only from Oct 1–Jan. 31. | Aug. 1–Jan. 31. |
| Remainder of Unit 8—5 deer; however, antlerless deer may be taken only from Oct 1–Jan. 31; no more than 1 antlerless deer may be taken from Oct 1–Nov. 30. | Aug. 1–Jan. 31. |
| Elk: Afognak Island above mean high tide—1 elk per household by Federal registration permit only; only 1 elk in possession for each two hunters in a party. Entry for elk hunting shall be from marine waters only. | Sept. 1–Sept. 25 |
| Fox, Red (including Cross, Black and Silver Phases): 2 foxes | Sept. 1–Feb. 15. |
| Hare (Snowshoe and Tundra): No limit | July 1–June 30. |
| Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession | Aug. 10–Apr. 30. |

Trapping

| Beaver: 30 beaver per season | Nov. 10–Apr. 30. |
| Fox, Red (including Cross, Black and Silver Phases): No limit | Nov. 10–Mar. 31. |
| Mink and Weasel: No limit | Nov. 10–June 10. |
| Muskrat: No limit | Nov. 10–Jan. 31. |
| Otter: No limit | |

(9) Unit 9. (i) Unit 9 consists of the Alaska Peninsula and adjacent islands including drainages east of False Pass, Pacific Ocean drainages west of and excluding the Redoubt Creek drainage; drainages into the south side of Bristol Bay, drainages into the north side of Bristol Bay east of Etolin Point, and including the Sanak and Shumagin Islands:
   (A) Unit 9(A) consists of that portion of Unit 9 draining into Shelikof Strait and Cook Inlet between the southern boundary of Unit 16 (Redoubt Creek) and the northern boundary of Katmai National Park and Preserve;
   (B) Unit 9(B) consists of the Kvichak River drainage;
   (C) Unit 9(C) consists of the Afognak (Branch) River drainage, the Naknek River drainage, and all land and water within Katmai National Park and Preserve;
   (D) Unit 9(D) consists of all Alaska Peninsula drainages west of a line from the southernmost head of Port Moller to the head of American Bay including the Shumagin Islands and other islands of Unit 9 west of the Shumagin Islands;
   (E) Unit 9(E) consists of the remainder of Unit 9.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:
   (A) Katmai National Park is closed to all subsistence uses;
   (B) The use of motorized vehicles, excluding aircraft, boats, or snowmobiles used for hunting and transporting a hunter or harvested animal parts, is prohibited from Aug. 1–Nov. 30 in the Naknek Controlled Use Area, which includes all of Unit 9(C) within the Naknek River drainage upstream from and including the King Salmon Creek drainage; however, this restriction does not apply to a motorized vehicle on the Naknek-King Salmon, Lake Camp, and Rapids Camp roads and on the King Salmon Creek trail, and on frozen surfaces of the Naknek River and Big Creek;
   (C) A firearm may be used under a trapping license to take beaver in Unit 9(B) from April1–May 31 and in the remainder of Unit 9 from April 1–April 30;
   (D) In Unit 9(B), Lake Clark National Park and Preserve, residents of Nondalton, Iliamna, Newhalen, Pedro Bay, and Port Alsworth, may hunt brown bear by Federal registration permit in lieu of a resident tag; ten permits will be available with at least one permit issued in each community but no more than five permits will be issued in a single community; the season will be closed when four females or ten bears have been taken, whichever occurs first;
   (E) Residents of Newhalen, Nondalton, Iliamna, Pedro Bay, and Port Alsworth may take up to a total of 10 bull moose in Unit 9(B) for ceremonial purposes, under the terms of a Federal registration permit from July 1 through June 30. Permits will be issued to individuals only at the request of a
local organization. This 10 moose limit is not cumulative with that permitted for potlatches by the State.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Brown Bear: Unit 9(B)—Lake Clark National Park and Preserve—Rural residents of Nondalton, Iliamna, Newhalen, Pedro Bay, and Port Alsworth only—1 bear by Federal registration permit only.</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 9(B), remainder—Wildlife of Unit 9(B)</td>
<td>Oct. 1–Dec. 31.</td>
</tr>
<tr>
<td>Unit 9(E)—1 bear by Federal registration permit</td>
<td>May 10–May 25.</td>
</tr>
</tbody>
</table>

| Caribou: Unit 9(A)—4 caribou; however, no more than 2 caribou may be taken Aug. 10–Sept. 30 and no more than 1 caribou may be taken Oct. 1–Nov. 30. | Aug. 10–Mar. 31. |
| Unit 9(C)—4 caribou; however, no more than 1 may be a cow, no more than 2 caribou may be taken Aug. 10–Nov. 30, and no more than 1 caribou may be taken per calendar month between Dec. 1–Mar. 31. | Aug. 10–Mar. 31. |
| Unit 9(B)—5 caribou: however, no more than 2 bulls may be taken from Oct. 1–Nov. 30. | Aug. 10–Mar. 31. |
| Unit 9(D)—1 bull by Federal registration permit only. A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take caribou on his or her behalf unless the recipient is a member of a community operating under a community harvest system. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than four harvest limits in his/her possession at any one time. | No open season. |
| Unit 9(E)—that portion southwest of the headwaters of Fireweed and Blueberry Creeks (north of Mt. Veniaminof) and including the Sandy River drainage on the Bristol Bay side of the Alaska Peninsula; and that portion south of Seal Cape to Ramsey Bay on the Pacific side of the Alaska Peninsula divide is closed to all hunting of caribou. Remainder of Unit 9(E)—4 caribou. | Aug. 10–Apr. 30. |

| Sheep: Unit 9(B)—Residents of Iliamna, Newhalen, Nondalton, Pedro Bay, and Port Alsworth only—1 ram with 7/8 curl horn by Federal registration permit only. | Aug. 10–Oct. 10. |
| Remainder of Unit 9—1 ram with 7/8 curl horn | Aug. 10–Sept. 20. |

| Moose: Unit 9(A)—1 bull | Sept. 1–Sept. 15. |
| Unit 9(B)—1 bull | Aug. 20–Sept. 15. |
| Unit 9(C)—that portion draining into the Naknek River from the north—1 bull | Sept. 1–Sept. 15. |
| Unit 9(C)—that portion draining into the Naknek River from the south—1 bull. However, during the period Aug. 20–Aug. 31, bull moose may be taken by Federal registration permit only. During the December hunt, antlerless moose may be taken by Federal registration permit only. The antlerless season will be closed when 5 antlerless moose have been taken. Public lands are closed during December for the hunting of moose, except by eligible rural Alaska residents. | Aug. 20–Sept. 15. |
| Remainder of Unit 9(C)—1 moose; however, antlerless moose may be taken only from Dec. 1–Dec. 31 | Dec. 1–Dec. 31. |
| Unit 9(E)—1 bull | Dec. 1–Dec. 31. |

| Coyote: 2 coyotes | Sept. 1–Sept. 15. |
| Fox, Arctic (Blue and White): No limit | Sept. 1–Dec. 31. |
| Fox, Red (including Cross, Black and Silver Phases): 2 foxes | Sept. 1–April 30. |
| Hare (Snowshoe and Tundra): No limit | Dec. 1–Mar. 15. |
| Lynx: 2 lynx | Sept. 1–Feb. 15. |
| Wolf: 5 wolves | July 1–June 30. |
| Wolverine: 1 wolverine | Aug. 10–Apr. 30. |
| Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession | Aug. 10–Apr. 30. |

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: Unit 9(B)—40 beaver per season; however, no more than 20 may be taken between Apr. 1–May 31.</td>
<td>Jan. 1–May 31.</td>
</tr>
<tr>
<td>Remainder of Unit 9—40 beaver per season; however, no more than 20 may be taken between Apr. 1–Apr. 30.</td>
<td>Jan. 1–April 30.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White): No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Marten: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
</tbody>
</table>
bear between April 15 and June 15; and Miles Glacier.

Suslota Creek with the Slana River per River between the confluence of the Copper River south of Suslota area draining into the headwaters of the Pribilof Islands.

Aleutian Islands, Unimak Island and U.S. Fish and Wildlife Serv., Interior § 100.25

Sheep:
Caribou: Unit 11 ........................................................................................................................................ No open season.

Black Bear: 3 bears .................................................................................................................................... July 1±June 30.

Wolverine: No limit ................................................................................................................................... Nov. 10±Feb. 28.

Wolf: No limit ......................................................................................................................................... Nov. 10±Mar. 31.

Otter: No limit ......................................................................................................................................... Nov. 10±Mar. 31.

Muskrat: No limit ................................................................................................................................... Nov. 10±June 10.

Mink and Weasel: No limit ....................................................................................................................... Nov. 10±Feb. 28.

Fox, Red (including Cross, Black and Silver Phases): 2 foxes ................................................................ Sept. 1±Feb. 15.

Coyote: 2 coyotes ..................................................................................................................................... Sept. 1±Apr. 30.

Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession ..................................... Aug. 10ÐApr. 30.

Wolf: No limit ......................................................................................................................................... Aug. 10±Mar. 31.

Hare (Snowshoe and Tundra): No limit ................................................................................................. July 1±June 30.

(B) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take caribou and moose on his or her behalf. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

Harvest limits Open season

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10-Feb. 28.</td>
</tr>
<tr>
<td>Muskox: No limit</td>
<td>Nov. 10-June 10.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10-Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10-Feb. 28.</td>
</tr>
</tbody>
</table>

(10) Unit 10. (i) Unit 10 consists of the Aleutian Islands, Unimak Island and the Pribilof Islands.

(ii) On Otter Island in the Pribilof Islands the taking of any wildlife species for subsistence uses is prohibited.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caribou: Unit 10—Unimak Island only.</td>
<td>Aug. 1—Mar. 31.</td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>July 1—June 30.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): No limit</td>
<td>July 1—June 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 2 foxes</td>
<td>Sept. 1—Feb. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>Nov. 10-Feb. 28.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Sept. 1—Mar. 31.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10—Apr. 30.</td>
</tr>
</tbody>
</table>

Trapping

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1—Apr. 30.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): No limit</td>
<td>July 1—June 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 2 foxes</td>
<td>Sept. 1—Feb. 15.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10-Feb. 28.</td>
</tr>
<tr>
<td>Muskox: No limit</td>
<td>Nov. 10-Mar. 31.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10-Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10-Feb. 28.</td>
</tr>
</tbody>
</table>

(11) Unit 11. Unit 11 consists of that area draining into the headwaters of the Copper River south of Suslota Creek and the area drained by all tributaries into the east bank of the Copper River between the confluence of Suslota Creek with the Slana River and Miles Glacier.

(i) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15;

(B) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take caribou and moose on his or her behalf. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1—June 30.</td>
</tr>
<tr>
<td>Caribou: Unit 11</td>
<td>July 1—June 30.</td>
</tr>
<tr>
<td>Sheep</td>
<td>Aug. 10—Sept. 20.</td>
</tr>
</tbody>
</table>

829
(12) Unit 12. Unit 12 consists of the Tanana River drainage upstream from the Robertson River, including all drainages into the east bank of the Robertson River, and the White River drainage in Alaska, but excluding the Ladue River drainage.

   (i) Unit-specific regulations:

   (A) Bait may be used to hunt black bear between April 15 and June 30.

   (B) Trapping of wolves in Unit 12 during April and October with a steel trap, or with a snare using cable smaller than 3/32 inch diameter, is prohibited;

   (C) A Federal registration permit only by persons 60 years of age or older. No designated hunter permits will be issued for this hunt.

   (D) Federal registration permit only. Federal public lands will be closed to the harvest of goats when a total of 45 goats have been harvested between Federal and State hunts.

   (ii) [Reserved]
(13) Unit 13. (i) Unit 13 consists of that area westerly of the east bank of the Copper River and drained by all tributaries into the west bank of the Copper River from Miles Glacier and including the Slana River drainages north of Suslota Creek; the drainages into the Delta River upstream from Falls Creek and Black Rapids Glacier; the drainages into the Nenana River upstream from the southeast corner of Denali National Park at Windy; the drainage into the Susitna River upstream from its junction with the Chulitna River; the drainage into the east bank of the Chulitna River upstream to its confluence with the Tokositna River; the drainages of the Chulitna River (south of Denali National Park) upstream from its confluence with the Tokositna River; the drainages into the north bank of the Tokositna River upstream to the base of the Tokositna Glacier; the drainages into the Tokositna Glacier; the drainages into the east bank of the Susitna River between its confluences with the Talkeetna and Chulitna Rivers; the drainages into the north bank of the Talkeetna River; the drainages into the east bank of the Chickaloon River; the drainages of the Matanuska River above its confluence with the Chickaloon River:

(A) Unit 13(A) consists of that portion of Unit 13 bounded by a line beginning at the Chickaloon River bridge at Mile 77.7 on the Glenn Highway, then along the Glenn Highway to its junction with the Richardson Highway, then south along the Richardson Highway to the foot of Simpson Hill at Mile 111.5, then east to the east bank of the Copper River, then northerly along the east bank of the Copper River to its junction with the Gulkana River, then northerly along the west bank of the Gulkana River to its junction with the West Fork of the Gulkana River, then westerly along the west bank of the West Fork of the Gulkana River to its source, an unnamed lake, then across the divide into the Tyone River drainage, down an unnamed stream into the Tyone River, then down the Tyone River to the Susitna River, then down the southern bank of the Susitna River to the mouth of Kosina Creek, then up Kosina Creek to its headwaters, then across the divide and down Aspen Creek to the Talkeetna River, then southerly along the boundary of Unit 13 to the Chickaloon River bridge, the point of beginning.
(B) Unit 13(B) consists of that portion of Unit 13 bounded by a line beginning at the confluence of the Copper River and the Gulkana River, then up the east bank of the Copper River to the Gakona River, then up the Gakona River and Gakona Glacier to the boundary of Unit 13, then westerly along the boundary of Unit 13 to the Susitna Glacier, then southerly along the west bank of the Susitna Glacier and the Susitna River to the Tyone River, then up the Tyone River and across the divide to the headwaters of the West Fork of the Gulkana River, then down the West Fork of the Gulkana River to the confluence of the Gulkana River and the Copper River, the point of beginning;

(C) Unit 13(C) consists of that portion of Unit 13 east of the Gakona River and Gakona Glacier;

(D) Unit 13(D) consists of that portion of Unit 13 south of Unit 13(A);

(E) Unit 13(E) consists of the remainder of Unit 13.

(ii) Within the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) lands within Mount McKinley National Park as it existed prior to December 2, 1980 are closed to subsistence. Subsistence uses as authorized by this paragraph (k)(13) are permitted in Denali National Preserve and lands added to Denali National Park on December 2, 1980;

(B) use of motorized vehicles or pack animals for hunting is prohibited from Aug. 5-Aug. 25 in the Delta Controlled Use Area, the boundary of which is defined as: a line beginning at the confluence of Miller Creek and the Delta River, then west to vertical angle bench mark Miller, then west to include all drainages of Augustana Creek and Black Rapids Glacier, then north and east to include all drainages of McGinnis Creek to its confluence with the Delta River, then east in a straight line across the Delta River to Mile 236.7 Richardson Highway, then north along the Richardson Highway to its junction with the Alaska Highway, then east along the Alaska Highway to the west bank of the Johnson River, then south along the west bank of the Johnson River and Johnson Glacier to the head of the Cantwell Glacier, then west along the north bank of the Canwell Glacier and Miller Creek to the Delta River;

(C) except for access and transportation of harvested wildlife on Sourdough and Haggard Creeks, Meiers Lake trails, or other trails designated by the Board, the use of motorized vehicles for subsistence hunting, is prohibited in the Sourdough Controlled Use Area. The Sourdough Controlled Use Area consists of that portion of Unit 13(B) bounded by a line beginning at the confluence of Sourdough Creek and the Gulkana River, then northerly along Sourdough Creek to the Richardson Highway at approximately Mile 148, then northerly along the Richardson Highway to the Meiers Creek Trail at approximately Mile 170, then westerly along the trail to the Gulkana River, then southerly along the east bank of the Gulkana River to its confluence with Sourdough Creek, the point of beginning.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15;

(B) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take caribou and moose on his or her behalf. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
</tbody>
</table>

**Black Bear:** 3 bears

**Caribou:** 2 caribou by Federal registration permit only. Hunting within the Trans-Alaska Oil Pipeline right-of-way is prohibited. The right-of-way is identified as the area occupied by the pipeline (buried or above ground) and the cleared area 25 feet on either side of the pipeline.

**Sheep:** Unit 13—excluding Unit 13(D) and the Tok and Delta Management Areas—1 ram with 7/8 curl horn.

**Moose:**

- July 1–June 30: 1 bull
- Aug. 10–Sept. 30: 1 bull
- Oct. 1–Mar. 31: 1 bull and 4 cows
- Aug. 10–Sept. 20: 1 bull and 4 cows
(14) Unit 14. (i) Unit 14 consists of drainages into the north side of Turnagain Arm west of and excluding the Portage Creek drainage, drainages into Knik Arm excluding drainages of the Chickaloon and Matanuska Rivers in Unit 13, drainages into the north side of Cook Inlet east of the Susitna River, drainages into the east bank of the Susitna River downstream from the Talkeetna River, and drainages into the south bank of the Talkeetna River:

(A) Unit 14(A) consists of drainages in Unit 14 bounded on the west by the Susitna River, on the north by Willow Creek, Peters Creek, and by a line from the head of Peters Creek to the head of the Chickaloon River, on the east by the eastern boundary of Unit 14, and on the south by Cook Inlet, Knik Arm, the south bank of the Knik River from its mouth to its junction with Knik Glacier, across the face of Knik Glacier and along the north side of Knik Glacier to the Unit 6 boundary;

(B) Unit 14(B) consists of that portion of Unit 14 north of Unit 14(A);

(C) Unit 14(C) consists of that portion of Unit 14 south of Unit 14(A).

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) the Fort Richardson and Elmendorf Air Force Base Management Areas, consisting of the Fort Richardson and Elmendorf Military Reservation, are closed to the subsistence taking of wildlife;

(B) the Anchorage Management Area, consisting of all drainages south of Elmendorf and Fort Richardson military reservations and north of and including Rainbow Creek is closed to subsistence taking of wildlife.

(iii) Unit-specific regulations:

(A) In Unit 14(A), bait may be used to hunt black bear between April 15 and May 25.

(B) [Reserved]
§ 100.25

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): Unit 14(C)—10 per day, 20 in possession</td>
<td>Sept. 8–Mar. 31</td>
</tr>
</tbody>
</table>

**Trapping**

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: Unit 14(C)—that portion within the drainages of Glacier Creek, Kern Creek, Peterson Creek, the Twentymile River and the drainages of Knik River outside Chugach State Park—20 beaver per season</td>
<td>Dec. 1–Apr. 15</td>
</tr>
<tr>
<td>Coyote: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): Unit 14(C)—1 fox</td>
<td>Nov. 10–Jan. 15</td>
</tr>
<tr>
<td>Lynx: Unit 14(C)—No limit</td>
<td>Nov. 10–Jan. 15</td>
</tr>
<tr>
<td>Marten: Unit 14(C)—No limit</td>
<td>Nov. 10–Jan. 31</td>
</tr>
<tr>
<td>Mink and Weasel: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
<tr>
<td>Muskrat: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
<tr>
<td>Otter: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
<tr>
<td>Wolf: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
<tr>
<td>Wolverine: Unit 14(C)—No limit</td>
<td>Nov. 10–Feb. 28</td>
</tr>
</tbody>
</table>

(15) **Unit 15.** (i) **Unit 15 consists of that portion of the Kenai Peninsula and adjacent islands draining into the Gulf of Alaska, Cook Inlet and Turnagain Arm from Gore Point to the point where longitude line 150° 00′ W. crosses the coastline of Chickaloon Bay in Turnagain Arm, including that area lying west of longitude line 150° 00′ W. to the mouth of the Russian River, then southerly along the Chugach National Forest boundary to the upper end of Upper Russian Lake; and including the drainages into Upper Russian Lake west of the Chugach National Forest boundary:**

(A) **Unit 15(A) consists of that portion of Unit 15 north of the Kenai River and Skilak Lake;**

(B) **Unit 15(B) consists of that portion of Unit 15 south of the Kenai River and Skilak Lake, and north of the Kasilof River, Tustumena Lake, Glacier Creek, and Tustumena Glacier;**

(C) **Unit 15(C) consists of the remainder of Unit 15.**

(ii) **The Skilak Loop Management Area,** which consists of that portion of Unit 15(A) bounded by a line beginning at the eastern most junction of the Sterling Highway and the Skilak Loop Road at milepost 763, then due south to the south bank of the Kenai River, then southerly along the south bank of the Kenai River to its confluence with Skilak Lake, then westerly along the north shore of Skilak Lake to Lower Skilak Lake Campground, then northerly along the Lower Skilak Lake Campground Road and the Skilak Loop Road to its western most junction with the Sterling Highway, then easterly along the Sterling Highway to the point of beginning, is closed to the taking of wildlife, except that grouse, ptarmigan, and hares may be taken only from October 1–March 1 by bow and arrow only.

(iii) **Unit-specific regulations:**

(A) Bait may be used to hunt black bear between April 15 and June 15;

(B) The Skilak Loop Wildlife Management Area is closed to subsistence trapping of furbearers;

(C) That portion of Unit 15(B) east of the Kenai River, Skilak Lake, Skilak River, and Skilak Glacier is closed to the trapping of marten;

(D) Taking a red fox in Unit 15 by any means other than a steel trap or snare is prohibited;

(E) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take moose on his or her behalf. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear</td>
<td></td>
</tr>
<tr>
<td>Unit 15(C)—3 bears</td>
<td>July 1–June 30</td>
</tr>
<tr>
<td>Unit 15 Remainder</td>
<td>No open season</td>
</tr>
</tbody>
</table>
(16) Unit 16. (i) Unit 16 consists of the drainages into Cook Inlet between Redoubt Creek and the Susitna River, including Redoubt Creek drainage, Kalgin Island, and the drainages on the west side of the Susitna River (including the Susitna River) upstream to its confluence with the Chulitna River; the drainages into the west side of the Chulitna River (including the Chulitna River) upstream to the Tokositna River, and drainages into the south side of the Tokositna River upstream to the base of the Tokositna Glacier, including the drainage of the Kahltna Glacier:

(A) Unit 16(A) consists of that portion of Unit 16 east of the Yentna River from its mouth upstream to the Kahltna River, east of the east bank of the Kahltna River, and east of the Kahltna Glacier;

(B) Unit 16(B) consists of the remainder of Unit 16.

(ii) The Mount McKinley National Park, as it existed prior to December 2, 1980, is closed to subsistence uses. Subsistence uses as authorized by this paragraph (k)(16) are permitted in Denali National Preserve and lands added to Denali National Park on December 2, 1980.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 15.

(B) [Reserved]
(17) Unit 17. (i) Unit 17 consists of drainages into Bristol Bay and the Bering Sea between Etolin Point and Cape Newenham, and all islands between these points including Hagemeister Island and the Walrus Islands:
   (A) Unit 17(A) consists of the drainages between Cape Newenham and Cape Constantine, and Hagemeister Island and the Walrus Islands;
   (B) Unit 17(B) consists of the Nushagak River drainage upstream from, and including the Mulchatna River drainage, and the Wood River drainage upstream from the outlet of Lake Beverley;
   (C) Unit 17(C) consists of the remainder of Unit 17.
   (ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:
      (A) Except for aircraft and boats and in legal hunting camps, the Upper Mulchatna Controlled Use Area consisting of Unit 17(B), is closed from Sept. 1–Sept. 30.
      (B) The Western Alaska Brown Bear Management Area which consists of Unit 17(A), that portion of 17(B) draining into Nuyakuk Lake and Tikhich Lake, Unit 18, and that portion of Unit 19(A) and (B) downstream of and including the Aniak River drainage, is open to brown bear hunting by State registration permit in lieu of a resident tag: no resident tag is required for taking brown bears in the Western Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting.
      (iii) Unit-specific regulations:
         (A) Bait may be used to hunt black bear between April 15 and June 15.
         (B) [Reserved]

§ 100.25

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remainder of Unit 16(B)—1 moose; however, antlerless moose may be taken only from Sept. 25–Sept. 30 and from Dec. 1–Feb. 28 by Federal registration permit only.</td>
<td>Sept. 1–Sept. 30.</td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 2 foxes</td>
<td>Sept. 1–Feb. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–Mar. 31.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10–Mar. 31.</td>
</tr>
<tr>
<td>Beaver: 30 beaver per season</td>
<td>Nov. 10–Apr. 30.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Dec. 15–Jan. 15.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10–June 10.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>(A) Except for aircraft and boats and in legal hunting camps, the Upper Mulchatna Controlled Use Area consisting of Unit 17(B), is closed from Sept. 1–Sept. 30.</td>
<td>Aug. 1–Nov. 1 to the use of any motorized vehicle for hunting ungulates, bear, wolves and wolverine, including transportation of hunters and parts of ungulates, bear, wolves or wolverine;</td>
</tr>
<tr>
<td>(B) The Western Alaska Brown Bear Management Area which consists of Unit 17(A), that portion of 17(B) draining into Nuyakuk Lake and Tikhich Lake, Unit 18, and that portion of Unit 19(A) and (B) downstream of and including the Aniak River drainage, is open to brown bear hunting by State registration permit in lieu of a resident tag: no resident tag is required for taking brown bears in the Western Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting.</td>
<td></td>
</tr>
<tr>
<td>(iii) Unit-specific regulations:</td>
<td></td>
</tr>
<tr>
<td>(A) Bait may be used to hunt black bear between April 15 and June 15.</td>
<td></td>
</tr>
<tr>
<td>(B) [Reserved]</td>
<td></td>
</tr>
</tbody>
</table>
(18) Unit 18. (i) Unit 18 consists of that area draining into the Yukon and Kuskokwim Rivers downstream from a straight line drawn between Lower Kalskag and Paimiut and the drainages flowing into the Bering Sea from Cape Newenham on the south to and including the Pastolik River drainage on the north; Nunivak, St. Matthew, and adjacent islands between Cape Newenham and the Pastolik River.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) The Kalskag Controlled Use Area which consists of that portion of Unit 18 bounded by a line from Lower Kalskag on the Kuskokwim River, northwesterly to Russian Mission on the Yukon River, then east along the north bank of the Yukon River to the old site of Paimiut, then back to Lower Kalskag is closed to the use of aircraft for hunting any ungulate, bear, wolf, or wolverine, including the transportation of any hunter and ungulate, bear, wolf, or wolverine part; however, this does not apply to transportation of a hunter or ungulate, bear, wolf, or wolverine part by aircraft between publicly owned airports in the Controlled Use Area or between a publicly owned airport within the Area and points outside the Area;

(B) The Western Alaska Brown Bear Management Area which consists of Unit 17(A), that portion of 17(B) draining into Nuyakuk Lake and Tikchik Lake, Unit 18, and that portion of Unit

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit 17(A), remainder and 17(C), remainder—selected drainages; a harvest limit of up to 5 caribou will be determined at the time the season is announced.</td>
<td>Season, harvest limit, and hunt area to be announced by the Togiak National Wildlife Refuge Manager between Aug. 1–Mar. 31. Aug. 10–Sept. 20.</td>
</tr>
<tr>
<td>Sheep: 1 ram with full curl horn or larger</td>
<td></td>
</tr>
<tr>
<td>Moose:</td>
<td></td>
</tr>
<tr>
<td>Unit 17(A)</td>
<td></td>
</tr>
<tr>
<td>Unit 17(B)—that portion that includes all the Mulchatna River drainage upstream from and including the Chichlima River drainage—1 bull by State registration permit only during the period Aug. 20–Aug. 31. During the period Sept. 1–Sept. 15 only a spike/fork bull or a bull with 50-inch antlers or with 3 or more brow tines on one side may be taken with a State harvest ticket.</td>
<td>Aug. 20–Sept. 15.</td>
</tr>
<tr>
<td>Unit 17(C)—that portion that includes the lowithia drainage and Sunshine Valley and all lands west of Wood River and south of Aleknagik Lake—1 bull by State registration permit only during the period Aug. 20–Aug. 31. During the period Sept. 1–Sept. 15 only a spike/fork bull or a bull with 50-inch antlers or with 3 or more brow tines on one side may be taken with a State harvest ticket.</td>
<td>Aug. 20–Sept. 15.</td>
</tr>
<tr>
<td>Remainder of Unit 17(B) and (C)—1 bull by State registration permit only during the periods Aug. 20–Aug. 31 and Dec. 1–Dec. 31. During the period Sept. 1–Sept. 15 only a spike/fork bull or a bull with 50-inch antlers or with 3 or more brow tines on one side may be taken with a State harvest ticket.</td>
<td>Dec. 1–Dec. 31.</td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): No limit</td>
<td></td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 2 foxes</td>
<td></td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td></td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td></td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td></td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td></td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Fluffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td></td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td></td>
</tr>
<tr>
<td>Trapping</td>
<td></td>
</tr>
<tr>
<td>Beaver: Unit 17—40 beaver per season</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Marten: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Muskrat: 2 muskrats</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10–Feb. 28.</td>
</tr>
</tbody>
</table>
19(A) and (B) downstream of and including the Aniak River drainage, is open to brown bear hunting by State registration permit in lieu of a resident tag; no resident tag is required for taking brown bears in the Western Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting.

(iii) Unit-specific regulations:
(A) A firearm may be used to take beaver under a trapping license in Unit 18 from Apr. 1-Jun. 10;

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears.</td>
<td></td>
</tr>
<tr>
<td>Brown Bear: 1 bear by State registration permit only</td>
<td></td>
</tr>
<tr>
<td>Caribou: Unit 18—that portion south of the Yukon River—A harvest limit of up to 5 caribou will be determined at the time the season is announced and will be based on the management objectives in the “Qavilnguut (Kilbuck) Caribou Herd Cooperative Management Plan.” The season will be closed when the total harvest reaches guidelines as described in the approved “Qavilnguut (Kilbuck) Caribou Herd Cooperative Management Plan.”</td>
<td>July 1–June 30. Sept. 1–May 31.</td>
</tr>
<tr>
<td>Remainder of Unit 18</td>
<td>Season to be announced by the Yukon Delta National Wildlife Refuge Manager between Aug. 25 and Mar. 31.</td>
</tr>
<tr>
<td>Moose: Unit 18—that portion north and west of a line from Cape Romanzof to Kuzilvak Mountain, and then to Mountain Village, and west of, but not including, the Andreafsky River drainage—1 antlered bull. Unit 18—South of and including the Kanektok River drainages</td>
<td>No open season.</td>
</tr>
<tr>
<td>Remainder of Unit 18—1 antlered bull. A 10-day hunt (1 bull, evidence of sex required) will be opened by announcement sometime between Dec. 1 and Feb. 28.</td>
<td>Sept. 5–Sept. 25.</td>
</tr>
<tr>
<td>Public lands in Unit 18 are closed to the hunting of moose, except by Federally-qualified rural Alaska residents during seasons identified above.</td>
<td></td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): 2 foxes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.</td>
<td>Sept. 1–Mar. 15.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
</tbody>
</table>

Trapping

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trapping</td>
<td></td>
</tr>
<tr>
<td>Beaver: No limit</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Marten: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
</tbody>
</table>

(18) Unit 18. (i) Unit 18 consists of that area draining into the Yukon and Kuskokwim Rivers downstream from a straight line drawn between Lower
Kalskag and Paimiut and the drainages flowing into the Bering Sea from Cape Newenham on the south to and including the Pastolik River drainage on the north; Nunivak, St. Matthew, and adjacent islands between Cape Newenham and the Pastolik River.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public lands:

(A) The Kalskag Controlled Use Area which consists of that portion of Unit 18 bounded by a line from Lower Kalskag on the Kuskokwim River, northwesterly to Russian Mission on the Yukon River, then east along the north bank of the Yukon River to the old site of Paimiut, then back to Lower Kalskag is closed to the use of aircraft for hunting any ungulate, bear, wolf, or wolverine, including the transportation of any hunter and ungulate, bear, wolf, or wolverine part; however, this does not apply to transportation of a hunter or wolverine part by aircraft between publicly owned airports in the Controlled Use Area or between a publicly owned airport within the Area and points outside the Area;

(B) The Western Alaska Brown Bear Management Area which consists of Unit 17(A), that portion of 17(B) draining into Nuyakuk Lake and Tikhich Lake, Unit 18, and that portion of Unit 19(A) and (B) downstream of and including the Aniak River drainage, is open to brown bear hunting by State registration permit in lieu of a resident tag: no resident tag is required for taking brown bears in the Western Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting.

(iii) Unit-specific regulations:

(A) A firearm may be used to take beaver under a trapping license in Unit 18 from Apr. 1-Jun. 10.

(B) A Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take caribou south of the Yukon River on his or her behalf. The designated hunter must obtain a designated hunter permit and must return a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Brown Bear: 1 bear by State registration permit only</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Caribou:</td>
<td>Season to be announced by the Yukon Delta National Wildlife Refuge Manager between Aug. 25 and Mar. 31.</td>
</tr>
<tr>
<td>Unit 18—that portion south of the Yukon River—A harvest limit of up to 5 caribou will be determined at the time the season is announced and will be based on the management objectives in the “Gavlinguut (Kilbuck) Caribou Herd Cooperative Management Plan.” The season will be closed when the total harvest reaches guidelines as described in the approved “Gavlinguut (Kilbuck) Caribou Herd Cooperative Management Plan.”</td>
<td>Aug. 1–Mar. 31.</td>
</tr>
<tr>
<td>Unit 18—that portion north of the Yukon River—5 caribou per day.</td>
<td>No open season.</td>
</tr>
<tr>
<td>Remainder of Unit 18.</td>
<td>Sept. 5–Sept. 25.</td>
</tr>
<tr>
<td>Moose:</td>
<td>Winter season to be announced.</td>
</tr>
<tr>
<td>Unit 18—that portion north and west of a line from Cape Romanzof to Kuzilvak Mountain, and then to Mountain Village, and west of, but not including, the Andreafsky River drainage—1 antlered bull.</td>
<td>Sept. 1–Sept. 30.</td>
</tr>
<tr>
<td>Unit 18—South of and including the Kanektok River drainages—1 antlered bull. A 10-day hunt (1 bull, evidence of sex required) will be opened by announcement sometime between Dec. 1 and Feb. 28.</td>
<td>Winter season to be announced.</td>
</tr>
<tr>
<td>Remainder of Unit 18—1 antlered bull. A 10-day hunt (1 bull, evidence of sex required) will be opened by announcement sometime between Dec. 1 and Feb. 28.</td>
<td></td>
</tr>
</tbody>
</table>

Public lands in Unit 18 are closed to the hunting of moose, except by Federally-qualified rural Alaska residents during seasons identified above.

Coyote: 2 coyotes                                        | Sept. 1–Apr. 30. |
| Fox, Arctic (Blue and White Phase): 2 foxes            | Sept. 1–Apr. 30. |
| Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1. | Sept. 1–Mar. 15. |
| Hare (Snowshoe and Tundra): No limit                  | July 1–June 30. |
| Lynx: 2 lynx                                           | Nov. 10–Mar. 31. |
| Wolf: 5 wolves                                         | Aug. 10–Apr. 30. |
§ 100.25  

Harvest limits

<table>
<thead>
<tr>
<th>Wildlife</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grouse</td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td>Beaver</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Coyote</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Lynx</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Marten</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Mink and Weasel</td>
<td>Nov. 10–Jan. 31.</td>
</tr>
<tr>
<td>Muskrat</td>
<td>Nov. 10–June 10.</td>
</tr>
<tr>
<td>Otter</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolf</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
</tbody>
</table>

Trapping

<table>
<thead>
<tr>
<th>Wildlife</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Coyote</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases)</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Lynx</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Marten</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Mink and Weasel</td>
<td>Nov. 10–Jan. 31.</td>
</tr>
<tr>
<td>Muskrat</td>
<td>Nov. 10–June 10.</td>
</tr>
<tr>
<td>Otter</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolf</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine</td>
<td>Nov. 10–Mar. 31.</td>
</tr>
</tbody>
</table>

(19) Unit 19. (i) Unit 19 consists of the Kuskokwim River drainage upstream from a straight line drawn between Lower Kalskag and Piamut:

(A) Unit 19(A) consists of the Kuskokwim River drainage downstream from and including the Moose Creek drainage on the north bank and downstream from and including the Stony River drainage on the south bank, excluding Unit 19(B);

(B) Unit 19(B) consists of the Aniak River drainage upstream from and including the Salmon River drainage, the Holitna River drainage upstream from and including the Bakbuk Creek drainage, that area south of a line from the mouth of Bakbuk Creek to the radar dome at Sparrowhawk Air Force Base, including the Hoholitna River drainage upstream from that line, and the Stony River drainage upstream from and including the Can Creek drainage;

(C) Unit 19(C) consists of that portion of Unit 19 south and east of a line from Benchmark M * 1.26 (approximately 1.26 miles south of the northwest corner of the original M. McKinley National Park boundary) to the peak of Lone Mountain, then due west to Big River, including the Big River drainage upstream from that line, and including the Swift River drainage upstream from and including the North Fork drainage;

(D) Unit 19(D) consists of the remainder of Unit 19.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) Lands within Mount McKinley National Park as it existed prior to December 2, 1980, are closed to subsistence uses. Subsistence uses as authorized by this paragraph (k)(19) are permitted in Denali National Preserve and lands added to Denali National Park on December 2, 1980;

(B) The Upper Kuskokwim Controlled Use Area, which consists of that portion of Unit 19(D) upstream from the mouth of Big River including the drainages of the Big River, Middle Fork, South Fork, East Fork, and Tonzona River, and bounded by a line following the west bank of the Swift Fork (McKinley Fork) of the Kuskokwim River to 152° 50’ W. long., then north to the boundary of Denali National Preserve, then following the western boundary of Denali National Preserve north to its intersection with the Minchumina-Telida winter trail, then west to the crest of Telida Mountain, then north along the crest of Munsatli Ridge to elevation 1,610, then northwest to Dyckman Mountain and following the crest of the divide between the Kuskokwim River and the Nowitna drainage, and the divide between the Kuskokwim River and the Nixon Fork River to Loaf bench mark on Halfway Mountain, then south to the west side of Big River drainage, the point of beginning, is closed during moose hunting seasons to the use of aircraft for hunting moose, including transportation of any moose hunter or moose part; however, this does not apply to transportation of a moose hunter or moose part by aircraft between publicly owned airports in the Controlled Use Area, or between a publicly owned airport within the area and points outside the area.
(C) The Western Alaska Brown Bear Management Area, which consists of Unit 17(A), that portion of 17(B) draining into Nuyakuk Lake and Tikhich Lake, Unit 18, and that portion of Unit 19(A) and (B) downstream of and including the Aniak River drainage, is open to brown bear hunting by State registration permit in lieu of a resident tag; no resident tag is required for taking brown bears in the Western Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 30.

(B) [Reserved]

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
<tr>
<td>Unit 19(A) and (B) that portion which is downstream of and including the Aniak River drainage—1 bear.</td>
<td>Sept. 10–May 25.</td>
</tr>
<tr>
<td>Remainder of Unit 19(A), (B), and (D)—1 bear every four regulatory years</td>
<td>Sept. 1–Mar. 15.</td>
</tr>
<tr>
<td>Caribou:</td>
<td>Aug. 1–Mar. 15.</td>
</tr>
<tr>
<td>Unit 19(A) north of Kuskokwim River—1 caribou</td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td>Unit 19(A) south of the Kuskokwim River, and Unit 19(B) (excluding rural Alaska residents of Lime Village)—5 caribou.</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Unit 19(C)—1 caribou</td>
<td>Aug. 1–Apr. 15.</td>
</tr>
<tr>
<td>Unit 19(D) south and east of the Kuskokwim River and North Fork of the Kuskokwim River—1 caribou.</td>
<td>Aug. 10–Oct. 10.</td>
</tr>
<tr>
<td>Remainder of Unit 19(D)—1 caribou</td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td>Unit 19—Rural Alaska residents domiciled in Lime Village only; no individual harvest limit but a village harvest quota of 200 caribou; cows and calves may not be taken from Apr. 1–Aug. 9. Reporting will be by a community reporting system.</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>1 ram with ¾ curl</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Moose:</td>
<td>Sept. 1–Sept. 20.</td>
</tr>
<tr>
<td>Unit 19—Rural Alaska residents of Lime Village only—No individual harvest limit, but a village harvest quota of 40 moose (including those taken under the State Tier II system); reporting will be by a community reporting system.</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Unit 19(A)—that portion north of the Kuskokwim River upstream from, but not including the Holikak River drainage and south of the Kuskokwim River upstream from, but not including the Holikak River drainage—1 moose; however, antlerless moose may be taken only during the Feb. 1–Feb. 10 season.</td>
<td>Jan. 1–Jan. 10.</td>
</tr>
<tr>
<td>Remainder of Unit 19(A)—1 bull</td>
<td>Sept. 1–Sept. 30.</td>
</tr>
<tr>
<td>Unit 19(B)—1 antlered bull</td>
<td>Dec. 1–Feb. 28.</td>
</tr>
<tr>
<td>Unit 19(C)—1 antlered bull</td>
<td>Sept. 1–Sept. 30.</td>
</tr>
<tr>
<td>Unit 19(C)—1 bull by State registration permit</td>
<td>Sept. 1–Oct. 10.</td>
</tr>
<tr>
<td>Unit 19(D)—that portion of the Upper Kuskokwim Controlled Use Area within the North Fork drainage upstream from the confluence of the South Fork to the mouth of the Swift Fork—1 antlered bull.</td>
<td>Jan. 15–Feb. 15.</td>
</tr>
<tr>
<td>Remainder of Unit 19(D)—1 antlered bull</td>
<td>Sept. 1–Sept. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.</td>
<td>Sept. 1–April 30.</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>Sept. 1–April 30.</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Aug. 10–April 30.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–April 30.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10–April 30.</td>
</tr>
</tbody>
</table>

| Trapping | |
| Beaver: No limit | Nov. 1–Jun. 10. |
| Coyote: No limit | Nov. 1–Mar. 31. |
| Fox, Red (including Cross, Black and Silver Phases): No limit | Nov. 1–Mar. 31. |
| Lynx: No limit | Nov. 1–Mar. 31. |
| Marten: No limit | Aug. 10–April 30. |
| Mink and Weasel: No limit | Aug. 10–April 30. |
| Muskrat: No limit | Aug. 10–April 30. |
§ 100.25  

Harvest limits | Open season
---|---
Otter: No limit | Nov. 1–Apr. 15.
Wolf: No limit | Nov. 1–Apr. 30.
Wolverine: No limit | Nov. 1–Mar. 31.

(20) **Unit 20.** (i) Unit 20 consists of the Yukon River drainage upstream from and including the Tozitna River drainage to and including the Hamlin Creek drainage, drainages into the south bank of the Yukon River upstream from and including the Charley River drainage, the Ladue River and Fortymile River drainages and the Tanana River drainage north of Unit 13 and downstream from the east bank of the Robertson River:
   
   (A) Unit 20(A) consists of that portion of Unit 20 bounded on the south by the Unit 13 boundary, bounded on the east by the west bank of the Delta River, bounded on the north by the north bank of the Tanana River from its confluence with the Delta River downstream to its confluence with the Nenana River, and bounded on the west by the east bank of the Nenana River;
   
   (B) Unit 20(B) consists of drainages into the north bank of the Tanana River from and including Hot Springs Slough upstream to and including the Banner Creek drainage;
   
   (C) Unit 20(C) consists of that portion of Unit 20 bounded on the east by the east bank of the Nenana River and on the north by the north bank of the Tanana River downstream from the Nenana River;
   
   (D) Unit 20(D) consists of that portion of Unit 20 bounded on the east by the east bank of the Robertson River and on the west by the west bank of the Delta River, and drainages into the north bank of the Tanana River from its confluence with the Robertson River downstream to, but excluding the Banner Creek drainage;
   
   (E) Unit 20(E) consists of drainages into the south bank of the Yukon River upstream from and including the Charley River drainage, and the Ladue River drainage;
   
   (F) Unit 20(F) consists of the remainder of Unit 20.
   
(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:
   
   (A) Lands within Mount McKinley National Park as it existed prior to December 2, 1980, are closed to subsistence uses. Subsistence uses as authorized by this paragraph (k)(20) are permitted in Denali National Preserve and lands added to Denali National Park on December 2, 1980.
   
   (B) Use of motorized vehicles or pack animals for hunting is prohibited from Aug. 5–Aug. 25 in the Delta Controlled Use Area, the boundary of which is defined as: a line beginning at the confluence of Miller Creek and the Delta River, then west to vertical angle bench mark Miller, then west to include all drainages of Augustana Creek and Black Rapids Glacier, then north and east to include all drainages of McGinnis Creek to its confluence with the Delta River, then east in a straight line across the Delta River to Mile 236.7 Richardson Highway, then north along the Richardson Highway to its junction with the Alaska Highway, then east along the Alaska Highway to the west bank of the Johnson River, then south along the west bank of the Johnson River and Johnson Glacier to the head of the Canwell Glacier, then west along the north bank of the Canwell Glacier and Miller Creek to the Delta River;
   
   (C) The Dalton Highway Corridor Management Area, which consists of those portions of Units 20, 24, 25, and 26 extending five miles from each side of the Dalton Highway from the Yukon River to milepost 300 of the Dalton Highway, is closed to the use of motorized vehicles, except aircraft and boats, and to licensed highway vehicles, snowmobiles, and firearms except as provided below. The use of snowmobiles is authorized only for the subsistence taking of wildlife by residents living within the Dalton Highway Corridor Management Area. The use of licensed highway vehicles is limited only to designated roads within the Dalton Highway Corridor Management Area. The use of firearms within the Corridor is authorized only for the residents of Alatna, Allakaket, Anaktuvuk Pass,
(D) The Glacier Mountain Controlled Use Area, which consists of that portion of Unit 20(E) bounded by a line beginning at Mile 140 of the Taylor Highway, then north along the highway to Eagle, then west along the cat trail from Eagle to Crooked Creek, then from Crooked Creek southwest along the west bank of Mogul Creek to its headwaters on North Peak, then west across North Peak to the headwaters of Independence Creek, then southwest along the west bank of Independence Creek to its confluence with the North Fork of the Fortymile River, then easterly along the south bank of the North Fork of the Fortymile River to its confluence with Champion Creek, then across the North Fork of the Fortymile River to the south bank of Champion Creek and easterly along the south bank of Champion Creek to its confluence with Little Champion Creek, then northerly along the east bank of Little Champion Creek to its headwaters, then northeasterly in a direct line to Mile 140 on the Taylor Highway, is closed to the use of any motorized vehicle for hunting from August 5 to September 20; however, this does not prohibit motorized access via, or transportation of harvested wildlife on, the Taylor Highway or any airport.

(E) The Minto Flats Management Area, which consists of that portion of Unit 20 bounded by the Elliot Highway beginning at Mile 118, then northeasterly to Mile 96, then east to the Tolovana Hot Springs Dome, then east to the Winter Cat Trail, then along the Cat Trail south to the Old Telegraph Trail at Dunbar, then westerly along the trail to a point where it joins the Tanana River three miles above Old Minto, then along the north bank of the Tanana River (including all channels and sloughs except Swan Neck Slough), to the confluence of the Tanana and Tolovana Rivers and then northerly to the point of beginning, is open to moose hunting by permit only.

(F) The Fairbanks Management Area, which consists of the Goldstream sub-division (SE 1/4 SE 1/4, Section 28 and Section 33, Township 2 North, Range 1 West, Fairbanks Meridian) and that portion of Unit 20(B) bounded by a line from the confluence of Rosie Creek and the Tanana River, northerly along Rosie Creek to the divide between Rosie Creek and Cripple Creek, then down Cripple Creek to its confluence with Ester Creek, then up Ester Creek to its confluence with Ready Bullion Creek, then up Ready Bullion Creek to the summit of Ester Dome, then down Sheep Creek to its confluence with Goldstream Creek, then easterly along Goldstream Creek to its confluence with First Chance Creek, then up First Chance Creek to Tungsten Hill, then southerly along Steele Creek to its intersection with the Trans-Alaska Pipeline, then southerly along the pipeline right-of-way to the Chena River, then along the north bank of the Chena River to the Moose Creek dike, then southerly along Moose Creek dike to its confluence with the Tanana River, and then westerly along the north bank of the Tanana River to the point of beginning, is open to moose hunting by bow and arrow only.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 30.

(B) Trapping of wolves in Unit 20(E) during April and October with a steel trap, or with a snare using cable smaller than 3/32 inch diameter, is prohibited.

(C) The taking of up to three moose per regulatory year by the residents of Unit 20 and 21 is allowed for the celebration known as the Nuchalowoya Potlatch, under the terms of a Federal registration permit. Permits will be issued to individuals only at the request of the Native Village of Tanana. This three moose limit is not cumulative with that permitted by the State.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30</td>
</tr>
<tr>
<td>Brown Bear:</td>
<td></td>
</tr>
<tr>
<td>Unit 20(E): 1 bear</td>
<td>Aug. 10–June 30</td>
</tr>
<tr>
<td>Unit 20, remainder: 1 bear every four regulatory years</td>
<td>Sept. 1–May 31</td>
</tr>
</tbody>
</table>
§ 100.25

50 CFR Ch. I (10-1-98 Edition)

Harvest limits

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limit</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caribou:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(E)—1 bull</td>
<td></td>
<td>Aug. 10–Sept. 30</td>
</tr>
<tr>
<td>Unit 20(F)—Tozitna River drainage—1 bull</td>
<td></td>
<td>Nov. 15–Feb. 28</td>
</tr>
<tr>
<td>Unit 20(F)—south of the Yukon River—1 caribou</td>
<td></td>
<td>Aug. 10–Sept. 30</td>
</tr>
<tr>
<td>Remaider of Unit 20(F)—1 bull</td>
<td></td>
<td>Dec. 1–Dec. 31</td>
</tr>
<tr>
<td>Moose:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(A)—1 antlered bull</td>
<td></td>
<td>Sept. 1–Sept. 20</td>
</tr>
<tr>
<td>Unit 20(B)—portion within the Minto Flats Management Area—1 bull by Federal registration permit only</td>
<td>Sept. 1–Sept. 20</td>
<td></td>
</tr>
<tr>
<td>Remaider of Unit 20(B)—1 antlered bull</td>
<td></td>
<td>Jan. 10–Feb. 28</td>
</tr>
<tr>
<td>Unit 20(C)—that portion within Denali National Park and Preserve west of the Toklat River, excluding lands within Mount McKinley National Park as it existed prior to December 2, 1980—1 antlered bull; however, white-phased or partial albino (more than 50 percent white) moose may not be taken</td>
<td>Sept. 1–Sept. 30</td>
<td></td>
</tr>
<tr>
<td>Remaider of Unit 20(C)—1 antlered bull; however, white-phased or partial albino (more than 50 percent white) moose may not be taken</td>
<td>Sept. 1–Sept. 30</td>
<td></td>
</tr>
<tr>
<td>Lynx:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(E)—that portion within Yukon Charley National Preserve—1 bull</td>
<td></td>
<td>Aug. 20–Sept. 30</td>
</tr>
<tr>
<td>Unit 20(E)—portion drained by the Ladue, Sixty-mile, and Forty-mile Rivers (all forks) from Mile 9½ to Mile 145 Taylor Highway, including the Boundary Cutoff Road—1 antlered bull; however during the period Aug. 20–Aug. 28 only a bull with Spike/fork antlers may be taken</td>
<td>Aug. 20–Aug. 28</td>
<td></td>
</tr>
<tr>
<td>Unit 20(F)—portion within the Dalton Highway Corridor Management Area—1 antlered bull by Federal registration permit only</td>
<td>Sept. 1–Sept. 25</td>
<td></td>
</tr>
<tr>
<td>Remaider of Unit 20(F)—1 antlered bull</td>
<td></td>
<td>Sept. 1–Sept. 25</td>
</tr>
<tr>
<td>Coyote:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1</td>
<td>Sept. 1–Mar. 15</td>
<td></td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td></td>
<td>July 1–June 30</td>
</tr>
<tr>
<td>Lynx:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(E)—2 lynx</td>
<td></td>
<td>Nov. 1–Jan. 31</td>
</tr>
<tr>
<td>Remaider of Unit 20—2 lynx</td>
<td></td>
<td>Dec. 1–Jan. 31</td>
</tr>
<tr>
<td>Wolf:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 wolves</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wolverine:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grouse: (Spruce, Blue, Ruffed, and Sharp-tailed):</td>
<td></td>
<td>Aug. 25–Mar. 31</td>
</tr>
<tr>
<td>Unit 20(D)—portion south of the Tanana River and west of the Johnson River—15 per day, 30 in possession, provided that not more than 5 per day and 10 in possession are sharp-tailed grouse</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20—Remaider—15 per day, 30 in possession</td>
<td></td>
<td>Aug. 10–Mar. 31</td>
</tr>
<tr>
<td>Ptramigan (Rock, Willow, and White-tailed):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20—those portions within five miles of Alaska Route 5 (Taylor Highway, both to Eagle and the Alaska-Canada boundary) and that portion of Alaska Route 4 (Richardson Highway) south of Delta Junction—20 per day, 40 in possession</td>
<td>Aug. 10–Mar. 31</td>
<td></td>
</tr>
<tr>
<td>Unit 20—Remaider—20 per day, 40 in possession</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Trapping

<table>
<thead>
<tr>
<th>Animal</th>
<th>Limit</th>
<th>Season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(A), 20(B), 20(C), 20(E), and 20(D)—that portion draining into the north bank of the Tanana River, including the islands in the Tanana River—25 beaver</td>
<td>Nov. 1–Apr. 15</td>
<td></td>
</tr>
<tr>
<td>Remaider of Unit 20(D)—15 beaver</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(F)—50 beaver</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coyote:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(E)—No limit</td>
<td></td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Remaider Unit 20—No limit</td>
<td></td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 1–Feb. 28</td>
<td></td>
</tr>
<tr>
<td>Lynx:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(A), (B), (D), (E), and (C) east of the Teklanika River—No limit</td>
<td>Dec. 1–Feb. 28</td>
<td></td>
</tr>
<tr>
<td>Unit 20(F) and the remainder of 20(C)—No limit</td>
<td>Nov. 1–Feb. 28</td>
<td></td>
</tr>
<tr>
<td>Marten:</td>
<td></td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Mink and Weasel:</td>
<td></td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Muskrat:</td>
<td></td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Otter:</td>
<td></td>
<td>Nov. 1–Apr. 15</td>
</tr>
<tr>
<td>Wolf:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unit 20(E)—No limit</td>
<td></td>
<td>Sept. 20–June 10</td>
</tr>
<tr>
<td>Remaider of Unit 20—No limit</td>
<td></td>
<td>Nov. 1–June 10</td>
</tr>
<tr>
<td>Wolverine:</td>
<td></td>
<td>Nov. 1–Feb. 28</td>
</tr>
</tbody>
</table>
(21) Unit 21. (i) Unit 21 consists of drainages into the Yukon River upstream from Paimiut to, but not including the Tozitna River drainage on the north bank, and to, but not including the Tanana River drainage on the south bank; and excluding the Koyukuk River drainage upstream from the Dulbi River drainage:

(A) Unit 21(A) consists of the Innoko River drainage upstream from and including the Iditarod River drainage, and the Nowitna River drainage upstream from the Little Mud River;

(B) Unit 21(B) consists of the Yukon River drainage upstream from Ruby and east of the Ruby-Poorman Road, downstream from and excluding the Tozitna River and Tanana River drainages, and excluding the Nowitna River drainage upstream from the Little Mud River, and excluding the Melozitna River drainage upstream from Grayling Creek;

(C) Unit 21(C) consists of the Melozitna River drainage upstream from Grayling Creek, and the Dulbi River drainage upstream from and including the Cottonwood Creek drainage;

(D) Unit 21(D) consists of the Yukon River drainage from and including the Blackburn Creek drainage upstream to Ruby, including the area west of the Ruby-Poorman Road, excluding the Koyukuk River drainage upstream from the Dulbi River drainage, and excluding the Dulbi River drainage upstream from the Little Mud River;

(E) Unit 21(E) consists of the Yukon River drainage from Paimiut upstream to, but not including the Blackburn Creek drainage, and the Innoko River drainage downstream from the Iditarod River drainage.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) The Koyukuk Controlled Use Area, which consists of those portions of Units 21 and 24 bounded by a line from the north bank of the Yukon River at Koyukuk, then northerly to the confluences of the Honhosa and Kateel Rivers, then northeasterly to the confluences of Billy Hawk Creek and the Huslia River (65° 57′ N. lat., 156° 41′ W. long.), then easterly to the south end of Solsmunket Lake, then east to Hughes, then south to Little Indian River, then southwesterly to the crest of Hochandochla Mountain, then southwest to the mouth of Cottonwood Creek then southwest to Bishop Rock, then westerly along the north bank of the Yukon River (including Koyukuk Island) to the point of beginning, is closed during moose-hunting seasons to the use of aircraft for hunting moose, including transportation of any moose hunter or moose part; however, this does not apply to transportation of a moose hunter or moose part by aircraft between publicly owned airports in the controlled use area or between a publicly owned airport within the area and points outside the area; all hunters on the Koyukuk River passing the ADF&G operated check station at Ella’s Cabin (15 miles upstream from the Yukon on the Koyukuk River) are required to stop and report to ADF&G personnel at the check station;

(B) The Paradise Controlled Use Area, which consists of that portion of Unit 21 bounded by a line beginning at the old village of Paimiut, then north along the west bank of the Yukon River to Paradise, then northwest to the mouth of Stanstrom Creek on the Bonasila River, then northeast to the mouth of the Anvik River, then along the west bank of the Yukon River to the lower end of Eagle Island (approximately 45 miles north of Grayling), then to the mouth of the Iditarod River, then down the east bank of the Innoko River to its confluence with Paimiut Slough, then south along the east bank of Paimiut Slough to its mouth, and then to the old village of Paimiut, is closed during moose hunting seasons to the use of aircraft for hunting moose, including transportation of any moose hunter or part of moose; however, this does not apply to transportation of a moose hunter or part of moose by aircraft between publicly owned airports in the Controlled Use Area or between a publicly owned airport within the area and points outside the area.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 30;

(B) A firearm may be used to take beaver with a trapping license in Unit 21(E) from Apr. 1-June 1;
(C) The taking of up to three moose per regulatory year by the residents of Unit 20 and 21 is allowed for the celebration known as the Nuchalawoyya Potlatch, under the terms of a Federal registration permit. Permits will be issued to individuals only at the request of the Native Village of Tanana. This three moose limit is not cumulative with that permitted by the State.

(D) The taking of up to three moose per regulatory year by the residents of Unit 21 is allowed for the celebration known as the Kaltag/Nulato Stickdance, under the terms of a Federal registration permit. Permits will be issued to individuals only at the request of the Native Village of Kaltag or Nulato. This three moose limit is not cumulative with that permitted by the State.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Brown Bear: 1 bear every four regulatory years</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Caribou:</td>
<td></td>
</tr>
<tr>
<td>Unit 21(A)−1 caribou</td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td>Unit 21(B), (C), and (E)−1 caribou</td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td>Unit 21(D)−North of the Yukon River and east of the Koyukuk River 1 caribou; however, 2 additional caribou may be taken during a winter season to be announced.</td>
<td></td>
</tr>
<tr>
<td>Unit 21(D)−Remainder (Western Arctic Caribou herd)−5 caribou per day; however, cow caribou may not be taken May 16–June 30.</td>
<td></td>
</tr>
<tr>
<td>Moore:</td>
<td></td>
</tr>
<tr>
<td>Unit 21(A)−1 bull</td>
<td>Aug. 20–Sept. 25.</td>
</tr>
<tr>
<td>Unit 21(B) and (C)−1 antlered bull</td>
<td>Sept. 5–Sept. 25.</td>
</tr>
<tr>
<td>Unit 21(D)−1 moose; moose may not be taken within one-half mile of the Yukon River during the February season. During the Sept. 1–Sept. 25 season a State registration permit is required within the Koyukuk Controlled Use Area.</td>
<td></td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Aug. 20–Sept. 25.</td>
</tr>
<tr>
<td>Coyote: 2 coyotes</td>
<td>Feb. 1–Feb. 10.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.</td>
<td></td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Aug. 10–April 30.</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Nov. 1–Mar. 31.</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–April 30.</td>
</tr>
<tr>
<td>Ptarmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10–April 30.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: Unit 21—No Limit</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 1–Mar. 31.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Marten: No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 1–Apr. 15.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 1–Mar. 31.</td>
</tr>
</tbody>
</table>

(22) Unit 22. (i) Unit 22 consists of Bering Sea, Norton Sound, Bering Strait, Chukchi Sea, and Kotzebue Sound drainages from, but excluding, the Pastolik River drainage in southern Norton Sound to, but not including, the Goodhope River drainage in Southern Kotzebue Sound, and all adjacent islands in the Bering Sea between the mouths of the Goodhope and Pastolik Rivers:

(A) Unit 22(A) consists of Norton Sound drainages from, but excluding, the Pastolik River drainage to, and including, the Ungalik River drainage, and Stuart and Besboro Islands;
(B) Unit 22(B) consists of Norton Sound drainages from, but excluding, the Ungalik River drainage to, and including, the Topkok Creek drainage;
(C) Unit 22(C) consists of Norton Sound and Bering Sea drainages from, but excluding, the Topkok Creek drainage to, and including, the Tisuk River drainage, and King and Sledge Islands;
(D) Unit 22(D) consists of that portion of Unit 22 draining into the Bering Sea north of, but not including, the Tisuk River to and including Cape York, and St. Lawrence Island;
(E) Unit 22(E) consists of Bering Sea, Bering Strait, Chukchi Sea, and Kotzebue Sound drainages from Cape York to, but excluding, the Goodhope River drainage, and including Little Diomede Island and Fairway Rock.

(ii) The Northwest Alaska Brown Bear Management Area, which consists of Unit 22, except 22(C), those portions of Unit 23, except the Baldwin Peninsula north of the Arctic Circle, Unit 24, and Unit 26(A) is open to brown bear hunting by State registration permit in lieu of a resident tag; no resident tag is required for taking brown bears in the Northwest Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting; aircraft may not be used in the Northwest Alaska Brown Bear Management Area in any manner for brown bear hunting under the authority of a brown bear State registration permit, including transportation of hunters, bears or parts of bears; however, this does not apply to transportation of bear hunters or bear parts by regularly scheduled flights to and between communities by carriers that normally provide scheduled service to this area, nor does it apply to transportation of aircraft to or between publicly owned airports.

(iii) Unit-specific regulations:
(A) A firearm may be used to take beaver with a trapping license in Unit 22 during the established seasons;
(B) Coyote, incidentally taken with a trap or snare intended for red fox or wolf, may be used for subsistence purposes.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Unit 22(A)Ð1 bear by State registration permit by residents of Unit 22(A) only</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 22(B)Ð1 bear by State registration permit by residents of Unit 22(B) only</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 22(C)Ð1 antlered bull</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Remainder of Unit 22Ð1 bear by State registration permit</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Caribou: Unit 22(A) and (B)Ð5 caribou per day; however, cow caribou may not be taken May 16–June 30.</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Moose:</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 22(A)Ð1 bull; however, the period of Dec. 1–Jan. 31 is restricted to residents of Unit 22(A) only.</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 22(B)Ð1 moose; however, antlerless moose may be taken only from Dec. 1–Dec. 31; no person may take a cow accompanied by a calf.</td>
<td>Sept. 1–May 31.</td>
</tr>
<tr>
<td>Unit 22(C)Ð1 antlered bull</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(D)Ðthat portion within the Kuzitrin River drainageÐ1 antlered bull</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(D), remainderÐ1 moose; however, antlerless moose may be taken only from Dec. 1–Dec. 31; no person may take a cow accompanied by a calf.</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(E)Ð1 moose; no person may take a cow accompanied by a calf</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(D)Ð1 bull by Federal registration permit or State Tier II permit. Federal public lands are closed to the taking of muskox except by Federally-qualified subsistence users. Twelve Federal permits may be issued in conjunction with the State Tier II hunt; the combined total of Federal and State permits will not exceed 36 permits. Six Federal permits will be issued for National Park Service lands and six for Bureau of Land Management lands.</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(E)Ð1 bull by Federal registration permit or State Tier II permit. Federal public lands are closed to the taking of muskox except by Federally-qualified subsistence users. Nine Federal permits may be issued in conjunction with the State Tier II hunt; the combined total of Federal and State permits will not exceed 18 permits.</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Remainder of Unit 22</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Beaver:</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22(A), (B), (D), and (E)Ð50 beaver</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Unit 22 Remainder</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Coyote: Federal public lands are closed to the taking of coyotes</td>
<td>Sept. 1–May 14.</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase): 2 foxes</td>
<td>Sept. 1–Apr. 30.</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): 10 foxes</td>
<td>Nov. 1–Apr. 15.</td>
</tr>
</tbody>
</table>
(23) Unit 23. (i) Unit 23 consists of Kotzebue Sound, Chukchi Sea, and Arctic Ocean drainages from and including the Goodhope River drainage to Cape Lisburne.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) The Noatak Controlled Use Area, which consists of that portion of Unit 23 in a corridor extending five miles on either side of the Noatak River beginning at the mouth of the Noatak River, and extending upstream to the mouth of Sapun Creek, is closed for the period August 25-September 15 to the use of aircraft in any manner either for hunting of ungulates, bear, wolves, or wolverine, or for transportation of hunters or harvested species. This does not apply to the transportation of hunters or parts of ungulates, bear, wolves, or wolverine by regularly scheduled flights to communities by carriers that normally provide scheduled air service; and Unit 26(A) is open to brown bear hunting by State registration permit in lieu of a resident tag; no resident tag is required for taking brown bears in the Northwest Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting; aircraft may not be used in the Northwest Alaska Brown Bear Management Area in any manner for brown bear hunting under the authority of a brown bear State registration permit, including transportation of hunters, bears or parts of bears; however, this does not apply to transportation of bear hunters or bear parts by regularly scheduled flights to and between communities by carriers that normally provide scheduled service to this area, nor does it apply to transportation of aircraft to or between publicly owned airports.

(iii) Unit-specific regulations:

(A) Caribou may be taken from a boat under power in Unit 23;

(B) Swimming caribou may be taken with a firearm using rimfire cartridges;

(C) A firearm may be used to take beaver with a trapping license in all of Unit 23 from Nov. 1-J un. 10.
Black Bear: 3 bears. .................................................................
Brown Bear:
  Unit 23—except the Baldwin Peninsula north of the Arctic Circle—1 bear by State registration permit.
  Remainder of Unit 23—1 bear every four regulatory years. ..............................................
Caribou: 15 caribou per day; however, cow caribou may not be taken May 16–June 30 ..............
Sheep:
  Unit 23—south of Rabbit Creek, Kyak Creek and the Noatak River, and west of the Cutler and Redstone Rivers (Baird Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users. Unit 23—south of Rabbit Creek, Kyak Creek and the Noatak River, and west of the Cutler and Redstone Rivers (Baird Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users.
  Unit 23—north of Rabbit Creek, Kyak Creek and the Noatak River, and west of the Aniak River (DeLong Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users. Unit 23—north of Rabbit Creek, Kyak Creek and the Noatak River, and west of the Aniak River (DeLong Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users.
  Unit 23, remainder (Schwatka Mountains)—1 ram with 7/8 curl horn or larger ..........................
  Unit 23, remainder (Schwatka Mountains)—1 sheep. ..............................................................
Moose:
  Unit 23—that portion north and west of and including the Singoalik River drainage, and all lands draining into the Kulpuk and Ipewik Rivers—1 moose; no person may take a cow accompanied by a calf.
  Unit 23—that portion lying within the Noatak River drainage—1 moose; however, antelope-moose may be taken only from Nov. 1–Mar. 31; no person may take a cow accompanied by a calf.
  Remainder of Unit 23—1 moose; no person may take a cow accompanied by a calf ...............
Muskrat:
  Unit 23 South of Kotzebue Sound and west of and including the Buckland River drainage—1 bull by Federal registration permit or State Tier II permit. Federal public lands are closed to the taking of muskrat except by Federally-qualified subsistence users. Eight Federal permits may be issued in conjunction with the State Tier II hunt; the combined total of Federal and State permits will not exceed 10 permits.
  Remainder of Unit 23 .................................................................................................................
Coyote: 2 coyotes. ........................................................................................................................
Fox, Arctic (Blue and White Phase): 2 foxes
Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.
Hare (Snowshoe and Tundra): No limit .................................................................
Lynx: 2 lynx .................................................................
Wolf: 5 wolves ............................................................................................................................
Wolverine: 1 wolverine. ..............................................................................................................
Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession ........................
Partridge (Rock, Willow, and White-tailed): 20 per day, 40 in possession .................................
Beaver: Unit 23—the Kobuk and Selawik River drainages—50 beaver ........................................
  Remainder of Unit 23—30 beaver ................................................................................................
Coyote: No limit ........................................................................................................................
Fox, Arctic (Blue and White Phase): No limit
Fox, Red (including Cross, Black and Silver Phases): No limit.
Lynx: 3 lynx .................................................................
Marten: No limit .................................................................
Mink and Weasel: No limit .................................................................
Muskrat: No limit ........................................................................................................................
Otter: No limit ............................................................................................................................
Wolf: No limit ..............................................................................................................................
(24) Unit 24. (i) Unit 24 consists of the Koyukuk River drainage upstream from but not including the Dulbi River drainage.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) The Dalton Highway Corridor Management Area, which consists of those portions of Units 20, 24, 25, and 26 extending five miles from each side of the Dalton Highway from the Yukon River to milepost 300 of the Dalton Highway, is closed to the use of motorized vehicles, except aircraft and boats, and to licensed highway vehicles, snowmobiles, and firearms except as follows: The use of snowmobiles is authorized only for the subsistence taking of wildlife by residents living within the Dalton Highway Corridor Management Area. The use of licensed highway vehicles is limited to designated roads within the Dalton Highway Corridor Management Area. The use of firearms within the Corridor is authorized only for the residents of Alatna, Allakaket, Anaktuvuk Pass, Bettles, Evansville, Stevens Village, and residents living within the Corridor;

(B) The Kanuti Controlled Use Area, which consists of that portion of Unit 24 bounded by a line from the Bettles Field VOR to the east side of Fish Creek Lake, to Old Dummy Lake, to the south end of Lake Todatonten (including all waters of these lakes), to the northernmost headwaters of Siruk Creek, to the highest peak of Double Point Mountain, then back to the Bettles Field VOR, is closed during moose-hunting seasons to the use of aircraft for hunting moose, including transportation of any moose hunter or moose part; however, this does not apply to transportation of a moose hunter or moose part by aircraft between publicly owned airports in the controlled use area or between a publicly owned airport within the area and points outside the area; all hunters on the Koyukuk River passing the ADF&G operated check station at Ella’s Cabin (15 miles upstream from the Yukon on the Koyukuk River) are required to stop and report to ADF&G personnel at the check station;

(D) The Northwest Alaska Brown Bear Management Area, which consists of Unit 22, except 22(C), those portions of Unit 23, except the Baldwin Peninsula north of the Arctic Circle, Unit 24, and Unit 26(A), is open to brown bear hunting by State registration permit in lieu of a resident tag. No resident tag is required for taking brown bears in the Northwest Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting. Aircraft may not be used in the Northwest Alaska Brown Bear Management Area in any manner for brown bear hunting under the authority of a brown bear State registration permit, including transportation of hunters, bears or parts of bears. However, this does not apply to transportation of bear hunters or bear parts by regularly scheduled
flights to and between communities by carriers that normally provide scheduled service to this area, nor does it apply to transportation of aircraft to or between publicly owned airports.

(iii) Unit-specific regulations:

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30</td>
</tr>
<tr>
<td>Brown Bear: Unit 24—1 bear by State registration permit</td>
<td>Sept. 1–May 31</td>
</tr>
<tr>
<td>Caribou: Unit 24—the Kanuti River drainage upstream from Kanuti, Chalatna Creek, the Fish Creek drainage (including Bonanza Creek)—1 bull.</td>
<td>Aug. 10–Sept. 30</td>
</tr>
<tr>
<td>Remainder of Unit 24—5 caribou per day; however, cow caribou may not be taken May 16–June 30.</td>
<td>July 1–June 30</td>
</tr>
<tr>
<td><strong>Sheep:</strong></td>
<td></td>
</tr>
<tr>
<td>Unit 24—(Anaktuvuk Pass residents only)—that portion within the Gates of the Arctic National Park—community harvest quota of 60 sheep, no more than 10 of which may be ewes and a daily possession limit of 3 sheep per person no more than 1 of which may be a ewe.</td>
<td>July 15–Dec. 31</td>
</tr>
<tr>
<td>Unit 24—(excluding Anaktuvuk Pass residents)—that portion within the Gates of the Arctic National Park—3 sheep.</td>
<td>Aug. 1–Apr. 30</td>
</tr>
<tr>
<td>Unit 24—that portion within the Dalton Highway Corridor Management Area; except, Gates of the Arctic National Park—1 ram with 7/8 curl horn or larger by Federal registration permit only.</td>
<td>Aug. 10–Sept. 20</td>
</tr>
<tr>
<td>Remainder of Unit 24—1 ram with 7/8 curl horn or larger.</td>
<td>Aug. 10–Sept. 20</td>
</tr>
<tr>
<td><strong>Moose:</strong></td>
<td></td>
</tr>
<tr>
<td>Unit 24—that portion within the Koyukuk Controlled Use Area—1 moose; however, upstream from Huslia antlerless moose may only be taken during the periods of Sept. 21–Sept. 25, Dec. 1–Dec. 10, and Mar. 1–Mar. 10.</td>
<td>Sept. 1–Sept. 25, Dec. 1–Dec. 10, Mar. 1–Mar. 10</td>
</tr>
<tr>
<td>Unit 24—that portion that includes the John River drainage within the Gates of the Arctic National Park—1 moose.</td>
<td>Aug. 1–Dec. 31</td>
</tr>
<tr>
<td>Unit 24—the Alatna River drainage within the Gates of the Arctic National Park—1 moose; however, antlerless moose may be taken only from Sept. 21–Sept. 25 and Mar. 1–Mar. 10.</td>
<td>Aug. 25–Dec. 31, Mar. 1–Mar. 10</td>
</tr>
<tr>
<td>Unit 24—all drainages to the north of the Koyukuk River upstream from and including the Alatna River to and including the North Fork of the Koyukuk River, except those portions of the John River and the Alatna River drainages within the Gates of the Arctic National Park—1 moose; however, antlerless moose may be taken only from Sept. 21–Sept. 25 and Mar. 1–Mar. 10.</td>
<td>Aug. 25–Sept. 25</td>
</tr>
<tr>
<td>Unit 24—that portion within the Dalton Highway Corridor Management Area; except, Gates of the Arctic National Park—1 antlered bull by Federal registration permit only.</td>
<td>Aug. 25–Sept. 25</td>
</tr>
<tr>
<td>Remainder of Unit 24—1 antlered bull. Public lands in the Kanuti Controlled Use Area are closed to taking of moose, except by eligible rural Alaska residents.</td>
<td>Aug. 25–Sept. 25</td>
</tr>
<tr>
<td><strong>Coyote:</strong> 2 coyotes.</td>
<td>Sept. 1–Apr. 30, Sept. 1–Mar. 15</td>
</tr>
<tr>
<td><strong>Fox, Red (including Cross, Black and Silver Phases):</strong> 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.</td>
<td>July 1–June 30, Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra): No limit</td>
<td>Nov. 1–Feb. 28, Aug. 10–Apr. 30</td>
</tr>
<tr>
<td>Lynx: 2 lynx</td>
<td>Sept. 1–Mar. 31</td>
</tr>
<tr>
<td>Wolf: 5 wolves</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Wolverine: 1 wolverine</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession</td>
<td>Aug. 10–Apr. 30</td>
</tr>
<tr>
<td>Parmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession</td>
<td>Aug. 10–Apr. 30</td>
</tr>
</tbody>
</table>

(B) Bait may be used to hunt black bear between April 15 and June 30.

(A) Arctic fox, incidentally taken with a trap or snare intended for red fox, may be used for subsistence purposes.

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaver: No limit</td>
<td>Nov. 1–Apr. 15</td>
</tr>
<tr>
<td>Coyote: No limit</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases): No limit</td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Lynx: No limit</td>
<td>Nov. 1–Feb. 28, Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 1–Feb. 28</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 1–Mar. 31</td>
</tr>
<tr>
<td>Wolverine: No limit</td>
<td>Nov. 1–Mar. 31</td>
</tr>
</tbody>
</table>

Grouse (Spruce, Blue, Ruffed, and Sharp-tailed): 15 per day, 30 in possession.

Parmigan (Rock, Willow, and White-tailed): 20 per day, 40 in possession.

**Wolverine:** No limit.

**Wolf:** No limit.

**Wolverine:** No limit.
(25) Unit 25. (i) Unit 25 consists of the Yukon River drainage upstream from but not including the Hamlin Creek drainage, and excluding drainages into the south bank of the Yukon River upstream from the Charley River:

(A) Unit 25(A) consists of the Hodzana River drainage upstream from the Narrows, the Chandalar River drainage upstream from and including the East Fork drainage, the Christian River drainage upstream from Christian, the Sheenjek River drainage upstream from and including the Thluichohnjik Creek, the Coleen River drainage, and the Old Crow River drainage;

(B) Unit 25(B) consists of the Little Black River drainage upstream from but not including the Big Creek drainage, the Black River drainage upstream from and including the Salmon Fork drainage, the Porcupine River drainage upstream from the confluence of the Coleen and Porcupine Rivers, and drainages into the north bank of the Yukon River upstream from Circle, including the islands in the Yukon River;

(C) Unit 25(C) consists of drainages into the south bank of the Yukon River upstream from Circle to the Subunit 20(E) boundary, the Birch Creek drainage upstream from the Steese Highway bridge (milepost 147), the Preacher Creek drainage upstream from and including the Rock Creek drainage, and the Beaver Creek drainage upstream from and including the Moose Creek drainage;

(D) Unit 25(D) consists of the remainder of Unit 25.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) The Dalton Highway Corridor Management Area, which consists of those portions of Units 20, 24, 25, and 26 extending five miles from each side of the Dalton Highway from the Yukon River to milepost 300 of the Dalton Highway, is closed to the use of motorized vehicles, except aircraft and boats, and to licensed highway vehicles, snowmobiles, and firearms except as follows: The use of snowmobiles is authorized only for the subsistence taking of wildlife by residents living within the Dalton Highway Corridor Management Area. The use of licensed highway vehicles is limited only to designated roads within the Dalton Highway Corridor Management Area. The use of firearms within the Corridor is authorized only for the residents of Atalna, Ailakaket, Anaktuvuk Pass, Bettles, Evansville, Stevens Village, and residents living within the Corridor;

(B) The Arctic Village Sheep Management Area; that portion of Unit 25(A) north and west of Arctic Village, which is bounded on the east by the East Fork Chandalar River beginning at the confluence of Red Sheep Creek and proceeding southwesterly downstream past Arctic Village to the confluence with Crow Nest Creek, continuing up Crow Nest Creek, through Portage Lake, to its confluence with the Junjik River; then down the Junjik River past Timber Lake and a larger tributary, to a major, unnamed tributary, northwesterly, for approximately 6 miles where the stream forks into two roughly equal drainages; the boundary follows the easternmost fork, proceeding almost due north to the headwaters and intersects the Continental Divide; the boundary then follows the Continental Divide easterly, through Carter Pass, then easterly and northeasterly approximately 62 miles along the divide to the headwaters of the most northerly tributary of Red Sheep Creek then follows southerly along the divide designating the eastern extreme of the Red Sheep Creek drainage then to the confluence of Red Sheep Creek and the East Fork Chandalar River.

(iii) Unit-specific regulations:

(A) Bait may be used to hunt black bear between April 15 and June 30;

(B) Caribou and moose may be taken from a boat under power in Unit 25.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting</td>
<td></td>
</tr>
<tr>
<td>Black Bear: 3 bears</td>
<td>July 1–June 30.</td>
</tr>
<tr>
<td>Caribou:</td>
<td></td>
</tr>
<tr>
<td>Harvest limits</td>
<td>Open season</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td><strong>Unit 25(A), (B), and the remainder of Unit 25(D)—10 caribou; however, no more than 5 caribou may be transported from these units per regulatory year.</strong></td>
<td>July 1–Apr. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(C)—that portion south and east of the Steese Highway—1 bull by Federal registration permit only; the season will close when a harvest quota for the Fortymile herd has been reached.</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(D)—that portion north and west of the Steese Highway—1 caribou; however, only bull caribou may be taken during the Aug. 15–Sept. 20 season.</strong></td>
<td>Nov. 15–Feb. 28.</td>
</tr>
<tr>
<td><strong>25(C)—that portion within the Dalton Highway Corridor Management Area.</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Units 25(A)—2 rams by Federal registration permit only.</strong> Public lands are closed to the taking of sheep except by rural Alaska residents of Arctic Village, Venete, Fort Yukon, Kaktovik and Chalkyitsik during seasons identified above.**</td>
<td>Sept. 1–Sept. 15.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(A)—3 sheep by Federal registration permit only</strong></td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td><strong>Moose:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Unit 25(A)—1 antlered bull</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(B)—1 antlered bull</strong></td>
<td>Aug. 25–Sept. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(B)—that portion within the Porcupine River drainage upstream from, but excluding the Colleen River drainage—1 antlered bull.</strong></td>
<td>Aug. 25–Sept. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(D)(West)—that portion lying west of a line extending from the Unit 25(D) boundary on Preacher Creek, then downstream along Preacher Creek, Birch Creek and Lower Mouth Birch Creek to the Yukon River, then downstream along the north bank of the Yukon River (including islands) to the confluence of the Hadweenzik River, then upstream along the west bank of the Hadweenzik River to the confluence of Forty and One-Half Mile Creek, then upstream along Forty and One-Half Mile Creek to Nelson Mountain on the Unit 25(D) boundary—1 bull by a Federal registration permit.</strong></td>
<td>Aug. 25–Sept. 30.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(D)(West)—that portion of Unit 25(D) drained by the west fork of the Dall River west of 150° W. long.—1 bull.</strong></td>
<td>Sept. 1–Sept. 15.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(C)—1 antlered bull</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(D)(West)—that portion of Unit 25(D) drained by the west fork of the Dall River west of 150° W. long.—1 bull.</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(C)—1 antlered bull</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(D)(West)—that portion lying west of a line extending from the Unit 25(D) boundary on Preacher Creek, then downstream along Preacher Creek, Birch Creek and Lower Mouth Birch Creek to the Yukon River, then downstream along the north bank of the Yukon River (including islands) to the confluence of the Hadweenzik River, then upstream along the west bank of the Hadweenzik River to the confluence of Forty and One-Half Mile Creek, then upstream along Forty and One-Half Mile Creek to Nelson Mountain on the Unit 25(D) boundary—1 bull by a Federal registration permit.</strong></td>
<td>Aug. 10–Sept. 30.</td>
</tr>
</tbody>
</table>

**Beaver:**

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit 25, excluding Unit 25(C)—1 beaver per day; 1 in possession</strong></td>
<td>Aug. 25–Sept. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(C)</strong></td>
<td>Dec. 1–Dec. 20.</td>
</tr>
<tr>
<td><strong>Coyote:</strong></td>
<td>Oct. 1–Mar. 15.</td>
</tr>
<tr>
<td><strong>Fox, Red (including Cross, Black and Silver Phases): 10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1.</strong></td>
<td>Sept. 1–Mar. 15.</td>
</tr>
<tr>
<td><strong>Hare (Snowshoe and Tundra): No limit</strong></td>
<td>Sept. 1–Mar. 15.</td>
</tr>
<tr>
<td><strong>Lynx:</strong></td>
<td>Dec. 1–Jan. 31.</td>
</tr>
<tr>
<td><strong>Wolf:</strong></td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td><strong>Wolverine:</strong></td>
<td>Dec. 1–Jan. 31.</td>
</tr>
<tr>
<td><strong>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed):</strong></td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td><strong>Unit 25(C)—15 per day, 30 in possession</strong></td>
<td>Dec. 1–Jan. 31.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25(C)—those portions within 5 miles of Route 6 (Steese Highway)—20 per day, 40 in possession.</strong></td>
<td>Aug. 10–Apr. 30.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25—20 per day, 40 in possession</strong></td>
<td>Aug. 10–Apr. 30.</td>
</tr>
</tbody>
</table>

**Trapping**

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beaver:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Unit 25(C)—25 beaver</strong></td>
<td>Nov. 1–Apr. 15.</td>
</tr>
<tr>
<td><strong>Remainder of Unit 25—50 beaver</strong></td>
<td>Nov. 1–Apr. 15.</td>
</tr>
<tr>
<td><strong>Coyote:</strong></td>
<td>Nov. 1–Apr. 15.</td>
</tr>
<tr>
<td><strong>Fox, Red (including Cross, Black and Silver Phases): No limit</strong></td>
<td>Nov. 1–Mar. 15.</td>
</tr>
<tr>
<td><strong>Lynx:</strong></td>
<td>Nov. 1–Feb. 28.</td>
</tr>
</tbody>
</table>
§ 100.25

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marten: No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Mink and Weasel: No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Muskrat: No limit</td>
<td>Nov. 1–June 10.</td>
</tr>
<tr>
<td>Otter: No limit</td>
<td>Nov. 1–Apr. 15.</td>
</tr>
<tr>
<td>Wolf: No limit</td>
<td>Nov. 1–Mar. 31.</td>
</tr>
<tr>
<td>Wolverine: Unit 25(C)—No limit</td>
<td>Nov. 1–Feb. 28.</td>
</tr>
<tr>
<td>Remainder of Unit 25—No limit</td>
<td>Nov. 1–Mar. 31.</td>
</tr>
</tbody>
</table>

(26) Unit 26. (i) Unit 26 consists of Arctic Ocean drainages between Cape Lisburne and the Alaska-Canada border including the Firth River drainage within Alaska:

(A) Unit 26(A) consists of that portion of Unit 26 lying west of the Itkillik River drainage and west of the east bank of the Colville River between the mouth of the Itkillik River and the Arctic Ocean;

(B) Unit 26(B) consists of that portion of Unit 26 east of Unit 26(A), west of the west bank of the Canning River and west of the west bank of the Marsh Fork of the Canning River;

(C) Unit 26(C) consists of the remainder of Unit 26.

(ii) In the following areas, the taking of wildlife for subsistence uses is prohibited or restricted on public land:

(A) The Unit 26(A) Controlled Use Area, which consists of Unit 26(A), is closed to the use of aircraft in any manner for moose hunting, including transportation of moose hunters or parts of moose from Aug. 1—Aug. 31 and from Jan. 1—Mar. 31. No hunter may take or transport a moose, or part of a moose in Unit 26(A) after having been transported by aircraft into the unit. However, this does not apply to transportation of moose hunters or moose parts by regularly scheduled flights to and between villages by carriers that normally provide scheduled service to this area, nor does it apply to transportation by aircraft to or between publicly owned airports;

(B) The Dalton Highway Corridor Management Area, which consists of those portions of Units 20, 24, 25, and 26 extending five miles from each side of the Dalton Highway from the Yukon River to milepost 300 of the Dalton Highway, is closed to the use of motorized vehicles, except aircraft and boats, and to licensed highway vehicles, snowmobiles, and firearms except as follows: The use of snowmobiles is authorized only for the subsistence taking of wildlife by residents living within the Dalton Highway Corridor Management Area. The use of licensed highway vehicles is limited only to designated roads within the Dalton Highway Corridor Management Area. The use of firearms within the Corridor is authorized only for the residents of Alatna, Allakaket, Anaktuvuk Pass, Bettles, Evansville, Stevens Village, and residents living within the Corridor;

(C) The Northwest Alaska Brown Bear Management Area, which consists of Unit 22, except 22(C), those portions of Unit 23, except the Baldwin Peninsula north of the Arctic Circle, Unit 24, and Unit 26(A), is open to brown bear hunting by State registration permit in lieu of a resident tag. No resident tag is required for taking brown bears in the Northwest Alaska Brown Bear Management Area, provided that the hunter has obtained a State registration permit prior to hunting. Aircraft may not be used in the Northwest Alaska Brown Bear Management Area in any manner for brown bear hunting under the authority of a brown bear State registration permit, including transportation of hunters, bears or parts of bears. However, this does not apply to transportation of bears or bear parts by regularly scheduled flights to and between communities by carriers that normally provide scheduled service to this area, nor does it apply to transportation of aircraft to or between publicly owned airports.

(iii) Unit-specific regulations:

(A) Caribou may be taken from a boat under power in Unit 26;

(B) Swimming caribou may be taken with a firearm using rimfire cartridges;

(C) In Kaktovik, a Federally-qualified subsistence user (recipient) may designate another Federally-qualified subsistence user to take sheep on his or
VerDate 23<NOV>98 09:45 Dec 09, 1998 Jkt 179206 PO 00000 Frm 00851 Fmt 8010 Sfmt 8010 Y:\SGML\179206.XXX pfrm02 PsN: 179206T

...turn a completed harvest report. The designated hunter may hunt for any number of recipients but may have no more than two harvest limits in his/her possession at any one time.

<table>
<thead>
<tr>
<th>Harvest limits</th>
<th>Open season</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hunting</strong></td>
<td></td>
</tr>
<tr>
<td>Black Bear:</td>
<td>3 bears</td>
</tr>
<tr>
<td></td>
<td>Unit 26(A)—1 bear by State registration permit</td>
</tr>
<tr>
<td></td>
<td>Unit 26 (B) and (C)–1 bear</td>
</tr>
<tr>
<td>Caribou:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit 26(A)—10 caribou per day; however, cow caribou may not be taken May 16–June 30. Federal lands south of the Colville River and east of the the Killik River are closed to the taking of caribou by non-Federally qualified subsistence users from Aug. 1–Sept. 30.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(B)—10 caribou per day; however, cow caribou may be taken only from Oct. 1–Apr. 30.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(C)—10 caribou per day</td>
</tr>
<tr>
<td></td>
<td>Not more than 5 caribou per regulatory year may be transported from Unit 26 except to the community of Anaktuvuk Pass.</td>
</tr>
<tr>
<td>Sheep:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>26(A) and (B) (Anaktuvuk Pass residents only)—those portions within the Gates of the Arctic National Park—community harvest quota of 60 sheep, no more than 10 of which may be ewes and a daily possession limit of 3 sheep per person no more than 1 of which may be a ewe.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(A) (excluding Anaktuvuk Pass residents)—that portion within the Gates of the Arctic National Park—3 sheep.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(A)—that portion west of Howard Pass and the Eltivuk River (DeLong Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(A)—that portion west of Howard Pass and the Eltivuk River (DeLong Mountains)—1 ram with full curl or larger horns by Federal registration permit. Federal public lands are closed to the taking of sheep except by Federally-qualified subsistence users.</td>
</tr>
<tr>
<td>Unit 26 (B)</td>
<td>Unit 26(B)—that portion within the Dalton Highway Corridor Management Area—1 ram with 7/8 curl horn or larger by Federal registration permit only.</td>
</tr>
<tr>
<td></td>
<td>Remainder of Units 26(A) and (B)—including the Gates of the Arctic National Preserve—1 ram with 7/8 curl horn or larger.</td>
</tr>
<tr>
<td></td>
<td>Unit 26(C)—3 sheep per regulatory year; the Aug. 10—Sept. 20 season is restricted to 1 ram with 7/8 curl horn or larger. A Federal registration permit is required for the Oct. 1—Apr. 30 season.</td>
</tr>
<tr>
<td>Moose:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit 26(A)—that portion of the Colville River drainage downstream from the mouth of the Anaktuvuk River—1 bull. Federal public lands are closed to the taking of moose by non-Federally qualified subsistence users.</td>
</tr>
<tr>
<td></td>
<td>Remainder of Unit 26</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Muskox:</td>
<td>Unit 26(C)—1 muskox by Federal registration permit only; 12 permits for bulls and 3 permits for cows may be issued to rural Alaska residents of the village of Kaktovik only. Public lands are closed to the taking of muskox, except by rural Alaska residents of the village of Kaktovik during open seasons.</td>
</tr>
<tr>
<td>Coyote:</td>
<td>2 coyotes</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase):</td>
<td>2 foxes</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases):</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit 26(A) and (B)—10 foxes; however, no more than 2 foxes may be taken prior to Oct. 1</td>
</tr>
<tr>
<td></td>
<td>Unit 26(C)—10 foxes</td>
</tr>
<tr>
<td>Hare (Snowshoe and Tundra):</td>
<td>No limit</td>
</tr>
<tr>
<td>Lynx:</td>
<td>2 lynx</td>
</tr>
<tr>
<td>Wolverine:</td>
<td>5 wolverine</td>
</tr>
<tr>
<td>Grouse (Spruce, Blue, Ruffed, and Sharp-tailed):</td>
<td>15 per day, 30 in possession</td>
</tr>
<tr>
<td>Partridge (Rock, Willow, and White-tailed):</td>
<td>20 per day, 40 in possession</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trapping</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coyote:</td>
<td>No limit</td>
</tr>
<tr>
<td>Fox, Arctic (Blue and White Phase):</td>
<td>No limit</td>
</tr>
<tr>
<td>Fox, Red (including Cross, Black and Silver Phases):</td>
<td>No limit</td>
</tr>
</tbody>
</table>
§ 100.26 Subsistence taking of fish.

(a) Applicability. (1) Regulations in this section apply to the taking of finfish, excluding halibut, or their parts for subsistence uses.

(2) Finfish, excluding halibut, may be taken for subsistence uses at any time by any method unless restricted by the subsistence fishing regulations found in this section.

(b) Definitions. The following definitions shall apply to all regulations contained in this section and § 100.27:

Abalone Iron means a flat device which is used for taking abalone and which is more than one inch (24 mm) in width and less than 24 inches (610 mm) in length, with all prying edges rounded and smooth.

ADF&G means the Alaska Department of Fish and Game.

Anchor means a device used to hold a salmon fishing vessel or net in a fixed position relative to the beach; this includes using part of the seine or lead, a ship’s anchor, or being secured to another vessel or net that is anchored.

Bag limit means the maximum legal take per person or designated group, per specified time period, even if part or all of the fish are preserved.

Beach seine means a floating net which is designed to surround fish and is set from and hauled to the beach.

Char means the following species: Arctic char (Salvelinus alpinus); lake trout (Salvelinus namaycush); and Dolly Varden (Salvelinus malma).

Crab means the following species: red king crab (Paralithodes camshatica); blue king crab (Paralithodes platypus); brown king crab (Lithodes aequispina); Lithodes couesi; all species of Tanner or snow crab (Chionoecetes spp.); and Dungeness crab (Cancer magister).

Dip net means a bag-shaped net supported on all sides by a rigid frame; the maximum straight-line distance between any two points on the net frame, as measured through the net opening, may not exceed five feet; the depth of the bag must be at least one-half of the greatest straight-line distance, as measured through the net opening; no portion of the bag may be constructed of webbing that exceeds a stretched measurement of 4.5 inches; the frame must be attached to a single rigid handle and be operated by hand.

Diving gear means any type of hard hat or skin diving equipment, including SCUBA equipment.

Drainage means all of the waters comprising a watershed including tributary rivers, streams, sloughs, ponds and lakes which contribute to the supply of the watershed.

Drift gill net means a drifting gill net that has not been intentionally staked, anchored or otherwise fixed.

Federal lands means lands and waters and interests therein to which is in the United States.

Fishwheel means a fixed, rotating device for catching fish which is driven by river current or other means of power.

Freshwater of streams and rivers means the line at which freshwater is separated from saltwater at the mouth of streams and rivers by a line drawn between the seaward extremities of the exposed tideland banks at the present stage of the tide.

Fyke net means a fixed, funneling (fyke) device used to entrap fish.

Gear means any type of fishing apparatus.

Gill net means a net primarily designed to catch fish by entanglement in a mesh that consists of a single sheet of webbing which hangs between cork...
line and lead line, and which is fished from the surface of the water.

Grappling hook means a hooked device with flukes or claws, which is attached to a line and operated by hand.

Groundfish—bottomfish means any marine finfish except halibut, osmerids, herring and salmonids.

Hand purse seine means a floating net which is designed to surround fish and which can be closed at the bottom by pursing the lead line; pursing may only be done by hand power, and a free-running line through one or more rings attached to the lead line is not allowed.

Herring pound means an enclosure used primarily to contain live herring over extended periods of time.

Hung measure means the maximum length of the cork line when measured wet or dry with traction applied at one end only.

Jigging gear means a line or lines with lures or baited hooks, drawn through the water by hand, and which are operated during periods of ice cover from holes cut in the ice.

Lead means either a length of net employed for guiding fish into a seine, set gill net, or other length of net, or a length of fencing employed for guiding fish into a fishwheel, fyke net or dip net.

Long line means either a stationary, buoyed, or anchored line, or a floating, free-drifting line with lures or baited hooks attached.

Possession limit means the maximum number of fish a person or designated group may have in possession if the fish have not been canned, salted, frozen, smoked, dried, or otherwise preserved so as to be fit for human consumption after a 15 day period.

Purse seine means a floating net which is designed to surround fish and which can be closed at the bottom by means of a free-running line through one or more rings attached to the lead line.

Ring net means a bag-shaped net suspended between no more than two frames; the bottom frame may not be larger in perimeter than the top frame; the gear must be nonrigid and collapsible so that free movement of fish or shellfish across the top of the net is not prohibited when the net is employed.

Rockfish means all species of the genus Sebastes.

Rod and reel means either a device upon which a line is stored on a fixed or revolving spool and is deployed through guides mounted on a flexible pole, or a line that is attached to a pole.

Salmon means the following species: pink salmon (Oncorhynchus gorbuscha); sockeye salmon (Oncorhynchus nerka); chinook salmon (Oncorhynchus tshawytscha); coho salmon (Oncorhynchus kisutch); and chum salmon (Oncorhynchus keta).

Salmon stream means any stream used by salmon for spawning or for traveling to a spawning area.

Salmon stream terminus means a line drawn between the seaward extremities of the exposed tideland banks of any salmon stream at mean lower low water.

Set gill net means a gill net that has been intentionally set, staked, anchored, or otherwise fixed.

Shovel means a hand-operated implement for digging clams or cockles.

Spear means a shaft with a sharp point or fork-like implement attached to one end which is used to thrust through the water to impale or retrieve fish and which is operated by hand.

Take or taking means to pursue, hunt, shoot, trap, net capture, collect, kill,
§ 100.26

harm, or attempt to engage in any such conduct.

To operate fishing gear means any of the following: the deployment of gear in the waters of Alaska; the removal of gear from the waters of Alaska; the removal of fish or shellfish from the gear during an open season or period; or the possession of a gill net containing fish during an open fishing period, except that a gill net which is completely clear of the water is not considered to be operating for the purposes of minimum distance requirement.

Trawl means a bag-shaped net towed through the water to capture fish or shellfish.

Trout means the following species: cutthroat trout (Oncorhynchus clarki) and rainbow trout or steelhead trout (Oncorhynchus mykiss).

(c) Methods, means, and general restrictions. (1) No person may buy or sell fish, their parts, or their eggs which have been taken for subsistence uses, unless, prior to the sale, the prospective buyer or seller obtains a determination from the Federal Subsistence Board that the sale constitutes customary trade.

(2) No person may take fish for subsistence uses within 300 feet of any dam, fish ladder, weir, culvert or other artificial obstruction.

(3) No person may use explosives or chemicals to take fish for subsistence uses.

(4) Each person shall plainly and legibly inscribe his or her first initial, last name, and address on any fish wheel, keg, buoy, stakes attached to gill nets, and on any other unattended fishing gear which the person has employed to take fish for subsistence uses.

(5) All pots used to take fish must contain an opening on the webbing of a sidewall of the pot which has been laced, sewn, or secured together by untreated cotton twine or other natural fiber no larger than 120 thread which upon deterioration or parting of the twine produces an opening in the web with a perimeter equal to or exceeding one-half of the tunnel eye opening perimeter.

(6) Persons licensed by the State of Alaska to engage in a fisheries business may not receive for commercial purposes or barter or solicit to barter for subsistence taken salmon or their parts.

(7) Except as provided elsewhere in this subpart, the taking of rainbow trout and steelhead trout is prohibited.

(8) Fish taken for subsistence use or under subsistence regulations may not be subsequently used as bait for commercial or sport fishing purposes.

(9) The use of live non-indigenous fish as bait is prohibited.

(10) Any fishing gear used to take fish for subsistence uses may not obstruct more than one-half the width of any stream. A stationary fishing device may obstruct not more than one-half the width of any stream.

(11) Kegs or buoys attached to any permitted gear may be any color but red.

(12) Harvest limits authorized in this section or §100.27 may not be accumulated with bag limits authorized in State seasons.

(13) Unless specified otherwise in this section, use of a rod and reel to take fish is permitted without a subsistence fishing permit. Harvest limits applicable to the use of a rod and reel to take fish for subsistence uses shall be as follows:

(i) Where a subsistence fishing permit issued by the ADF&G is required by this section, that permit is not required to take fish for subsistence uses with rod and reel. The harvest and possession limits for taking fish for subsistence uses with a rod and reel in those areas are the same as indicated on the ADF&G permit issued for subsistence fishing with other gear types;

(ii) Where a subsistence fishing permit is not required by this section, the harvest and possession limits for taking fish for subsistence uses with a rod and reel is the same as for taking fish under State of Alaska sport fishing regulations in those same areas.

(14) Unless restricted in this section, or unless restricted under the terms of a required subsistence fishing permit, gear specified in definitions in paragraph (b) of this section are legal types of gear for subsistence fishing.

(15) Unless restricted in this section, or unless restricted under the terms of a subsistence fishing permit, fish may be taken at any time.
(16) Gill nets used for subsistence fishing for salmon may not exceed 50 fathoms in length, unless otherwise specified by regulations for particular areas set forth in this section.

(17) Each fishwheel must have the first initial, last name, and address of the operator plainly and legibly inscribed on the side of the fishwheel facing midstream of the river.

(18) Unlawful possession of subsistence finfish. Fish or their parts taken in violation of Federal or State regulations may not be possessed, transported, given, received or bartered.

(d) Fishery management area restrictions. For detailed descriptions of Fishery Management Areas, see State of Alaska Fishing Regulations.

(1) Kotzebue-Northern Area. (i) Salmon may be taken only by gill nets, beach seines, or a rod and reel.

(ii) Fish may be taken for subsistence purposes without a subsistence fishing permit.

(2) Norton Sound-Port Clarence Area. (i) Salmon may be taken only by gill nets, beach seines, or a rod and reel.

(ii) Fish may be taken for subsistence purposes without a subsistence fishing permit.

(3) Yukon Area. (i) Salmon may be taken only by gill nets, beach seines, fishwheels, or a rod and reel.

(ii) Except as provided in this paragraph (d)(3), fish may be taken for subsistence purposes without a subsistence fishing permit issued by ADF&G is required, except for use of rod and reel, as follows:

(A) Pilgrim River drainage including Salmon Lake;
(B) For net fishing in all waters from Cape Douglas to Rocky Point.

(iii) Only one subsistence fishing permit will be issued to each household per year.

(4) For the Yukon River drainage from the mouth of Hess Creek to the mouth of the Dall River;

(b) For the Yukon River drainage from the ADF&G regulatory markers placed near the upstream mouth of 22 Mile Slough upstream to the United States—Canada border;

(C) For the Tanana River drainage above the mouth of the Wood River;

(D) For whitefish and suckers in the waters listed;

(E) For the taking of pike in waters of the Tolovana River drainage upstream of its confluence with the Tanana River;

(F) For the taking of salmon in Subdistricts 6-A and 6-B.

(iv) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon.

(v) Only one subsistence fishing permit will be issued to each household per year.

(vi) Birch Creek of the upper Yukon drainage, and waters within 500 feet of its mouth, is closed to subsistence fishing June 10 through September 10, except that whitefish and suckers may be taken by rod and reel and under the authority of a subsistence fishing permit issued by the ADF&G.

(vii) The following drainages located north of the main Yukon River are closed to subsistence fishing:

(A) Kanuti River, upstream from a point five miles downstream of the State highway crossing;
(B) Fish Creek, upstream from the mouth of Bonanza Creek;
(C) Bonanza Creek;
(D) Jim River, including Prospect Creek and Douglas Creek;

(E) South Fork of the Koyukuk River system upstream from the mouth of Jim River;

(F) Middle Fork of the Koyukuk River system upstream from the mouth of the North Fork;

(G) North Fork of the Chandalar River system upstream from the mouth of Quartz Creek.

(viii) The main Tanana River and its adjoining sloughs are closed to subsistence fishing between the mouth of the Salcha River and the mouth of the Gerstle River, except that salmon may be taken in the area upstream of the Richardson Highway bridge to the mouth of Clearwater Creek after November 20.
§ 100.26

(ix) Waters of the Tanana River drainage are closed to the subsistence taking of pike between the mouth of the Kantishna River and Delta River at Black Rapids on the Richardson Highway and Cathedral Rapids on the Alaska Highway, except that pike may be taken for subsistence purposes in the Tolovana River drainage upstream from its confluence with the Tanana River.

(x) The Delta River is closed to subsistence fishing, except that salmon may be taken after November 20.

(xi) The following locations are closed to subsistence fishing:

(A) The following rivers and creeks and within 500 feet of their mouths: Delta Clearwater River (Clearwater Creek at 64°06' N. lat., 145°34' W. long), Richardson Clearwater Creek (Clear Creek at 64°14' N. lat., 146°16' W. long), Goodpaster River, Chena River, Little Chena River, Little Salcha River, Blue Creek, Big Salt River, Shaw Creek, Bear Creek, McDonald Creek, Moose Creek, Hess Creek, and Beaver Creek;

(B) Ray River and Salcha River upstream of a line between the ADF&G regulatory markers located at the mouth of the rivers;

(C) Deadman, Jan, Boleo, Birch, Lost, Harding, Craig, Fielding, Two-Mile, Quartz, and Little Harding lakes;

(D) Piledriver and Badger (Chena) sloughs.

(xii) The following waters are closed to the taking of chum salmon from August 15-December 31:

(A) Toklat River;

(B) Kantishna River from the mouth of the Toklat River to its confluence with the Tanana River.

(xiii) Salmon may be taken only by set gill nets in those locations described in below after July 19:

(A) Waters of the Black River including waters within one nautical mile of its terminus;

(B) Waters of Kwikiluak Pass downstream from Agmulegut and the waters of Kweneluk Pass;

(C) Waters of Alakanuk Pass downstream from the mouth of Kuiukpak Slough;

(D) Waters of Kwiguk Pass downstream to the mouth of Kawokhawik Slough;

(E) Waters of Kawanak Pass downstream from Sea Gull Point;

(F) Waters of Apoon Pass downstream from the mouth of the Kotlik River and waters of Okwega Pass downstream from its confluence with Apoon Pass;

(G) Waters within one nautical mile seaward from any grassland bank in District 1.

(xiv) Pike may not be taken with gill nets in the waters of the Tolovana River drainage from October 15-April 14.

(xv) A commercial salmon fisherman who is registered for Districts 1, 2, or 3 may not take salmon for subsistence purposes in any other district located downstream from Old Paradise Village.

(xvi) In District 4, commercial fishermen may not take salmon for subsistence purposes during the commercial salmon fishing season by gill nets larger than 6-inch mesh after a date specified by emergency order issued between July 10-July 31.

(xvii) In Subdistricts 5-A, 5-B, 5-C, and that portion of Subdistrict 5-D downstream from Long Point, no person may possess salmon taken for subsistence purposes during a commercial fishing period, unless the dorsal fin has been immediately removed from the salmon; a person may not sell or purchase salmon from which the dorsal fin has been removed.

(xviii) Subsistence fishermen taking salmon in Subdistrict 6-C shall report their salmon catches at designated ADF&G check stations by the end of each weekly fishing period; immediately after salmon have been taken, catches must be recorded on a harvest form provided by the ADF&G.

(xix) The annual possession limit for the holder of a Subdistrict 6-C subsistence salmon fishing permit is 10 king salmon and 75 chum salmon for periods through August 15, and 75 chum and coho salmon for periods after August 15.

(xx) Subsistence salmon harvest limits in Subdistrict 6-C are 750 king salmon and 5,000 chum salmon taken through August 15, and 5,200 chum and coho salmon combined taken after August 15; when either the king or chum salmon harvest limit for periods before
August 16 has been taken, the subsistence salmon fishing season in Subdistrict 6-C will close; a later season will open after August 15 to allow the taking of the harvest limit for periods after August 15; if the chum salmon harvest limit has not been obtained through August 15, the remaining harvest will not be added to the chum salmon harvest level for periods after August 15.

(xxii) The annual harvest limit for the holder of a Subdistrict 6-A or 6-B subsistence salmon fishing permit is 60 chinook salmon and 500 chum salmon for the period through August 15 of a year, and 2,000 chum and coho salmon combined for the period after August 15; upon request, permits for additional salmon may be issued by the ADF&G.

(xxii) In the Kantishna River drainage, the open subsistence salmon fishing periods are seven days per week.

(4) Kuskokwim Area. (i) Salmon may only be taken by gill net, beach seine, fishwheel, or by a rod and reel, subject to the restrictions set forth in this paragraph (d)(4), except that salmon may also be taken by spear in the Holitna River drainage.

(ii) Fish may be taken for subsistence purposes without a subsistence fishing permit.

(iii) Each subsistence gill net operated in tributaries of the Kuskokwim River must be attached to the bank, fished substantially perpendicular to the bank and in a substantially straight line.

(iv) The aggregate length of set gill nets or drift gill nets in use by any individual for taking salmon may not exceed 50 fathoms.

(v) Rainbow trout may be taken by residents of Goodnews Bay, Platinum, Quinhagak, Eek, Kwethluk, Akiachak, and Akiak from those non-navigable drainages tributary to the Kuskokwim River downstream from the confluence of the Kuskokwim and Holitna Rivers and from those non-navigable drainages to Kuskokwim Bay north of the community of Platinum, subject to the following restrictions:

(A) Rainbow trout may be taken only by the use of gill nets, rod and reel, or jigging through the ice;

(B) The use of gill nets for taking rainbow trout is prohibited from March 15-June 15.

(5) Bristol Bay Area. (i) Salmon and char may only be taken by rod and reel or under authority of a subsistence fishing permit issued by the ADF&G.

(ii) Only one subsistence fishing permit may be issued to each household per year.

(iii) Each gill net must be staked and buoyed.

(iv) No person may operate or assist in operating subsistence salmon net gear while simultaneously operating or assisting in operating commercial salmon net gear.

(v) Salmon, herring, and capelin may only be taken by set gill nets and by a rod and reel, except that salmon may also be taken by spear in the Togiak River including its tributaries.

(vi) Subsistence fishing is not permitted within the boundaries of Katmai National Park.

(vii) Except for the western shore of the Newhalen River, waters used by salmon are closed to the subsistence taking of fish within 300 feet of a stream mouth.

(viii) Subsistence salmon fishing permits for the Naknek River drainage will be issued only through the ADF&G King Salmon office.

(ix) Subsistence fishing with nets is prohibited in the following waters and within one-fourth mile of the terminus of those waters during the period from September 1 through June 14: Lower Talarik Creek, Roadhouse Creek, Nick G. Creek, Middle Talarik Creek, Alexi Creek, Copper River, Upper Talarik Creek, Tazimina River, Kakhonak River, Pete Andrew Creek, Young's Creek, Gibraltar River, Zacker Creek, Chekok Creek, Dennis Creek, Newhalen River, Tomokok Creek, Belinda Creek.

(x) Gill nets are prohibited in that portion of the Naknek River upstream from Sovonaski.

(xi) After August 20, no person may possess coho salmon for subsistence purposes in the Togiak River Section and the Togiak River drainage unless the head has been immediately removed from the salmon. It is unlawful to purchase or sell coho salmon from which the head has been removed.
(6) Aleutian Islands Area. (i) Salmon may be taken by seine and gill net, with gear specified on a subsistence fishing permit issued by the ADF&G, or by a rod and reel.

(ii) The Adak District is closed to the taking of salmon.

(iii) Salmon and char may be taken only by rod and reel or under the terms of a subsistence fishing permit issued by the ADF&G, except that a permit is not required in the Akutan, Umnak and Adak Districts; not more than 250 salmon may be taken for subsistence purposes unless otherwise specified on the subsistence fishing permit; a record of subsistence-caught fish must be kept on the reverse side of the permit; the record must be completed immediately upon taking subsistence-caught fish and must be returned to the local representative of the ADF&G no later than October 31.

(7) Alaska Peninsula Area. (i) Salmon may be taken by seine, gill net, gear specified on a permit issued by the ADF&G, or rod and reel.

(ii) The following waters are closed to subsistence fishing for salmon:

(A) Russell Creek and Nurse Lagoon;
(B) Trout Creek;
(C) Humbolt Creek.

(iii) Salmon and char may only be taken by rod and reel or under the authority of a subsistence fishing permit issued by the ADF&G. A record of subsistence-caught fish must be kept on the reverse side of the permit. The record must be completed immediately upon taking subsistence-caught fish and must be returned to the local representative of the ADF&G no later than October 31.

(iv) From June 10-September 30, commercial fishing license holders may not subsistence fish for salmon.

(8) Chignik Area. (i) Salmon may be taken by seines and gill nets, or with gear specified on a subsistence fishing permit issued by the ADF&G, or by a rod and reel, except that in Chignik Lake, salmon may not be taken with purse seines.

(ii) Salmon may not be taken in the Chignik River, upstream from the ADF&G weir site or counting tower, in Black Lake, or any tributary to Black and Chignik Lakes.

(iii) Salmon and char may only be taken by rod and reel or under the authority of a subsistence fishing permit issued by the ADF&G. A record of subsistence-caught fish must be kept on the reverse side of the permit. The record must be completed immediately upon taking subsistence-caught fish and must be returned to the local representative of the ADF&G no later than October 31.

(iv) From June 1-September 15, salmon seine vessels may not be used to take subsistence salmon for 24 hours before, during, and for 24 hours after any open commercial salmon fishing period;

(B) From June 1-September 15, purse seine vessels may be used to take salmon only with gill nets and no other type of salmon gear may be on board the vessel;

(C) Salmon may be taken only by gill net, seine, or by a rod and reel;

(D) Subsistence fishermen must be physically present at the net at all times the net is being fished.

(E) From August 15 through September 30, all waters 500 yards seaward of the terminus of Little Kitik Creek;
(F) All freshwater systems of Afognak Island;
(G) All waters of Ouzinkie Harbor north of a line from 57°55'10" N. lat., 152°36' W. long. to 57°55'03" N. lat., 152°29'20" W. long.
(iii) A subsistence fishing permit issued by the ADF&G is required for taking salmon, trout and char for subsistence purposes (hourly restrictions and rod/reel restrictions identified in this permit do not apply on waters under Federal jurisdiction in the Kodiak Area); a subsistence fishing permit issued by the ADF&G is required for taking herring and bottomfish for subsistence purposes during the commercial herring sac roe season from May 1–June 30; all subsistence fishermen shall keep a record of the number of subsistence fish taken each year; the number of subsistence fish shall be recorded on the reverse side of the permit. The record must be completed immediately upon landing subsistence caught fish and must be returned to the local representative of the ADF&G by February 1 of the year following the year the permit was issued.

(10) Cook Inlet Area. (i) Salmon may be taken only by rod and reel, or under the authority of a subsistence fishing permit issued by the ADF&G; only one permit may be issued to a household each year; a subsistence fishing permit holder shall record daily salmon catches on forms provided by the ADF&G.
(ii) Trout, grayling, char, and burbot may not be taken in fresh water.
(iii) All public waters on the Kenai Peninsula are closed to subsistence fishing.
(iv) Smelt may be taken only with gill nets and dip nets. Gill nets used to take smelt may not exceed 50 feet in length and two inches in mesh size.
(v) Gill nets may not be used.

(11) Prince William Sound Area. (i) Salmon and freshwater fish species may be taken only by rod and reel or under the authority of a subsistence fishing permit issued by the ADF&G.
(ii) Only one subsistence fishing permit will be issued to each household per year.
(iii) Use of fishwheels:
(A) Fishwheels used for subsistence fishing may not be rented, leased, or otherwise used for personal gain;
(B) Subsistence fishwheels must be removed from the water at the end of the permit period;
(C) Each permittee may operate only one fishwheel at any one time;
(D) No person may set or operate a fishwheel within 75 feet of another fishwheel;
(E) No fishwheel may have more than two baskets;
(F) The permit holder must personally operate the fishwheel or dip net. A subsistence fishwheel or dip net permit may not be loaned or transferred except as permitted by this Part;
(G) A wood or metal plate at least 12 inches high by 12 inches wide, bearing the permit holder's name and address in letters and numerals at least one inch high, must be attached to each fishwheel so that the name and address are plainly visible.
(iv) Salmon may not be taken in any area closed to commercial salmon fishing unless otherwise permitted.
(v) In locations open to commercial salmon fishing and in conformance with commercial salmon fishing regulations, the annual subsistence salmon limit is as follows:
(A) 15 salmon for a household of one person;
(B) 30 salmon for a household of two persons;
(C) 10 salmon for each additional person in a household over two;
(D) No more than five king salmon may be taken per permit.
(vi) All tributaries of the Copper River and waters of the Copper River are closed to the taking of salmon.
(vii) Crosswind Lake is closed to all subsistence fishing.
(viii) Salmon may be taken for subsistence purposes in the waters of the Southwestern District only as follows:
(A) Only pink salmon may be taken;
(B) Pink salmon may be taken by dipnets or by a rod and reel;
(C) Pink salmon may be taken only from May 15–September 30;
(D) Fishing periods are from May 15 until two days before the commercial opening of the Southwestern District, seven days per week; during the commercial salmon fishing season, only
§ 100.26  Subsistence taking of fish.

(a) Applicability. (1) Regulations in this section apply to the taking of finfish, excluding halibut, or their parts for subsistence uses.

(2) Finfish, excluding halibut, may be taken for subsistence uses at any time by any method unless restricted by the subsistence fishing regulations found in this section.

(b) Definitions. The following definitions shall apply to all regulations contained in this section and §100.27:

(1) Regulations in this section apply to the taking of finfish, excluding halibut, or their parts for subsistence uses.

(ii) Salmon, trout, or char taken incidentally by gear operated under the terms of an ADF &G subsistence permit for salmon are legally taken and possessed for subsistence purposes; the holder of a subsistence salmon permit must report any salmon, trout, or char taken in this manner on his or her permit calendar.

(iv) Subsistence fishermen shall immediately remove the dorsal fin of all salmon when taken.

(E) There are no harvest and possession limits for this fishery.

(F) ADF&G permits may be issued only at Chenega Bay village.

(iii) Subsistence fishermen shall immediately remove the dorsal fin of all salmon when taken.

(E) There are no harvest and possession limits for this fishery.

(F) ADF&G permits may be issued only at Chenega Bay village.

(iii) Salmon, trout, or char taken incidentally by gear operated under the terms of a subsistence permit for salmon are legally taken and possessed for subsistence purposes; the holder of a subsistence salmon permit must report any salmon, trout, or char taken in this manner on his or her permit calendar.

(iv) Subsistence fishermen shall immediately remove the dorsal fin of all salmon when taken.

(E) There are no harvest and possession limits for this fishery.

(F) ADF&G permits may be issued only at Chenega Bay village.

(iii) Salmon, trout, or char taken incidentally by gear operated under the terms of a subsistence permit for salmon are legally taken and possessed for subsistence purposes; the holder of a subsistence salmon permit must report any salmon, trout, or char taken in this manner on his or her permit calendar.

(iv) Subsistence fishermen shall immediately remove the dorsal fin of all salmon when taken.
feet; the depth of the bag must be at least one-half of the greatest straight-line distance, as measured through the net opening; no portion of the bag may be constructed of webbing that exceeds a stretched measurement of 4.5 inches; the frame must be attached to a single rigid handle and be operated by hand.

Diving Gear means any type of hard hat or skin diving equipment, including SCUBA equipment.

Drainage means all of the waters comprising a watershed including tributary rivers, streams, sloughs, ponds and lakes which contribute to the supply of the watershed.

Drift gill net means a drifting gill net that has not been intentionally staked, anchored or otherwise fixed.

Federal lands means lands and waters and interests therein to which is in the United States.

Fishwheel means a fixed, rotating device for catching fish which is driven by river current or other means of power.

Freshwater of streams and rivers means the line at which freshwater is separated from saltwater at the mouth of streams and rivers by a line drawn between the seaward extremities of the exposed tideland banks at the present stage of the tide.

Fyke net means a fixed, funneling (fyke) device used to entrap fish.

Gear means any type of fishing apparatus.

Gill net means a net primarily designed to catch fish by entanglement in a mesh that consists of a single sheet of webbing which hangs between cork line and lead line, and which is fished from the surface of the water.

Grappling hook means a hooked device with flukes or claws, which is attached to a line and operated by hand.

Groundfish—bottomfish means any marine finfish except halibut, osmerids, herring and salmonids.

Hand purse seine means a floating net which is designed to surround fish and which can be closed at the bottom by means of a free-running line through one or more rings attached to the lead line.

Hung measure means the maximum length of the cork line when measured wet or dry with traction applied at one end only.

Jigging gear means a line or lines with lures or baited hooks, drawn through the water by hand, and which are operated during periods of ice cover from holes cut in the ice.

Lead means either a length of net employed for guiding fish into a seine, set gill net, or other length of net, or a length of fencing employed for guiding fish into a fishwheel, fyke net or dip net.

Long line means either a stationary, buoyed, or anchored line, or a floating, free-drifting line with lures or baited hooks attached.

Possession limit means the maximum number of fish a person or designated group may have in possession if the fish have not been canned, salted, frozen, smoked, dried, or otherwise preserved so as to be fit for human consumption after a 15 day period.

Pot means a portable structure designed and constructed to capture and retain live fish and shellfish in the water.

Public lands or public land means lands situated in the State of Alaska which are Federal lands, except—

(1) Land selections of the State of Alaska which have been tentatively approved or validly selected under the Alaska Statehood Act and lands which have been confirmed to, validly selected by, or granted to the Territory of Alaska or the State under any other provision of Federal law;

(2) Land selections of a Native Corporation made under the Alaska Native Claims Settlement Act which have not been conveyed to a Native Corporation, unless any such selection is determined to be invalid or is relinquished; and

(3) Lands referred to in Section 19(b) of the Alaska Native Claims Settlement Act.

Purse seine means a floating net which is designed to surround fish and which can be closed at the bottom by means of a free-running line through one or more rings attached to the lead line.

Ring net means a bag-shaped net suspended between no more than two frames; the bottom frame may not be larger in perimeter than the top frame; the gear must be nonrigid and collapsible so that free movement of fish or shellfish across the top of the net is not prohibited when the net is employed.

Rockfish means all species of the genus Sebastes.

Rod and reel means either a device upon which a line is stored on a fixed or revolving spool and is deployed through guides mounted on a flexible pole, or a line that is attached to a pole.

Salmon means the following species: pink salmon (Oncorhynchus gorbuscha); sockeye salmon (Oncorhynchus nerka); chinook salmon (Oncorhynchus tshawytscha); coho salmon (Oncorhynchus kisutch); and chum salmon (Oncorhynchus keta).

Salmon stream means any stream used by salmon for spawning or for travelling to a spawning area.

Salmon stream terminus means a line drawn between the seaward extremities of the exposed tideland banks of any salmon stream at mean lower low water.

Set gill net means a gill net that has been intentionally set, staked, anchored, or otherwise fixed.
§ 100.26

Shovel means a hand-operated implement for digging clams or cockles.

Spear means a shaft with a sharp point or fork-like implement attached to one end which is used to thrust through the water to impale or retrieve fish and which is operated by hand.

Take or Taking means to pursue, hunt, shoot, trap, net capture, collect, kill, harm, or attempt to engage in any such conduct.

To operate fishing gear means any of the following: the deployment of gear in the waters of Alaska; the removal of gear from the waters of Alaska; the removal of fish or shellfish from the gear during an open season or period; or the possession of a gill net containing fish during an open fishing period, except that a gill net which is completely clear of the water is not considered to be operating for the purposes of minimum distance requirement.

Trawl means a bag-shaped net towed through the water to capture fish or shellfish.

Trout means the following species: cutthroat trout (Oncorhynchus clarki) and rainbow trout or steelhead trout (Oncorhynchus mykiss).

Methods, means, and general restrictions.

(1) No person may buy or sell fish, their parts, or their eggs which have been taken for subsistence uses, unless, prior to the sale, the prospective buyer or seller obtains a determination from the Federal Subsistence Board that the sale constitutes customary trade.

(2) No person may take fish for subsistence uses within 300 feet of any dam, fish ladder, weir, culvert or other artificial obstruction.

(3) No person may use explosives or chemicals to take fish for subsistence uses.

(4) Each person shall plainly and legibly inscribe his or her first initial, last name, and address on any fish wheel, keg, buoy, stakes attached to gill nets, and on any other unattended fishing gear which the person has employed to take fish for subsistence uses.

(5) All pots used to take fish must contain an opening on the webbing of a sidewall of the pot which has been laced, sewn, or secured together by untreated cotton twine or other natural fiber no larger than 120 thread which upon deterioration or parting of the twine produces an opening in the web with a perimeter equal to or exceeding one-half of the tunnel eye opening perimeter.

(6) Persons licensed by the State of Alaska to engage in a fisheries business may not receive for commercial purposes or barter or solicit to barter for subsistence taken salmon or their parts.

(7) Except as provided elsewhere in this subpart, the taking of rainbow trout and steelhead trout is prohibited.

(8) Fish taken for subsistence use or under subsistence regulations may not be subsequently used as bait for commercial or sport fishing purposes.

(9) The use of live non-indigenous fish as bait is prohibited.

(10) Any fishing gear used to take fish for subsistence uses may not obstruct more than one-half the width of any stream. A stationary fishing device may obstruct not more than one-half the width of any stream.

(11) Kegs or buoys attached to any permitted gear may be any color but red.

(12) Harvest limits authorized in this section or §100.27 may not be accumulated with bag limits authorized in State seasons.

(13) Unless specified otherwise in this section, use of a rod and reel to take fish is permitted without a subsistence fishing permit. Harvest limits applicable to the use of a rod and reel to take fish for subsistence uses shall be as follows:

(i) Where a subsistence fishing permit issued by the ADF&G is required by this section, that permit is not required to take fish for subsistence uses with rod and reel. The harvest and possession limits for taking fish for subsistence uses with a rod and reel in those areas are the same as indicated on the ADF&G permit issued for subsistence fishing with other gear types;

(ii) Where a subsistence fishing permit is not required by this section, the harvest and possession limits for taking fish for subsistence uses with a rod and reel in those areas are the same as indicated on the ADF&G permit issued for subsistence fishing with other gear types.

(14) Unless restricted in this section, or unless restricted under the terms of a required subsistence fishing permit, gear specified in definitions in paragraph (b) of this section are legal types of gear for subsistence fishing in those same areas.

(15) Unless restricted in this section, or unless restricted under the terms of a subsistence fishing permit, fish may be taken at any time.

(16) Gill nets used for subsistence fishing for salmon may not exceed 50 fathoms in length, unless otherwise specified by regulations for particular areas set forth in this section.

(17) Each fishwheel must have the first initial, last name, and address of the operator plainly and legibly inscribed on the side of the fishwheel facing midstream of the river.

(18) Unlawful possession of subsistence finfish. Fish or their parts taken in violation of Federal or State regulations may not be possessed, transported, given, received or bartered.

(d) Fishery management area restrictions. For detailed descriptions of Fishery Management Areas, see State of Alaska Fishing Regulations.

(1) Kotzebue-Northern Area. (i) Salmon may be taken only by gill nets, beach seines, or a rod and reel.
§ 100.26  

(ii) Fish may be taken for subsistence purposes without a subsistence fishing permit.

(2) Norton Sound-Port Clarence Area. (i) Salmon may be taken only by gill nets, beach seines, fishwheel, or a rod and reel; (ii) Except as provided in this paragraph (d)(2), fish may be taken for subsistence purposes without a subsistence fishing permit. A subsistence fishing permit issued by ADF&G is required, except for use of rod and reel, as follows:

(A) Pilgrim River drainage including Salmon Lake;

(B) For net fishing in all waters from Cape Douglas to Rocky Point;

(C) For the Tanana River drainage above the mouth of the Wood River;

(D) For the Yukon River drainage from the mouth of the Dall River;

(E) For the Yukon River drainage from the ADF&G regulatory markers placed near the upstream mouth of 22 Mile Slough upstream to the United States—Canada border;

(F) For net fishing in all waters from Cape Douglas to Rocky Point;

(G) For the Tanana River drainage above the mouth of the Wood River;

(H) For whitefish and suckers in the waters listed;

(I) For the taking of pike in waters of the Tolovana River drainage upstream of its confluence with the Tanana River;

(J) For whitefish and suckers in the waters listed;

(K) For the taking of salmon in Subdistricts 6-A and 6-B;

(L) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon;

(M) Only one subsistence fishing permit will be issued to each household per year;

(N) Only one subsistence fishing permit will be issued to each household per year;

(O) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon;

(P) For the taking of salmon in Subdistricts 6-A and 6-B;

(Q) For whitefish and suckers in the waters listed;

(R) For the taking of pike in waters of the Tolovana River drainage upstream of its confluence with the Tanana River;

(S) For whitefish and suckers in the waters listed;

(T) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon;

(U) Only one subsistence fishing permit will be issued to each household per year;

(V) Only one subsistence fishing permit will be issued to each household per year;

(W) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon;

(X) Only one subsistence fishing permit will be issued to each household per year;

(Y) Except as otherwise provided, and except as may be provided by the terms of a subsistence fishing permit issued by the ADF&G, there is no closed season on fish other than salmon;

(Z) Only one subsistence fishing permit will be issued to each household per year.

(x) The following locations are closed to subsistence fishing:

(A) Waters of the Black River including waters within 500 feet of its mouth; Delta Clearwater River (Clearwater Creek at 64°06' N. lat., 145°34' W. long), Richardson Clearwater River (Clear Creek at 64°14' N. lat., 146°16' W. long), Goodpaster River, Chena River, Little Chena River, Little Salcha River, Blue Creek, Big Salt River, Shaw Creek, Bear Creek, McDonald Creek, Moose Creek, Hess Creek, and Beaver Creek;

(B) Ray River and Salcha River upstream of a line between the ADF&G regulatory markers located at the mouth of the rivers;

(C) Deadman, Jan, Boleo, Birch, Lost, Harding, Craig, Fielding, Two-Mile, Quartz, and Little Harding lakes;

(D) Piledriver and Badger (Chena) sloughs;

(xi) The following locations are closed to subsistence fishing:

(A) The following rivers and creeks and within 500 feet of their mouths: Delta Clearwater River (Clearwater Creek at 64°06' N. lat., 145°34' W. long), Richardson Clearwater River (Clear Creek at 64°14' N. lat., 146°16' W. long), Goodpaster River, Chena River, Little Chena River, Little Salcha River, Blue Creek, Big Salt River, Shaw Creek, Bear Creek, McDonald Creek, Moose Creek, Hess Creek, and Beaver Creek;

(B) Ray River and Salcha River upstream of a line between the ADF&G regulatory markers located at the mouth of the rivers;

(C) Deadman, Jan, Boleo, Birch, Lost, Harding, Craig, Fielding, Two-Mile, Quartz, and Little Harding lakes;

(D) Piledriver and Badger (Chena) sloughs;

(xii) The following locations are closed to subsistence fishing:

(A) Waters of the Black River including waters within one nautical mile of its terminus;

(B) Waters of the Wilson River and the waters of the North Fork of the Chena River;

(C) Waters of the North Fork of the Chena River;

(D) Waters of the North Fork of the Chena River;

(E) Waters of the North Fork of the Chena River;

(F) Waters of the North Fork of the Chena River;

(G) Waters of the North Fork of the Chena River;

(H) Waters of the North Fork of the Chena River;

(I) Waters of the North Fork of the Chena River;

(J) Waters of the North Fork of the Chena River;

(K) Waters of the North Fork of the Chena River;

(L) Waters of the North Fork of the Chena River;

(M) Waters of the North Fork of the Chena River;

(N) Waters of the North Fork of the Chena River;

(O) Waters of the North Fork of the Chena River;

(P) Waters of the North Fork of the Chena River;

(Q) Waters of the North Fork of the Chena River;

(R) Waters of the North Fork of the Chena River;

(S) Waters of the North Fork of the Chena River;

(T) Waters of the North Fork of the Chena River;

(U) Waters of the North Fork of the Chena River;

(V) Waters of the North Fork of the Chena River;

(W) Waters of the North Fork of the Chena River;

(X) Waters of the North Fork of the Chena River;

(Y) Waters of the North Fork of the Chena River;

(Z) Waters of the North Fork of the Chena River.
(E) Waters of Kawanak Pass downstream from Sea Gull Point;
(F) Waters of Apoon Pass downstream from the mouth of the Kotlik River and waters of Okwega Pass downstream from its confluence with Apoon Pass;
(G) Waters within one nautical mile seaward from any grassland bank in District 1;
(xiv) A commercial salmon fisherman who is registered for Districts 1, 2, or 3 may not take salmon for subsistence purposes in any other district located downstream from Old Paradise Village;
(xvi) In District 4, commercial fishermen may not take salmon for subsistence purposes during the commercial salmon fishing season by gill nets larger than 6-inch mesh after a date specified by emergency order issued between July 10-July 31;
(xvii) In Subdistricts 5-A, 5-B, 5-C, and that portion of Subdistrict 5-D downstream from Long Point, no person may possess salmon taken for subsistence purposes during a commercial fishing period, unless the dorsal fin has been immediately removed from the salmon; a person may not sell or purchase salmon from which the dorsal fin has been removed;
(xviii) Subsistence fishermen taking salmon in Subdistrict 6-C shall report their salmon catches at the designated ADF&G check stations by the end of each weekly fishing period; immediately after salmon have been taken, catches must be recorded on a harvest form provided by the ADF&G;
(xix) The annual possession limit for the holder of a Subdistrict 6-C subsistence salmon fishing permit is 10 king salmon and 75 chum salmon for periods through August 15, and 75 chum and coho salmon for periods after August 15;
(xx) Subsistence salmon harvest limits in Subdistrict 6-C are 750 king salmon and 5,000 chum salmon taken through August 15 and 5,200 chum and coho salmon combined taken after August 15; when either the king or chum salmon harvest limit for periods before August 16 has been taken, the subsistence salmon fishing season in Subdistrict 6-C will close; a later season will open after August 15 to allow the taking of the harvest limit for periods after August 15; if the chum salmon harvest limit has not been obtained through August 15, the remaining harvest will not be added to the chum salmon harvest level for periods after August 15;
(xxii) In the Kantishna River drainage, the open subsistence salmon fishing periods are seven days per week.
(4) Kuskokwim Area. (i) Salmon may only be taken by gill net, beach seine, fishwheel, or by a rod and reel, subject to the restrictions set forth in this paragraph (d)(4), except that salmon may also be taken by spear in the Holitna River drainage;
(ii) Fish may be taken for subsistence purposes without a subsistence fishing permit;
(iii) Each subsistence gill net operated in tributaries of the Kuskokwim River must be attached to the bank, fished substantially perpendicular to the bank and in a substantially straight line;
(iv) The aggregate length of set gill nets or drift gill nets in use by any individual for taking salmon may not exceed 50 fathoms;
(v) Rainbow trout may be taken by residents of Goodnews Bay, Platinum, Quinhagak, Eek, Kwethluk, Akiachak, and Akiak from those non-navigable drainages tributary to the Kuskokwim River downstream from the confluence of the Kuskokwim and Holitna Rivers and from those non-navigable drainages to Kuskokwim Bay north of the community of Platinum, subject to the following restrictions:
(A) Rainbow trout may be taken only by the use of gill nets, rod and reel, or jigging through the ice;
(B) The use of gill nets for taking rainbow trout is prohibited from March 15-June 15;
(C) Bristol Bay Area. (i) Salmon and char may only be taken by rod and reel or under authority of a subsistence fishing permit issued by the ADF&G;
(ii) Only one subsistence fishing permit may be issued to each household per year;
(iii) Each gill net must be staked and buoyed;
(iv) No person may operate or assist in operating subsistence salmon net gear while simultaneously operating or assisting in operating commercial salmon net gear;
(v) Salmon, herring, and capelin may only be taken by set gill nets and by a rod and reel, except that salmon may also be taken by spear in the Togiak River including its tributaries;
(vi) Subsistence fishing is not permitted within the boundaries of Katmai National Park;
(vii) Except for the western shore of the Newhalen River, waters used by salmon are closed to the subsistence taking of fish within 300 feet of a stream mouth;
(viii) Subsistence salmon fishing permits for the Naknek River drainage will be issued only through the ADF&G King Salmon office;
(ix) Subsistence fishing with nets is prohibited in the following waters and within one-fourth mile of the terminus of those waters during the period from September 1 through...
June 14: Lower Talarik Creek, Roadhouse Creek, Nick G. Creek, Middle Talarik Creek, Alexi Creek, Copper River, Upper Talarik Creek, Tazimina River, Kakhonak River, Peter Humpolt Creek, Young’s Creek, Gibralter River, Zacker Creek, Chekok Creek, Dennis Creek, Newhalen River, Tomokok Creek, Belinda Creek;

(x) Gill nets may be on board the vessel minus of Monks Creek;

(x) After August 20, no person may possess coho salmon for subsistence purposes in the Togiak River Section and the Togiak River drainage unless the head has been immediately removed from the salmon. It is unlawful to purchase or sell coho salmon from which the head has been removed.

(6) Aleutian Islands Area. (i) Salmon may be taken by seine and gill net, with gear specified on a subsistence fishing permit issued by the ADF&G, or by a rod and reel;

(ii) The Adak District is closed to the taking of salmon;

(iii) Salmon and char may be taken only by rod and reel or under the terms of a subsistence fishing permit issued by the ADF&G, except that a permit is not required in the Akitan, Umnak and Adak Districts; on a subsistence fishing permit issued by the ADF&G; a record of subsistence-caught fish must be kept on the reverse side of the permit; the record must be completed immediately upon taking subsistence-caught fish and must be returned to the local representative of the ADF&G no later than October 31;

(iii) Salmon and char may only be taken by rod and reel or under the authority of a subsistence fishing permit issued by the ADF&G. A record of subsistence-caught fish must be kept on the reverse side of the permit. The record must be completed immediately upon taking subsistence-caught fish and must be returned to the local representative of the ADF&G no later than October 31;

(iv) From June 10-September 30, commercial fishing license holders may not subsistence fish for salmon.

(9) Kodiak Area. (i) Salmon may be taken 24 hours a day from June 1 through December 31 except as provided in this paragraph:

(A) From June 1-September 15, salmon seine vessels may not be used to take subsistence salmon for 24 hours before, during, and for 24 hours after any open commercial salmon fishing period;

(B) From June 1-September 15, purse seine vessels may be used to take salmon only with gill nets and no other type of salmon gear may be on board the vessel;

(C) Salmon may be taken only by gill net, seine, or by a rod and reel;

(D) Subsistence fishermen must be physically present at the net at all times the net is being fished;

(ii) The following locations are closed to the subsistence taking of salmon:

(A) All waters of Mill Bay and all those waters bounded by a line from Spruce Cape to the northernmost point of Woody Island, then to the northernmost point of Holiday Island, then to a point on Near Island opposite the Kodiak small boat harbor entrance and then to the small boat harbor entrance;

(B) All freshwater systems of Little Afognak River and Portage Creek drainage in Discoverer Bay;

(C) All water closed to commercial salmon fishing in the Barbara Cove, Chiniak Bay, Salteroy C, Pasaghshak Bay, Monashka Bay and Anton Larsen Bay, and all waters closed to commercial salmon fishing within 100 yards of the terminus of Sefiel Bay Creek;

(D) All waters 300 yards seaward of the terminus of Monks Creek;

(E) From August 15 through September 30, all waters 500 yards seaward of the terminus of Little Kitoi Creek;

(F) All freshwater systems of Afognak Island;

(G) All waters of Ouzinkie Harbor north of a line from 57°55′10″ N. lat., 152°36′ W. long. to 57°55′03″ N. lat., 152°29′20″ W. long.;

(iii) A subsistence fishing permit issued by the ADF&G is required for taking salmon, trout and char, except by rod and reel, for subsistence purposes; a subsistence fishing permit issued by the ADF&G is required for taking herring and bottomfish for subsistence purposes during the commercial herring
§ 100.26  
50 CFR Ch. I (10-1-98 Edition)

Sac roe season from May 1-June 30; all subsistence fishermen shall keep a record of the number of subsistence fish taken each year; the number of subsistence fish shall be recorded on the reverse side of the permit. The record must be completed immediately upon landing subsistence caught fish and must be returned to the local representative of the ADF&G by February 1 of the year following the year the permit was issued.

(i) Cook Inlet Area. (i) Salmon may be taken only by rod and reel, or under the authority of a subsistence fishing permit issued by the ADF&G; only one permit may be issued to a household each year; a subsistence fishing permit holder shall record daily salmon catches on forms provided by the ADF&G;

(ii) Trout, grayling, char, and burbot may not be taken in fresh water;

(iii) All public waters on the Kenai Peninsula are closed to subsistence fishing;

(iv) Smelt may be taken only with gill nets and dip nets. Gill nets used to take smelt may not exceed 50 feet in length and two inches in mesh size;

(v) Gill nets may not be used.

(ii) Prince William Sound Area. (i) Salmon and freshwater fish species may be taken only by rod and reel or under the authority of a subsistence fishing permit issued by the ADF&G;

(ii) Only one subsistence fishing permit will be issued to each household per year;

(iii) Use of fishwheels:

(A) Fishwheels used for subsistence fishing may not be rented, leased, or otherwise used for personal gain;

(B) Subsistence fishwheels must be removed from the water at the end of the permit period;

(C) Each permittee may operate only one fishwheel at any one time;

(D) No person may set or operate a fishwheel within 75 feet of another fishwheel;

(E) No fishwheel may have more than two baskets;

(F) The permit holder must personally operate the fishwheel or dip net. A subsistence fishwheel or dip net permit may not be loaned or transferred except as permitted by this Part;

(G) A wood or metal plate at least 12 inches high by 12 inches wide, bearing the permit holder's name and address in letters and numerals at least one inch high, must be attached to each fishwheel so that the name and address are plainly visible;

(iv) Salmon may not be taken in any area closed to commercial salmon fishing unless otherwise permitted;

(v) In locations open to commercial salmon fishing and in conformance with commercial salmon fishing regulations, the annual subsistence salmon limit is as follows:

(A) 15 salmon for a household of one person;

(B) 30 salmon for a household of two persons;

(C) 10 salmon for each additional person in a household over two;

(D) No more than five king salmon may be taken per permit;

(vi) All tributaries of the Copper River and waters of the Copper River are closed to the taking of salmon;

(vii) Crosswind Lake is closed to all subsistence fishing;

(viii) Salmon may be taken for subsistence purposes in the waters of the Southwestern District only as follows:

(A) Only pink salmon may be taken;

(B) Pink salmon may be taken by dipnets or by a rod and reel;

(C) Pink salmon may be taken only from May 15-September 30;

(D) Fishing periods are from May 15 until two days before the commercial opening of the Southwestern District, seven days per week; during the commercial salmon fishing season, only during open commercial salmon fishing periods, and from two days following the closure of the commercial salmon season until September 30, seven days per week;

(E) There are no harvest and possession limits for this fishery;

(F) ADF&G permits may be issued only at Chisega Bay village;

(ix) Salmon may be taken for subsistence purposes in the waters north of a line from Porcupine Point to Granite Point, and south of a line from Point Lowe to Tongue Point, only as follows:

(A) Only pink salmon may be taken;

(B) Pink salmon may be taken by dipnets or by a rod and reel;

(C) Pink salmon may be taken only from May 15-September 30;

(D) Fishing periods are from May 15 until two days before the commercial opening of the Southwestern District, seven days per week; during the commercial salmon fishing season, only during open commercial salmon fishing periods, and from two days following the closure of the commercial salmon season until September 30, seven days per week;

(E) There are no harvest and possession limits for this fishery;

(F) ADF&G permits may be issued only at Tatitlek village;

(12) Yakutat Area. (i) Salmon, trout, and char may be taken only by rod and reel or under authority of a subsistence fishing permit issued by the ADF&G;

(ii) Salmon, trout, or char taken incidentally by gear operated under the terms of a subsistence permit for salmon are legally taken and possessed for subsistence purposes; the holder of a subsistence salmon permit must report any salmon, trout, or char taken in this manner on his or her permit calendar.
Subsistence fishermen must remove the dorsal fin from subsistence-caught salmon when taken.

Southeastern Alaska Area.

(i) Salmon, trout, char and herring spawn on kelp may be taken only by rod and reel or under authority of a subsistence fishing permit issued by the ADF&G;

(ii) No person may possess subsistence-taken and sport-taken salmon on the same day;

(iii) Salmon, trout or char taken incidentally by gear operated under the terms of an ADF&G subsistence permit for salmon are legally taken and possessed for subsistence purposes; the holder of a subsistence salmon permit must report any salmon, trout, or char taken in this manner on his or her permit calendar;

(iv) Subsistence fishermen shall immediately remove the dorsal fin of all salmon when taken.

§ 100.27 Subsistence taking of shellfish.

(a) Regulations in this section apply to subsistence taking of dungeness crab, king crab, tanner crab, shrimp, clams, abalone, and other shellfish or their parts.

(b) Shellfish may be taken for subsistence uses at any time in any area of the public lands by any method unless restricted by the subsistence fishing regulations of §100.26 or this section.

(c) Methods, means, and general restrictions.

(1) The harvest limit specified herein for a subsistence season for a species and the State bag limit set for a State season for the same species are not cumulative. This means that a person or designated group who has taken the harvest limit for a particular species under a subsistence season specified herein may not after that, take any additional shellfish of that species under any other bag limit specified for a State season.

(2) Unless otherwise provided in this section, gear as specified in the definitions of §100.26 is legal for subsistence taking of shellfish.

(3) It is prohibited to buy or sell subsistence-taken shellfish, their parts, or their eggs, unless otherwise specified.

(4) The use of explosives and chemicals is prohibited, except that chemical baits or lures may be used to attract shellfish.

(5) Each subsistence fisherman shall plainly and legibly inscribe their first initial, last name and address on a keg or buoy attached to unattended subsistence fishing gear. Subsistence fishing gear may not display a permanent ADF&G vessel license number. The keg or buoy may be any color except red.

(6) A side wall of all subsistence shellfish pots must contain an opening with a perimeter equal to or exceeding one-half of the tunnel eye opening perimeter. The opening must be laced, sewn, or secured together by untreated cotton twine or other natural fiber no larger than 120 thread. Dungeness crab and shrimp pots may have the pot lid tiedown straps secured to the pot at one end by untreated cotton twine no larger than 120 thread, as a substitute for the above requirement.

(7) No person may mutilate or otherwise disfigure a crab in any manner which would prevent determination of the minimum size restrictions until the crab has been processed or prepared for consumption.

(8) In addition to the marking requirements in paragraph (c)(5) of this section, kegs or buoys attached to subsistence crab pots must also be inscribed with the name or U.S. Coast Guard number of the vessel used to operate the pots.

(9) No more than five pots per person and 10 pots per vessel may be used to take crab, except as specified in paragraph (f) of this section.

(10) In the subsistence taking of shrimp in the Glacier Bay National Preserve, no person may use more than 10 pots, and no more than 20 pots may be operated from a vessel. In the subsistence taking of shellfish other than shrimp in the Glacier Bay National Preserve, no person may operate more than five pots of any type, and no more than 10 pots of any type may be operated from a vessel.

(d) Subsistence take by commercial vessels. No fishing vessel which is commercially licensed and registered for shrimp pot, shrimp trawl, king crab, tanner crab, or dungeness crab fishing may be used for subsistence take during the period starting 14 days before an opening until 14 days after the closure of a respective open season in the
§ 100.27

area or areas for which the vessel is registered.

(e) Unlawful possession of subsistence shellfish. Shellfish or their parts taken in violation of Federal or State regulations may not be possessed, transported, given, received or bartered.

(f) Subsistence shellfish areas and pertinent restrictions—(1) Southeastern Alaska-Yakutat Area. Shellfish may be taken for subsistence purposes in the Glacier Bay National Preserve only under the authority of a subsistence shellfish fishing permit.

(2) Cook Inlet Area. All waters within the boundaries of the Kenai National Wildlife Refuge are closed to the taking of shellfish for subsistence purposes.

(3) Kodiak Area. (i) Shellfish may be taken for subsistence purposes only under the authority of a subsistence shellfish fishing permit issued by the ADF&G.

(ii) The operator of a commercially licensed and registered shrimp fishing vessel must obtain a subsistence fishing permit from the ADF&G prior to subsistence shrimp fishing during a closed commercial shrimp fishing season or within a closed commercial shrimp fishing district, section, or subsection. The permit shall specify the area and the date the vessel operator intends to fish. No more than 500 pounds (227 kg) of shrimp may be in possession aboard the vessel.

(iii) The daily harvest and possession limit is 12 male dungeness crab per person.

(iv) In the subsistence taking of king crab:

(A) The daily harvest and possession limit is six male crab per person;

(B) All crab pots used for subsistence fishing and left in saltwater unattended longer than a two-week period shall have all bait and bait containers removed and all doors secured fully open;

(C) No more than five crab pots may be used to take king crab; each pot can be no more than 75 cubic feet in capacity;

(D) King crab may be taken only from June 1-January 31, except that the subsistence taking of king crab is prohibited in waters 25 fathoms or greater in depth during the period 14 days before and 14 days after open commercial fishing seasons for red king crab, blue king crab, or tanner crab in the location;

(E) The waters of the Pacific Ocean enclosed by the boundaries of Womans Bay, Gibson Cove, and an area defined by a line ½ mile on either side of the mouth of the Karluk River, and extending seaward 3,000 feet, and all waters within 1,500 feet seaward of the shoreline of Afognak Island are closed to the harvest of king crab except by Federally-qualified subsistence users.

(v) In the subsistence taking of tanner crab:

(A) No more than five crab pots may be used to take tanner crab;

(B) From July 15-February 10, the subsistence taking of tanner crab is prohibited in waters 25 fathoms or greater in depth, unless the commercial tanner crab fishing season is open in the location;

(C) The daily harvest and possession limit is 12 male crab per person.

(4) Alaska Peninsula-Aleutian Islands Area. (i) Shellfish may be taken for subsistence purposes only under the authority of a subsistence shellfish fishing permit issued by the ADF&G.

(ii) The operator of a commercially licensed and registered shrimp fishing vessel must obtain a subsistence fishing permit from the ADF&G prior to subsistence shrimp fishing during a closed commercial shrimp fishing season or within a closed commercial shrimp fishing district, section, or subsection; the permit shall specify the area and the date the vessel operator intends to fish; no more than 500 pounds (227 kg) of shrimp may be in possession aboard the vessel.

(iii) The daily harvest and possession limit is 12 male dungeness crab per person.

(iv) In the subsistence taking of king crab:

(A) The daily harvest and possession limit is six male crab per person;

(B) All crab pots used for subsistence fishing and left in saltwater unattended longer than a two-week period shall have all bait and bait containers removed and all doors secured fully open;

(C) No more than five crab pots may be used to take king crab; each pot can be no more than 75 cubic feet in capacity;

(D) King crab may be taken only from June 1-January 31, except that the subsistence taking of king crab is prohibited in waters 25 fathoms or greater in depth during the period 14 days before and 14 days after open commercial fishing seasons for red king crab, blue king crab, or tanner crab in the location;

(E) The waters of the Pacific Ocean enclosed by the boundaries of Womans Bay, Gibson Cove, and an area defined by a line ½ mile on either side of the mouth of the Karluk River, and extending seaward 3,000 feet, and all waters within 1,500 feet seaward of the shoreline of Afognak Island are closed to the harvest of king crab except by Federally-qualified subsistence users.
§ 100.27 Subsistence taking of shellfish.

(a) Regulations in this section apply to subsistence taking of dungeness crab, king crab, tanner crab, shrimp, clams, abalone, and other shellfish or their parts.

(b) Shellfish may be taken for subsistence uses at any time in any area of the public lands by any method unless restricted by the subsistence fishing regulations of §100.26 or this section.

(c) Methods, means, and general restrictions.

(1) The harvest limit specified herein for a subsistence season for a species and the State bag limit set for a State season for the same species are not cumulative. This means that a person or designated group who has taken the harvest limit for a particular species under a subsistence season specified herein may not after that, take any additional shellfish of that species under any other bag limit specified for a State season.

(2) Unless otherwise provided in this section, gear as specified in the definitions of §100.26 is legal for subsistence taking of shellfish.

(3) It is prohibited to buy or sell subsistence-taken shellfish, their parts, or their eggs, unless otherwise specified.

(4) The use of explosives and chemicals is prohibited, except that chemical baits or lures may be used to attract shellfish.

(5) Each subsistence fisherman shall plainly and legibly inscribe their first initial, last name and address on a keg or buoy attached to unattended subsistence fishing gear. Subsistence fishing gear may not display a permanent ADF&G vessel license number. The keg or buoy may be any color except red.

(6) A side wall of all subsistence shellfish pots must contain an opening with a perimeter equal to or exceeding one-half of the tunnel eye opening perimeter. The opening must be laced, sewn, or secured together by untreated cotton twine or other natural fiber no larger than 120 thread. Dungeness crab and shrimp pots may have the pot lid tied down straps secured to the pot at one end by untreated cotton twine no larger than 120 thread, as a substitute for the above requirement.

(7) No person may mutilate or otherwise disfigure a crab in any manner which would prevent determination of the minimum size restrictions until the crab has been processed or prepared for consumption.

(8) In addition to the marking requirements in paragraph (c)(5) of this section, kegs or buoys attached to subsistence crab pots must also be inscribed with the name or U.S. Coast Guard number of the vessel used to operate the pots.

(9) No more than five pots per person and 10 pots per vessel may be used to take crab, except as specified in paragraph (f) of this section.

(10) In the subsistence taking of shrimp in the Glacier Bay National Preserve, no person may use more than 10 pots, and no more than 20 pots may be operated from a vessel. In the subsistence taking of shellfish other than shrimp in the Glacier Bay National Preserve, no person may operate more than five pots of any type, and no more than 10 pots of any type may be operated from a vessel.

§100.26 is legal for subsistence taking of shellfish.
§ 100.27

(d) Subsistence take by commercial vessels. No fishing vessel which is commercially licensed and registered for shrimp pot, shrimp trawl, king crab, tanner crab, or dungeness crab fishing may be used for subsistence take during the period starting 14 days before an opening until 14 days after the closure of a respective open season in the area or areas for which the vessel is registered.

(e) Unlawful possession of subsistence shellfish. Shellfish or their parts taken in violation of Federal or State regulations may not be possessed, transported, given, received or bartered.

(f) Subsistence shellfish areas and pertinent restrictions. (1) Southeast Alaska-Yakutat Area. Shellfish may be taken for subsistence purposes in the Glacier Bay National Preserve only under the authority of a subsistence shellfish fishing permit.

(2) Cook Inlet Area. All waters within the boundaries of the Kenai National Wildlife Refuge are closed to the taking of shellfish for subsistence purposes.

(3) Kodiak Area. (i) Shellfish may be taken for subsistence purposes only under the authority of a subsistence shellfish fishing permit issued by the ADF&G;

(ii) The operator of a commercially licensed and registered shrimp fishing vessel must obtain a subsistence fishing permit from the ADF&G before subsistence shrimp fishing during a closed commercial shrimp fishing season or within a closed commercial shrimp fishing district, section, or subsection; the permit shall specify the area and the date the vessel operator intends to fish; no more than 500 pounds (227 kg) of shrimp may be in possession aboard the vessel;

(iii) The daily harvest and possession limit is 12 male dungeness crab per person;

(iv) In the subsistence taking of king crab:

(A) The daily harvest and possession limit is six male crab per person;

(B) All crab pots used for subsistence fishing and left in saltwater unattended longer than a two-week period shall have all bait containers removed and all doors secured fully open;

(C) Crab may be taken only from June 1 to January 31;

(v) The daily harvest and possession limit is 12 male tanner crab per person.

(4) Alaska Peninsula-Aleutian Islands Area. (i) Shellfish may be taken for subsistence purposes only under the authority of a subsistence shellfish fishing permit issued by the ADF&G;

(ii) The operator of a commercially licensed and registered shrimp fishing vessel must obtain a subsistence fishing permit from the ADF&G prior to subsistence shrimp fishing during a closed commercial shrimp fishing season or within a closed commercial shrimp fishing district, section, or subsection; the permit shall specify the area and the date the vessel operator intends to fish; no more than 500 pounds (227 kg) of shrimp may be in possession aboard the vessel;

(iii) The daily harvest and possession limit is 12 male dungeness crab per person;

(iv) In the subsistence taking of king crab:

(A) The daily harvest and possession limit is six male crab per person;

(B) All crab pots used for subsistence fishing and left in saltwater unattended longer than a two-week period shall have all bait containers removed and all doors secured fully open;

(C) Crab may be taken only from June 1 to January 31;

(v) The daily harvest and possession limit is 12 male tanner crab per person.

(5) Bering Sea Area. (i) In waters South of 60° North latitude, shellfish may be taken for subsistence purposes only under the authority of a subsistence shellfish fishing permit issued by the ADF&G;

(ii) In that portion of the area north of the latitude of Cape Newenham, shellfish may only be taken by shovel, jigging gear, pots and ring net;

(iii) The operator of a commercially licensed and registered shrimp fishing vessel must obtain a subsistence fishing permit from the ADF&G prior to subsistence shrimp fishing during a closed commercial shrimp fishing season or within a closed commercial shrimp fishing district, section or subsection; the permit shall specify the area and the date the vessel operator intends to fish; no more than 500 pounds (227 kg) of shrimp may be in possession aboard the vessel;

(iv) In waters south of 60° N. lat., the daily harvest and possession limit is 12 male dungeness crab per person;
(v) In the subsistence taking of king crab:
(A) In waters south of 60° N. lat., the daily harvest and possession limit is six male crab per person;
(B) All crab pots used for subsistence fishing and left in saltwater unattended longer than a two-week period shall have all bait and bait containers removed and all doors secured fully open;
(C) In waters south of 60° N. lat., crab may be taken only from January 1-31;
(vi) In waters south of 60° N. lat., the daily harvest and possession limit is 12 male Tanner crab.


PARTS 101-199 [RESERVED]

APPENDIX A TO CHAPTER I—CODES FOR THE REPRESENTATION OF NAMES OF COUNTRIES (ESTABLISHED BY THE INTERNATIONAL ORGANIZATION FOR STANDARDIZATION)

<table>
<thead>
<tr>
<th>Country</th>
<th>2-Letter code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan</td>
<td>AF</td>
</tr>
<tr>
<td>Albania</td>
<td>AL</td>
</tr>
<tr>
<td>Algeria</td>
<td>DZ</td>
</tr>
<tr>
<td>Angola</td>
<td>AO</td>
</tr>
<tr>
<td>Argentina</td>
<td>AR</td>
</tr>
<tr>
<td>Australia</td>
<td>AU</td>
</tr>
<tr>
<td>Austria</td>
<td>AT</td>
</tr>
<tr>
<td>Bahamas</td>
<td>BS</td>
</tr>
<tr>
<td>Bahrain</td>
<td>BH</td>
</tr>
<tr>
<td>Bangladesh</td>
<td>BD</td>
</tr>
<tr>
<td>Barbados</td>
<td>BB</td>
</tr>
<tr>
<td>Belgium</td>
<td>BE</td>
</tr>
<tr>
<td>Benin</td>
<td>BJ</td>
</tr>
<tr>
<td>Bhutan</td>
<td>BT</td>
</tr>
<tr>
<td>Bolivia</td>
<td>BO</td>
</tr>
<tr>
<td>Botswana</td>
<td>BW</td>
</tr>
<tr>
<td>Brazil</td>
<td>BR</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>BG</td>
</tr>
<tr>
<td>Burkina Faso</td>
<td>BJ</td>
</tr>
<tr>
<td>Burundi</td>
<td>BJ</td>
</tr>
<tr>
<td>Canada</td>
<td>CA</td>
</tr>
<tr>
<td>Cape Verde</td>
<td>CV</td>
</tr>
<tr>
<td>Central African Empire</td>
<td>CF</td>
</tr>
<tr>
<td>Chad</td>
<td>TD</td>
</tr>
<tr>
<td>Chile</td>
<td>CL</td>
</tr>
<tr>
<td>China</td>
<td>CN</td>
</tr>
<tr>
<td>Colombia</td>
<td>CO</td>
</tr>
<tr>
<td>Comoros</td>
<td>KM</td>
</tr>
<tr>
<td>Congo</td>
<td>CG</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>CR</td>
</tr>
<tr>
<td>Cuba</td>
<td>CU</td>
</tr>
<tr>
<td>Cyprus</td>
<td>CY</td>
</tr>
<tr>
<td>Czechoslovakia</td>
<td>CS</td>
</tr>
<tr>
<td>Democratic Kampuchea</td>
<td>KH</td>
</tr>
<tr>
<td>Democratic People's Republic of Korea</td>
<td>KP</td>
</tr>
<tr>
<td>Democratic Yemen</td>
<td>YD</td>
</tr>
<tr>
<td>Denmark</td>
<td>DK</td>
</tr>
<tr>
<td>Djibouti</td>
<td>DJ</td>
</tr>
<tr>
<td>Dominica</td>
<td>DM</td>
</tr>
<tr>
<td>Dominican Republic</td>
<td>DO</td>
</tr>
<tr>
<td>Ecuador</td>
<td>EC</td>
</tr>
<tr>
<td>Egypt</td>
<td>EG</td>
</tr>
<tr>
<td>El Salvador</td>
<td>SV</td>
</tr>
<tr>
<td>Equatorial Guinea</td>
<td>GQ</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>ET</td>
</tr>
<tr>
<td>Fiji</td>
<td>FJ</td>
</tr>
<tr>
<td>Finland</td>
<td>FI</td>
</tr>
<tr>
<td>France</td>
<td>FR</td>
</tr>
<tr>
<td>Gabon</td>
<td>GA</td>
</tr>
<tr>
<td>Gambia</td>
<td>GM</td>
</tr>
<tr>
<td>German Democratic Republic</td>
<td>DD</td>
</tr>
<tr>
<td>Germany, Federal Republic of</td>
<td>DE</td>
</tr>
<tr>
<td>Ghana</td>
<td>GH</td>
</tr>
<tr>
<td>Greece</td>
<td>GR</td>
</tr>
<tr>
<td>Grenada</td>
<td>GD</td>
</tr>
<tr>
<td>Guatemala</td>
<td>GT</td>
</tr>
<tr>
<td>Guinea</td>
<td>GN</td>
</tr>
<tr>
<td>Guinea-Bissau</td>
<td>GW</td>
</tr>
<tr>
<td>Guyana</td>
<td>GY</td>
</tr>
<tr>
<td>Haiti</td>
<td>HT</td>
</tr>
<tr>
<td>Holy See</td>
<td>VA</td>
</tr>
<tr>
<td>Honduras</td>
<td>HN</td>
</tr>
<tr>
<td>Hungary</td>
<td>HU</td>
</tr>
<tr>
<td>Iceland</td>
<td>IS</td>
</tr>
<tr>
<td>India</td>
<td>IN</td>
</tr>
<tr>
<td>Indonesia</td>
<td>ID</td>
</tr>
<tr>
<td>Iran</td>
<td>IR</td>
</tr>
<tr>
<td>Iraq</td>
<td>IQ</td>
</tr>
<tr>
<td>Ireland</td>
<td>IE</td>
</tr>
<tr>
<td>Israel</td>
<td>IL</td>
</tr>
<tr>
<td>Italy</td>
<td>IT</td>
</tr>
<tr>
<td>Ivory Coast</td>
<td>CI</td>
</tr>
<tr>
<td>Jamaica</td>
<td>JM</td>
</tr>
<tr>
<td>Japan</td>
<td>JP</td>
</tr>
<tr>
<td>Jordan</td>
<td>JO</td>
</tr>
<tr>
<td>Kenya</td>
<td>KE</td>
</tr>
<tr>
<td>Kiribati</td>
<td>KB</td>
</tr>
<tr>
<td>Kuwait</td>
<td>KW</td>
</tr>
<tr>
<td>Lao People's Democratic Republic</td>
<td>LA</td>
</tr>
<tr>
<td>Lebanon</td>
<td>LB</td>
</tr>
<tr>
<td>Lesotho</td>
<td>LS</td>
</tr>
<tr>
<td>Liberia</td>
<td>LR</td>
</tr>
<tr>
<td>Libyan Arab Jamahiriya</td>
<td>LY</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>LI</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>LU</td>
</tr>
<tr>
<td>Madagascar</td>
<td>MG</td>
</tr>
<tr>
<td>Malawi</td>
<td>MW</td>
</tr>
<tr>
<td>Malaysia</td>
<td>MY</td>
</tr>
<tr>
<td>Maldives</td>
<td>MV</td>
</tr>
<tr>
<td>Mali</td>
<td>ML</td>
</tr>
<tr>
<td>Malta</td>
<td>MT</td>
</tr>
<tr>
<td>Mauritania</td>
<td>MR</td>
</tr>
<tr>
<td>Mauritius</td>
<td>MU</td>
</tr>
<tr>
<td>Mexico</td>
<td>MX</td>
</tr>
<tr>
<td>Monaco</td>
<td>MC</td>
</tr>
<tr>
<td>Mongolia</td>
<td>MN</td>
</tr>
<tr>
<td>Morocco</td>
<td>MA</td>
</tr>
<tr>
<td>Mozambique</td>
<td>MZ</td>
</tr>
<tr>
<td>Namibia</td>
<td>NA</td>
</tr>
<tr>
<td>Nepal</td>
<td>NP</td>
</tr>
<tr>
<td>Netherlands</td>
<td>NL</td>
</tr>
<tr>
<td>New Zealand</td>
<td>NZ</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>NI</td>
</tr>
<tr>
<td>Niger</td>
<td>NE</td>
</tr>
<tr>
<td>Nigeria</td>
<td>NG</td>
</tr>
<tr>
<td>Norway</td>
<td>NO</td>
</tr>
<tr>
<td>Oman</td>
<td>OM</td>
</tr>
<tr>
<td>Pakistan</td>
<td>PK</td>
</tr>
<tr>
<td>Panama</td>
<td>PA</td>
</tr>
<tr>
<td>Papua New Guinea</td>
<td>PG</td>
</tr>
<tr>
<td>Paraguay</td>
<td>PY</td>
</tr>
<tr>
<td>Peru</td>
<td>PE</td>
</tr>
<tr>
<td>Philippines</td>
<td>PH</td>
</tr>
<tr>
<td>Poland</td>
<td>PL</td>
</tr>
<tr>
<td>Portugal</td>
<td>PT</td>
</tr>
<tr>
<td>Qatar</td>
<td>QA</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>KR</td>
</tr>
<tr>
<td>Romania</td>
<td>RO</td>
</tr>
<tr>
<td>Country</td>
<td>2-Letter code</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Rwanda</td>
<td>RW</td>
</tr>
<tr>
<td>Saint Lucia</td>
<td>LC</td>
</tr>
<tr>
<td>Sao Tome and Principe</td>
<td>ST</td>
</tr>
<tr>
<td>Sao Tome and Principe</td>
<td>ST</td>
</tr>
<tr>
<td>Saint Lucia</td>
<td>LC</td>
</tr>
<tr>
<td>Saint Lucia</td>
<td>LC</td>
</tr>
<tr>
<td>Saudi Arabia</td>
<td>SA</td>
</tr>
<tr>
<td>Senegal</td>
<td>SN</td>
</tr>
<tr>
<td>Seychelles</td>
<td>SC</td>
</tr>
<tr>
<td>Sierra Leone</td>
<td>SL</td>
</tr>
<tr>
<td>Singapore</td>
<td>SG</td>
</tr>
<tr>
<td>Solomon Islands</td>
<td>SB</td>
</tr>
<tr>
<td>Somalia</td>
<td>SO</td>
</tr>
<tr>
<td>South Africa</td>
<td>ZA</td>
</tr>
<tr>
<td>Spain</td>
<td>ES</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>LK</td>
</tr>
<tr>
<td>Sudane</td>
<td>SD</td>
</tr>
<tr>
<td>Suriname</td>
<td>SR</td>
</tr>
<tr>
<td>Swaziland</td>
<td>SZ</td>
</tr>
<tr>
<td>Sweden</td>
<td>SE</td>
</tr>
<tr>
<td>Switzerland</td>
<td>CH</td>
</tr>
<tr>
<td>Syrian Arab Republic</td>
<td>SY</td>
</tr>
<tr>
<td>Thailand</td>
<td>TH</td>
</tr>
<tr>
<td>Togo</td>
<td>TG</td>
</tr>
<tr>
<td>Tonga</td>
<td>TO</td>
</tr>
<tr>
<td>Trinidad and Tobago</td>
<td>TT</td>
</tr>
<tr>
<td>Tunisia</td>
<td>TN</td>
</tr>
<tr>
<td>Turkey</td>
<td>TR</td>
</tr>
<tr>
<td>Tuvalu</td>
<td>TV</td>
</tr>
<tr>
<td>Uganda</td>
<td>UG</td>
</tr>
<tr>
<td>Union of Soviet Socialist Republics</td>
<td>SU</td>
</tr>
<tr>
<td>United Arab Emirates</td>
<td>AE</td>
</tr>
<tr>
<td>United Kingdom of Great Britain and Northern Ireland</td>
<td>GB</td>
</tr>
<tr>
<td>United Republic of Cameroon</td>
<td>CM</td>
</tr>
<tr>
<td>United Republic of Tanzania</td>
<td>TZ</td>
</tr>
<tr>
<td>United States of America</td>
<td>US</td>
</tr>
<tr>
<td>Upper Volta</td>
<td>HV</td>
</tr>
<tr>
<td>Uruguay</td>
<td>UY</td>
</tr>
<tr>
<td>Vanuatu</td>
<td>VU</td>
</tr>
<tr>
<td>Venezuela</td>
<td>VE</td>
</tr>
<tr>
<td>Viet Nam</td>
<td>VN</td>
</tr>
<tr>
<td>Yemen</td>
<td>YE</td>
</tr>
<tr>
<td>Yugoslavia</td>
<td>YU</td>
</tr>
<tr>
<td>Zaire</td>
<td>ZR</td>
</tr>
<tr>
<td>Zambia</td>
<td>ZM</td>
</tr>
<tr>
<td>Zimbabwe</td>
<td>ZW</td>
</tr>
</tbody>
</table>

[47 FR 31388, July 20, 1982]
FINDING AIDS

A list of CFR titles, subtitles, chapters, subchapters and parts and an alphabetical list of agencies publishing in the CFR are included in the CFR Index and Finding Aids volume to the Code of Federal Regulations which is published separately and revised annually.

Material Approved for Incorporation by Reference
Table of CFR Titles and Chapters
Alphabetical List of Agencies Appearing in the CFR
List of CFR Sections Affected
Material Approved for Incorporation by Reference

(Revised as of October 1, 1998)

The Director of the Federal Register has approved under 5 U.S.C. 552(a) and 1 CFR Part 51 the incorporation by reference of the following publications. This list contains only those incorporations by reference effective as of the revision date of this volume. Incorporations by reference found within a regulation are effective upon the effective date of that regulation. For more information on incorporation by reference, see the preliminary pages of this volume.

50 CFR (PARTS 1-199)
UNITED STATES FISH AND WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR

INTERNATIONAL AIR TRANSPORT ASSOCIATION
2000 Peel St., Montreal, Quebec, Canada H3A 2R4
Table of CFR Titles and Chapters  
(Revised as of September 29, 1998)

**Title 1—General Provisions**

I Administrative Committee of the Federal Register (Parts 1—49)
II Office of the Federal Register (Parts 50—299)
IV Miscellaneous Agencies (Parts 400—500)

**Title 2—[Reserved]**

**Title 3—The President**

I Executive Office of the President (Parts 100—199)

**Title 4—Accounts**

I General Accounting Office (Parts 1—99)
II Federal Claims Collection Standards (General Accounting Office—Department of Justice) (Parts 100—299)

**Title 5—Administrative Personnel**

I Office of Personnel Management (Parts 1—1199)
II Merit Systems Protection Board (Parts 1200—1299)
III Office of Management and Budget (Parts 1300—1399)
IV Advisory Committee on Federal Pay (Parts 1400—1499)
V The International Organizations Employees Loyalty Board (Parts 1500—1599)
VI Federal Retirement Thrift Investment Board (Parts 1600—1699)
VII Advisory Commission on Intergovernmental Relations (Parts 1700—1799)
VIII Office of Special Counsel (Parts 1800—1899)
IX Appalachian Regional Commission (Parts 1900—1999)
XI Armed Forces Retirement Home (Part 2100)
XIV Federal Labor Relations Authority, General Counsel of the Federal Labor Relations Authority and Federal Service Impasses Panel (Parts 2400—2499)
XV Office of Administration, Executive Office of the President (Parts 2500—2599)
XVI Office of Government Ethics (Parts 2600—2699)
XXI Department of the Treasury (Parts 3100—3199)
Title 5—Administrative Personnel—Continued

XXII Federal Deposit Insurance Corporation (Part 3201)
XXIII Department of Energy (Part 3301)
XXIV Federal Energy Regulatory Commission (Part 3401)
XXV Department of the Interior (Part 3501)
XXVI Department of Defense (Part 3601)
XXVIII Department of Justice (Part 3801)
XXIX Federal Communications Commission (Parts 3900–3999)
XXX Farm Credit System Insurance Corporation (Parts 4000–4099)
XXXI Farm Credit Administration (Parts 4100–4199)
XXXIII Overseas Private Investment Corporation (Part 4301)
XXXV Office of Personnel Management (Part 4501)
XL Interstate Commerce Commission (Part 5001)
XLI Commodity Futures Trading Commission (Part 5101)
XLII Department of Labor (Part 5201)
XLIII National Science Foundation (Part 5301)
XLV Department of Health and Human Services (Part 5501)
XLVI Federal Trade Commission (Part 5701)
XLVII Federal Communications Commission (Part 5801)
L Department of Transportation (Part 6001)
LI Export-Import Bank of the United States (Part 6201)
LII Department of Education (Parts 6300–6399)
LIV Environmental Protection Agency (Part 6401)
LV General Services Administration (Part 6701)
LVI Board of Governors of the Federal Reserve System (Part 6801)
LVII National Aeronautics and Space Administration (Part 6901)
LVIII United States Postal Service (Part 7001)
LIX National Labor Relations Board (Part 7101)
LX Equal Employment Opportunity Commission (Part 7201)
LXI Inter-American Foundation (Part 7301)
LXII Department of Housing and Urban Development (Part 7501)
LXIII National Archives and Records Administration (Part 7601)
LXIV Tennessee Valley Authority (Part 7901)
LXV Consumer Product Safety Commission (Part 8101)
LXVI Federal Mine Safety and Health Review Commission (Part 8401)
LXVII Federal Retirement Thrift Investment Board (Part 8601)
LXVIII Office of Management and Budget (Part 8701)

Title 6—[Reserved]

Title 7—Agriculture

Subtitle A—Office of the Secretary of Agriculture (Parts 0–26)
Subtitle B—Regulations of the Department of Agriculture
Title 7—Agriculture—Continued

I Agricultural Marketing Service (Standards, Inspections, Marketing Practices), Department of Agriculture (Parts 27—209)
II Food and Nutrition Service, Department of Agriculture (Parts 210—299)
III Animal and Plant Health Inspection Service, Department of Agriculture (Parts 300—399)
IV Federal Crop Insurance Corporation, Department of Agriculture (Parts 400—499)
V Agricultural Research Service, Department of Agriculture (Parts 500—599)
VI Natural Resources Conservation Service, Department of Agriculture (Parts 600—699)
VII Farm Service Agency, Department of Agriculture (Parts 700—799)
VIII Grain Inspection, Packers and Stockyards Administration (Federal Grain Inspection Service), Department of Agriculture (Parts 800—899)
IX Agricultural Marketing Service (Marketing Agreements and Orders; Fruits, Vegetables, Nuts), Department of Agriculture (Parts 900—999)
X Agricultural Marketing Service (Marketing Agreements and Orders; Milk), Department of Agriculture (Parts 1000—1199)
XI Agricultural Marketing Service (Marketing Agreements and Orders; Miscellaneous Commodities), Department of Agriculture (Parts 1200—1299)
XIII Northeast Dairy Compact Commission (Parts 1300—1399)
XIV Commodity Credit Corporation, Department of Agriculture (Parts 1400—1499)
XV Foreign Agricultural Service, Department of Agriculture (Parts 1500—1599)
XVI Rural Telephone Bank, Department of Agriculture (Parts 1600—1699)
XVII Rural Utilities Service, Department of Agriculture (Parts 1700—1799)
XVIII Rural Housing Service, Rural Business-Cooperative Service, Rural Utilities Service, and Farm Service Agency, Department of Agriculture (Parts 1800—2099)
XXVI Office of Inspector General, Department of Agriculture (Parts 2600—2699)
XXVII Office of Information Resources Management, Department of Agriculture (Parts 2700—2799)
XXVIII Office of Operations, Department of Agriculture (Parts 2800—2899)
XXIX Office of Energy, Department of Agriculture (Parts 2900—2999)
XXX Office of the Chief Financial Officer, Department of Agriculture (Parts 3000—3099)
XXXI Office of Environmental Quality, Department of Agriculture (Parts 3100—3199)
XXXII [Reserved]
Title 7—Agriculture—Continued

XXXIII Office of Transportation, Department of Agriculture (Parts 3300—3399)
XXXIV Cooperative State Research, Education, and Extension Service, Department of Agriculture (Parts 3400—3499)
XXXV Rural Housing Service, Department of Agriculture (Parts 3500—3599)
XXXVI National Agricultural Statistics Service, Department of Agriculture (Parts 3600—3699)
XXXVII Economic Research Service, Department of Agriculture (Parts 3700—3799)
XXXVIII World Agricultural Outlook Board, Department of Agriculture (Parts 3800—3899)
XL Res[erved]
XLI Rural Business-Cooperative Service and Rural Utilities Service, Department of Agriculture (Parts 4200—4299)

Title 8—Aliens and Nationality

I Immigration and Naturalization Service, Department of Justice (Parts 1—499)

Title 9—Animals and Animal Products

I Animal and Plant Health Inspection Service, Department of Agriculture (Parts 1—199)
II Grain Inspection, Packers and Stockyards Administration (Packers and Stockyards Programs), Department of Agriculture (Parts 200—299)
III Food Safety and Inspection Service, Meat and Poultry Inspection, Department of Agriculture (Parts 300—599)

Title 10—Energy

I Nuclear Regulatory Commission (Parts 0—199)
II Department of Energy (Parts 200—699)
III Department of Energy (Parts 700—999)
X Department of Energy (General Provisions) (Parts 1000—1099)
XVII Defense Nuclear Facilities Safety Board (Parts 1700—1799)

Title 11—Federal Elections

I Federal Election Commission (Parts 1—9099)

Title 12—Banks and Banking

I Comptroller of the Currency, Department of the Treasury (Parts 1—199)
II Federal Reserve System (Parts 200—299)
III Federal Deposit Insurance Corporation (Parts 300—399)
Title 12—Banks and Banking—Continued

IV Export-Import Bank of the United States (Parts 400—499)
V Office of Thrift Supervision, Department of the Treasury (Parts 500—599)
VI Farm Credit Administration (Parts 600—699)
VII National Credit Union Administration (Parts 700—799)
VIII Federal Financing Bank (Parts 800—899)
IX Federal Housing Finance Board (Parts 900—999)
XI Federal Financial Institutions Examination Council (Parts 1100—1199)
XIV Farm Credit System Insurance Corporation (Parts 1400—1499)
XV Thrift Depositor Protection Oversight Board (Parts 1500—1599)
XVII Office of Federal Housing Enterprise Oversight, Department of Housing and Urban Development (Parts 1700—1799)
XVIII Community Development Financial Institutions Fund, Department of the Treasury (Parts 1800—1899)

Title 13—Business Credit and Assistance

I Small Business Administration (Parts 1—199)
III Economic Development Administration, Department of Commerce (Parts 300—399)

Title 14—Aeronautics and Space

I Federal Aviation Administration, Department of Transportation (Parts 1—199)
II Office of the Secretary, Department of Transportation (Aviation Proceedings) (Parts 200—399)
III Commercial Space Transportation, Federal Aviation Administration, Department of Transportation (Parts 400—499)
V National Aeronautics and Space Administration (Parts 1200—1299)

Title 15—Commerce and Foreign Trade

SubTitle A—Office of the Secretary of Commerce (Parts 0—29)
SubTitle B—Regulations Relating to Commerce and Foreign Trade
I Bureau of the Census, Department of Commerce (Parts 30—199)
II National Institute of Standards and Technology, Department of Commerce (Parts 200—299)
III International Trade Administration, Department of Commerce (Parts 300—399)
IV Foreign-Trade Zones Board, Department of Commerce (Parts 400—499)
VII Bureau of Export Administration, Department of Commerce (Parts 700—799)
VIII Bureau of Economic Analysis, Department of Commerce (Parts 800—899)
Title 15—Commerce and Foreign Trade—Continued

IX National Oceanic and Atmospheric Administration, Department of Commerce (Parts 900—999)

XI Technology Administration, Department of Commerce (Parts 1100—1199)

XIII East-West Foreign Trade Board (Parts 1300—1399)

XIV Minority Business Development Agency (Parts 1400—1499)

SUBTITLE C—Regulations Relating to Foreign Trade Agreements

XX Office of the United States Trade Representative (Parts 2000—2099)

SUBTITLE D—Regulations Relating to Telecommunications and Information

XXIII National Telecommunications and Information Administration, Department of Commerce (Parts 2300—2399)

Title 16—Commercial Practices

I Federal Trade Commission (Parts 0—999)

II Consumer Product Safety Commission (Parts 1000—1799)

Title 17—Commodity and Securities Exchanges

I Commodity Futures Trading Commission (Parts 1—199)

II Securities and Exchange Commission (Parts 200—399)

IV Department of the Treasury (Parts 400—499)

Title 18—Conservation of Power and Water Resources

I Federal Energy Regulatory Commission, Department of Energy (Parts 1—399)

III Delaware River Basin Commission (Parts 400—499)

VI Water Resources Council (Parts 700—799)

VIII Susquehanna River Basin Commission (Parts 800—899)

XIII Tennessee Valley Authority (Parts 1300—1399)

Title 19—Customs Duties

I United States Customs Service, Department of the Treasury (Parts 1—199)

II United States International Trade Commission (Parts 200—299)

III International Trade Administration, Department of Commerce (Parts 300—399)

Title 20—Employees’ Benefits

I Office of Workers’ Compensation Programs, Department of Labor (Parts 1—199)

II Railroad Retirement Board (Parts 200—399)

III Social Security Administration (Parts 400—499)
Title 20—Employees' Benefits—Continued

IV Employees' Compensation Appeals Board, Department of Labor (Parts 500—599)
V Employment and Training Administration, Department of Labor (Parts 600—699)
VI Employment Standards Administration, Department of Labor (Parts 700—799)
VII Benefits Review Board, Department of Labor (Parts 800—899)
VIII Joint Board for the Enrollment of Actuaries (Parts 900—999)
IX Office of the Assistant Secretary for Veterans' Employment and Training, Department of Labor (Parts 1000—1099)

Title 21—Food and Drugs

I Food and Drug Administration, Department of Health and Human Services (Parts 1—1299)
II Drug Enforcement Administration, Department of Justice (Parts 1300—1399)
III Office of National Drug Control Policy (Parts 1400—1499)

Title 22—Foreign Relations

I Department of State (Parts 1—199)
II Agency for International Development, International Development Cooperation Agency (Parts 200—299)
III Peace Corps (Parts 300—399)
IV International Joint Commission, United States and Canada (Parts 400—499)
V United States Information Agency (Parts 500—599)
VI United States Arms Control and Disarmament Agency (Parts 600—699)
VII Overseas Private Investment Corporation, International Development Cooperation Agency (Parts 700—799)
IX Foreign Service Grievance Board Regulations (Parts 900—999)
X Inter-American Foundation (Parts 1000—1099)
XI International Boundary and Water Commission, United States and Mexico, United States Section (Parts 1100—1199)
XII United States International Development Cooperation Agency (Parts 1200—1299)
XIII Board for International Broadcasting (Parts 1300—1399)
XIV Foreign Service Labor Relations Board; Federal Labor Relations Authority; General Counsel of the Federal Labor Relations Authority; and the Foreign Service Impasse Disputes Panel (Parts 1400—1499)
XV African Development Foundation (Parts 1500—1599)
XVI Japan-United States Friendship Commission (Parts 1600—1699)
XVII United States Institute of Peace (Parts 1700—1799)
Title 23—Highways

I Federal Highway Administration, Department of Transportation (Parts 1—999)

II National Highway Traffic Safety Administration and Federal Highway Administration, Department of Transportation (Parts 1200—1299)

III National Highway Traffic Safety Administration, Department of Transportation (Parts 1300—1399)

Title 24—Housing and Urban Development

SUBTITLE A—Office of the Secretary, Department of Housing and Urban Development (Parts 0—99)

SUBTITLE B—Regulations Relating to Housing and Urban Development

I Office of Assistant Secretary for Equal Opportunity, Department of Housing and Urban Development (Parts 100—199)

II Office of Assistant Secretary for Housing-Federal Housing Commissioner, Department of Housing and Urban Development (Parts 200—299)

III Government National Mortgage Association, Department of Housing and Urban Development (Parts 300—399)

IV Office of Multifamily Housing Assistance Restructuring, Department of Housing and Urban Development (Parts 400—499)

V Office of Assistant Secretary for Community Planning and Development, Department of Housing and Urban Development (Parts 500—599)

VI Office of Assistant Secretary for Community Planning and Development, Department of Housing and Urban Development (Parts 600—699) [Reserved]

VII Office of the Secretary, Department of Housing and Urban Development (Housing Assistance Programs and Public and Indian Housing Programs) (Parts 700—799)

VIII Office of the Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Section 8 Housing Assistance Programs and Section 202 Direct Loan Program) (Parts 800—899)

IX Office of Assistant Secretary for Public and Indian Housing, Department of Housing and Urban Development (Parts 900—999)

X Office of Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Interstate Land Sales Registration Program) (Parts 1700—1799)

XII Office of Inspector General, Department of Housing and Urban Development (Parts 2000—2099)

XX Office of Assistant Secretary for Housing—Federal Housing Commissioner, Department of Housing and Urban Development (Parts 3200—3899)

XXV Neighborhood Reinvestment Corporation (Parts 4100—4199)
Title 25—Indians

I Bureau of Indian Affairs, Department of the Interior (Parts 1—299)
II Indian Arts and Crafts Board, Department of the Interior (Parts 300—399)
III National Indian Gaming Commission, Department of the Interior (Parts 500—599)
IV Office of Navajo and Hopi Indian Relocation (Parts 700—799)
V Bureau of Indian Affairs, Department of the Interior, and Indian Health Service, Department of Health and Human Services (Part 900)
VI Office of the Assistant Secretary-Indian Affairs, Department of the Interior (Part 1001)
VII Office of the Special Trustee for American Indians, Department of the Interior (Part 1200)

Title 26—Internal Revenue

I Internal Revenue Service, Department of the Treasury (Parts 1—799)

Title 27—Alcohol, Tobacco Products and Firearms

I Bureau of Alcohol, Tobacco and Firearms, Department of the Treasury (Parts 1—299)

Title 28—Judicial Administration

I Department of Justice (Parts 0—199)
III Federal Prison Industries, Inc., Department of Justice (Parts 300—399)
V Bureau of Prisons, Department of Justice (Parts 500—599)
VI Offices of Independent Counsel, Department of Justice (Parts 600—699)
VII Office of Independent Counsel (Parts 700—799)

Title 29—Labor

SUBTITLE A—Office of the Secretary of Labor (Parts 0—99)
SUBTITLE B—Regulations Relating to Labor
I National Labor Relations Board (Parts 100—199)
II Office of Labor-Management Standards, Department of Labor (Parts 200—299)
III National Railroad Adjustment Board (Parts 300—399)
IV Office of Labor-Management Standards, Department of Labor (Parts 400—499)
V Wage and Hour Division, Department of Labor (Parts 500—899)
IX Construction Industry Collective Bargaining Commission (Parts 900—999)
X National Mediation Board (Parts 1200—1299)
Title 29—Labor—Continued

XII Federal Mediation and Conciliation Service (Parts 1400–1499)
XIV Equal Employment Opportunity Commission (Parts 1600–1699)
XVII Occupational Safety and Health Administration, Department of Labor (Parts 1900–1999)
XX Occupational Safety and Health Review Commission (Parts 2200–2499)
XXV Pension and Welfare Benefits Administration, Department of Labor (Parts 2500–2599)
XXVII Federal Mine Safety and Health Review Commission (Parts 2700–2799)
XL Pension Benefit Guaranty Corporation (Parts 4000–4999)

Title 30—Mineral Resources

I Mine Safety and Health Administration, Department of Labor (Parts 1–199)
II Minerals Management Service, Department of the Interior (Parts 200–299)
III Board of Surface Mining and Reclamation Appeals, Department of the Interior (Parts 300–399)
IV Geological Survey, Department of the Interior (Parts 400–499)
VI Bureau of Mines, Department of the Interior (Parts 600–699)
VII Office of Surface Mining Reclamation and Enforcement, Department of the Interior (Parts 700–799)

Title 31—Money and Finance: Treasury

Subtitle A—Office of the Secretary of the Treasury (Parts 0–50)
Subtitle B—Regulations Relating to Money and Finance
I Monetary Offices, Department of the Treasury (Parts 51–199)
II Fiscal Service, Department of the Treasury (Parts 200–299)
IV Secret Service, Department of the Treasury (Parts 400–499)
V Office of Foreign Assets Control, Department of the Treasury (Parts 500–599)
VI Bureau of Engraving and Printing, Department of the Treasury (Parts 600–699)
VII Federal Law Enforcement Training Center, Department of the Treasury (Parts 700–799)
VIII Office of International Investment, Department of the Treasury (Parts 800–899)

Title 32—National Defense

Subtitle A—Department of Defense
I Office of the Secretary of Defense (Parts 1–399)
V Department of the Army (Parts 400–699)
VI Department of the Navy (Parts 700–799)
Title 32—National Defense—Continued

VII Department of the Air Force (Parts 800—1099)

SUBTITLE B—Other Regulations Relating to National Defense

XII Defense Logistics Agency (Parts 1200—1299)

XVI Selective Service System (Parts 1600—1699)

XIX Central Intelligence Agency (Parts 1900—1999)

XX Information Security Oversight Office, National Archives and Records Administration (Parts 2000—2099)

XXI National Security Council (Parts 2100—2199)

XXIV Office of Science and Technology Policy (Parts 2400—2499)

XXVII Office for Micronesian Status Negotiations (Parts 2700—2799)

XXVIII Office of the Vice President of the United States (Parts 2800—2899)

XXIX Presidential Commission on the Assignment of Women in the Armed Forces (Part 2900)

Title 33—Navigation and Navigable Waters

I Coast Guard, Department of Transportation (Parts 1—199)

II Corps of Engineers, Department of the Army (Parts 200—399)

IV Saint Lawrence Seaway Development Corporation, Department of Transportation (Parts 400—499)

Title 34—Education

SUBTITLE A—Office of the Secretary, Department of Education (Parts 1—99)

SUBTITLE B—Regulations of the Offices of the Department of Education

I Office for Civil Rights, Department of Education (Parts 100—199)

II Office of Elementary and Secondary Education, Department of Education (Parts 200—299)

III Office of Special Education and Rehabilitative Services, Department of Education (Parts 300—399)

IV Office of Vocational and Adult Education, Department of Education (Parts 400—499)

V Office of Bilingual Education and Minority Languages Affairs, Department of Education (Parts 500—599)

VI Office of Postsecondary Education, Department of Education (Parts 600—699)

VII Office of Educational Research and Improvement, Department of Education (Parts 700—799)

XI National Institute for Literacy (Parts 1100—1199)

SUBTITLE C—Regulations Relating to Education

XII National Council on Disability (Parts 1200—1299)

Title 35—Panama Canal

I Panama Canal Regulations (Parts 1—299)
Title 36—Parks, Forests, and Public Property

I National Park Service, Department of the Interior (Parts 1—199)
II Forest Service, Department of Agriculture (Parts 200—299)
III Corps of Engineers, Department of the Army (Parts 300—399)
IV American Battle Monuments Commission (Parts 400—499)
V Smithsonian Institution (Parts 500—599)
VII Library of Congress (Parts 700—799)
VIII Advisory Council on Historic Preservation (Parts 800—899)
IX Pennsylvania Avenue Development Corporation (Parts 900—999)
X Presidio Trust (Parts 1000—1099)
XI Architectural and Transportation Barriers Compliance Board (Parts 1100—1199)
XII National Archives and Records Administration (Parts 1200—1299)
XIV Assassination Records Review Board (Parts 1400—1499)

Title 37—Patents, Trademarks, and Copyrights

I Patent and Trademark Office, Department of Commerce (Parts 1—199)
II Copyright Office, Library of Congress (Parts 200—299)
IV Assistant Secretary for Technology Policy, Department of Commerce (Parts 400—499)
V Under Secretary for Technology, Department of Commerce (Parts 500—599)

Title 38—Pensions, Bonuses, and Veterans’ Relief

I Department of Veterans Affairs (Parts 0—99)

Title 39—Postal Service

I United States Postal Service (Parts 1—999)
III Postal Rate Commission (Parts 3000—3099)

Title 40—Protection of Environment

I Environmental Protection Agency (Parts 1—799)
V Council on Environmental Quality (Parts 1500—1599)

Title 41—Public Contracts and Property Management

SUBTITLE B—Other Provisions Relating to Public Contracts
50 Public Contracts, Department of Labor (Parts 50—1—50—999)
51 Committee for Purchase From People Who Are Blind or Severely Disabled (Parts 51—1—51—99)
60 Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Parts 60—1—60—999)

892
Title 41—Public Contracts and Property Management—Continued

61 Office of the Assistant Secretary for Veterans Employment and Training, Department of Labor (Parts 61-1—61-999)

Subtitle C—Federal Property Management Regulations System

101 Federal Property Management Regulations (Parts 101-1—101-99)

105 General Services Administration (Parts 105-1—105-999)

109 Department of Energy Property Management Regulations (Parts 109-1—109-99)

114 Department of the Interior (Parts 114-1—114-99)

115 Environmental Protection Agency (Parts 115-1—115-99)

128 Department of Justice (Parts 128-1—128-99)

Subtitle D—Other Provisions Relating to Property Management [Reserved]

Subtitle E—Federal Information Resources Management Regulations System

201 Federal Information Resources Management Regulation (Parts 201-1—201-99) [Reserved]

Subtitle F—Federal Travel Regulation System

300 General (Parts 300-1—300.99)

301 Temporary Duty (TDY) Travel Allowances (Parts 301-1—301-99)

302 Relocation Allowances (Parts 302-1—302-99)

303 Payment of Expenses Connected with the Death of Certain Employees (Parts 303-1—303-2)

304 Payment from a Non-Federal Source for Travel Expenses (Parts 304-1—304-99)

Title 42—Public Health

I Public Health Service, Department of Health and Human Services (Parts 1—199)

IV Health Care Financing Administration, Department of Health and Human Services (Parts 400—499)

V Office of Inspector General-Health Care, Department of Health and Human Services (Parts 1000—1999)

Title 43—Public Lands: Interior

Subtitle A—Office of the Secretary of the Interior (Parts 1—199)

Subtitle B—Regulations Relating to Public Lands

I Bureau of Reclamation, Department of the Interior (Parts 200—499)

II Bureau of Land Management, Department of the Interior (Parts 1000—9999)

III Utah Reclamation Mitigation and Conservation Commission (Parts 10000—10005)

Title 44—Emergency Management and Assistance

I Federal Emergency Management Agency (Parts 0—399)
Title 44—Emergency Management and Assistance—Continued

IV Department of Commerce and Department of Transportation (Parts 400—499)

Title 45—Public Welfare

SUBTITLE A—Department of Health and Human Services (Parts 1—199)

SUBTITLE B—Regulations Relating to Public Welfare

II Office of Family Assistance (Assistance Programs), Administration for Children and Families, Department of Health and Human Services (Parts 200—299)

III Office of Child Support Enforcement (Child Support Enforcement Program), Administration for Children and Families, Department of Health and Human Services (Parts 300—399)

IV Office of Refugee Resettlement, Administration for Children and Families Department of Health and Human Services (Parts 400—499)

V Foreign Claims Settlement Commission of the United States, Department of Justice (Parts 500—599)

VI National Science Foundation (Parts 600—699)

VII Commission on Civil Rights (Parts 700—799)

VIII Office of Personnel Management (Parts 800—899)

X Office of Community Services, Administration for Children and Families, Department of Health and Human Services (Parts 1000—1099)

XI National Foundation on the Arts and the Humanities (Parts 1100—1199)

XII Corporation for National and Community Service (Parts 1200—1299)

XIII Office of Human Development Services, Department of Health and Human Services (Parts 1300—1399)

XVI Legal Services Corporation (Parts 1600—1699)

XVII National Commission on Libraries and Information Science (Parts 1700—1799)

XVIII Harry S. Truman Scholarship Foundation (Parts 1800—1899)

XXI Commission on Fine Arts (Parts 2100—2199)

XXII Christopher Columbus Quincentenary Jubilee Commission (Parts 2200—2299)

XXIII Arctic Research Commission (Part 2301)

XXIV James Madison Memorial Fellowship Foundation (Parts 2400—2499)

XXV Corporation for National and Community Service (Parts 2500—2599)

Title 46—Shipping

I Coast Guard, Department of Transportation (Parts 1—199)

II Maritime Administration, Department of Transportation (Parts 200—399)
Title 46—Shipping—Continued

III Coast Guard (Great Lakes Pilotage), Department of Transportation (Parts 400—499)
IV Federal Maritime Commission (Parts 500—599)

Title 47—Telecommunication

I Federal Communications Commission (Parts 0—199)
II Office of Science and Technology Policy and National Security Council (Parts 200—299)
III National Telecommunications and Information Administration, Department of Commerce (Parts 300—399)

Title 48—Federal Acquisition Regulations System

1 Federal Acquisition Regulation (Parts 1—99)
2 Department of Defense (Parts 200—299)
3 Department of Health and Human Services (Parts 300—399)
4 Department of Agriculture (Parts 400—499)
5 General Services Administration (Parts 500—599)
6 Department of State (Parts 600—699)
7 United States Agency for International Development (Parts 700—799)
8 Department of Veterans Affairs (Parts 800—899)
9 Department of Energy (Parts 900—999)
10 Department of the Treasury (Parts 1000—1099)
12 Department of Transportation (Parts 1200—1299)
13 Department of Commerce (Parts 1300—1399)
14 Department of the Interior (Parts 1400—1499)
15 Environmental Protection Agency (Parts 1500—1599)
16 Office of Personnel Management Federal Employees Health Benefits Acquisition Regulation (Parts 1600—1699)
17 Office of Personnel Management (Parts 1700—1799)
18 National Aeronautics and Space Administration (Parts 1800—1899)
19 United States Information Agency (Parts 1900—1999)
20 Nuclear Regulatory Commission (Parts 2000—2099)
21 Office of Personnel Management, Federal Employees Group Life Insurance Federal Acquisition Regulation (Parts 2100—2199)
23 Social Security Administration (Parts 2300—2399)
24 Department of Housing and Urban Development (Parts 2400—2499)
25 National Science Foundation (Parts 2500—2599)
28 Department of Justice (Parts 2800—2899)
29 Department of Labor (Parts 2900—2999)
34 Department of Education Acquisition Regulation (Parts 3400—3499)
35 Panama Canal Commission (Parts 3500—3599)
Title 48—Federal Acquisition Regulations System—Continued

   44 Federal Emergency Management Agency (Parts 4400—4499)
   51 Department of the Army Acquisition Regulations (Parts 5100—5199)
   52 Department of the Navy Acquisition Regulations (Parts 5200—5299)
   53 Department of the Air Force Federal Acquisition Regulation Supplement (Parts 5300—5399)
   54 Defense Logistics Agency, Department of Defense (Part 5452)
   57 African Development Foundation (Parts 5700—5799)
   61 General Services Administration Board of Contract Appeals (Parts 6100—6199)
   63 Department of Transportation Board of Contract Appeals (Parts 6300—6399)
   99 Cost Accounting Standards Board, Office of Federal Procurement Policy, Office of Management and Budget (Parts 9900—9999)

Title 49—Transportation

   SUBTITLE A—Office of the Secretary of Transportation (Parts 1—99)
   SUBTITLE B—Other Regulations Relating to Transportation
   I Research and Special Programs Administration, Department of Transportation (Parts 100—199)
   II Federal Railroad Administration, Department of Transportation (Parts 200—299)
   III Federal Highway Administration, Department of Transportation (Parts 300—399)
   IV Coast Guard, Department of Transportation (Parts 400—499)
   V National Highway Traffic Safety Administration, Department of Transportation (Parts 500—599)
   VI Federal Transit Administration, Department of Transportation (Parts 600—699)
   VII National Railroad Passenger Corporation (AMTRAK) (Parts 700—799)
   VIII National Transportation Safety Board (Parts 800—999)
   X Surface Transportation Board, Department of Transportation (Parts 1000—1399)

Title 50—Wildlife and Fisheries

   I United States Fish and Wildlife Service, Department of the Interior (Parts 1—199)
   II National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce (Parts 200—299)
   III International Fishing and Related Activities (Parts 300—399)
Title 50—Wildlife and Fisheries—Continued

IV Joint Regulations (United States Fish and Wildlife Service, Department of the Interior and National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce); Endangered Species Committee Regulations (Parts 400—499)

V Marine Mammal Commission (Parts 500—599)

VI Fishery Conservation and Management, National Oceanic and Atmospheric Administration, Department of Commerce (Parts 600—699)

CFR Index and Finding Aids

Subject/Agency Index
List of Agency Prepared Indexes
Parallel Tables of Statutory Authorities and Rules
List of CFR Titles, Chapters, Subchapters, and Parts
Alphabetical List of Agencies Appearing in the CFR
# Alphabetical List of Agencies Appearing in the CFR

*(Revised as of September 29, 1998)*

<table>
<thead>
<tr>
<th>Agency</th>
<th>CFR Title, Subtitle or Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative Committee of the Federal Register</td>
<td>1, I</td>
</tr>
<tr>
<td>Advanced Research Projects Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Advisory Committee on Intergovernmental Relations</td>
<td>5, VII</td>
</tr>
<tr>
<td>Advisory Committee on Federal Pay</td>
<td>5, IV</td>
</tr>
<tr>
<td>Advisory Council on Historic Preservation</td>
<td>36, VIII</td>
</tr>
<tr>
<td>African Development Foundation</td>
<td>22, XV</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 57</td>
</tr>
<tr>
<td>Agency for International Development, United States</td>
<td>22, II</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 7</td>
</tr>
<tr>
<td>Agricultural Marketing Service</td>
<td>7, I, IX, X, XI</td>
</tr>
<tr>
<td>Agricultural Research Service</td>
<td>7, V</td>
</tr>
<tr>
<td>Agriculture Department</td>
<td></td>
</tr>
<tr>
<td>Agricultural Marketing Service</td>
<td>7, I, IX, X, XI</td>
</tr>
<tr>
<td>Agricultural Research Service</td>
<td>7, V</td>
</tr>
<tr>
<td>Animal and Plant Health Inspection Service</td>
<td>7, III; 9, I</td>
</tr>
<tr>
<td>Chief Financial Officer, Office of</td>
<td>7, XXX</td>
</tr>
<tr>
<td>Commodity Credit Corporation</td>
<td>7, XIV</td>
</tr>
<tr>
<td>Cooperative State Research, Education, and Extension Service</td>
<td>7, XXXIV</td>
</tr>
<tr>
<td>Economic Research Service</td>
<td>7, XXXVII</td>
</tr>
<tr>
<td>Energy, Office of</td>
<td>7, XXXIX</td>
</tr>
<tr>
<td>Environmental Quality, Office of</td>
<td>7, XXXI</td>
</tr>
<tr>
<td>Farm Service Agency</td>
<td>7, VII, XVIII</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 4</td>
</tr>
<tr>
<td>Federal Crop Insurance Corporation</td>
<td>7, IV</td>
</tr>
<tr>
<td>Food and Nutrition Service</td>
<td>7, II</td>
</tr>
<tr>
<td>Food Safety and Inspection Service</td>
<td>9, III</td>
</tr>
<tr>
<td>Foreign Agricultural Service</td>
<td>7, XV</td>
</tr>
<tr>
<td>Forest Service</td>
<td>36, II</td>
</tr>
<tr>
<td>Grain Inspection, Packers and Stockyards Administration</td>
<td>7, VIII; 9, II</td>
</tr>
<tr>
<td>Information Resources Management, Office of</td>
<td>7, XXVII</td>
</tr>
<tr>
<td>Inspector General, Office of</td>
<td>7, XXVI</td>
</tr>
<tr>
<td>National Agricultural Library</td>
<td>7, XLI</td>
</tr>
<tr>
<td>National Agricultural Statistics Service</td>
<td>7, XXXVI</td>
</tr>
<tr>
<td>Natural Resources Conservation Service</td>
<td>7, VI</td>
</tr>
<tr>
<td>Operations, Office of</td>
<td>7, XXVIII</td>
</tr>
<tr>
<td>Rural Business-Cooperative Service</td>
<td>7, XVIII, XLII</td>
</tr>
<tr>
<td>Rural Development Administration</td>
<td>7, XLII</td>
</tr>
<tr>
<td>Rural Housing Service</td>
<td>7, XVIII, XXXV</td>
</tr>
<tr>
<td>Rural Telephone Bank</td>
<td>7, XVI</td>
</tr>
<tr>
<td>Rural Utilities Service</td>
<td>7, XVII, XVIII, XLII</td>
</tr>
<tr>
<td>Secretary of Agriculture, Office of</td>
<td>7, Subtitle A</td>
</tr>
<tr>
<td>Transportation, Office of</td>
<td>7, XXXIII</td>
</tr>
<tr>
<td>World Agricultural Outlook Board</td>
<td>7, XXXVIII</td>
</tr>
<tr>
<td>Air Force Department</td>
<td>32, VII</td>
</tr>
<tr>
<td>Federal Acquisition Regulation Supplement</td>
<td>48, 53</td>
</tr>
<tr>
<td>Alcohol, Tobacco and Firearms, Bureau of</td>
<td>27, 1</td>
</tr>
<tr>
<td>AMTRAK</td>
<td>49, VII</td>
</tr>
<tr>
<td>American Battle Monuments Commission</td>
<td>36, IV</td>
</tr>
<tr>
<td>American Indians, Office of the Special Trustee</td>
<td>25, VII</td>
</tr>
<tr>
<td>Animal and Plant Health Inspection Service</td>
<td>7, III; 9, I</td>
</tr>
<tr>
<td>Appalachian Regional Commission</td>
<td>5, IX</td>
</tr>
<tr>
<td>Architectural and Transportation Barriers Compliance Board</td>
<td>36, XI</td>
</tr>
<tr>
<td>Agency</td>
<td>CFR Title, Subtitle or Chapter</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Arctic Research Commission</td>
<td>45, XXIII</td>
</tr>
<tr>
<td>Armed Forces Retirement Home</td>
<td>5, XI</td>
</tr>
<tr>
<td>Arms Control and Disarmament Agency, United States</td>
<td>22, VI</td>
</tr>
<tr>
<td>Army Department</td>
<td>32, V</td>
</tr>
<tr>
<td>Engineers, Corps of</td>
<td>33, II; 36, III</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 51</td>
</tr>
<tr>
<td>Assassination Records Review Board</td>
<td>36, XIV</td>
</tr>
<tr>
<td>Benefits Review Board</td>
<td>20, VII</td>
</tr>
<tr>
<td>Bilingual Education and Minority Languages Affairs, Office of</td>
<td>34, V</td>
</tr>
<tr>
<td>Blind or Severely Disabled, Committee for Purchase From People Who Are</td>
<td>41, 51</td>
</tr>
<tr>
<td>Board for International Broadcasting</td>
<td>22, XIII</td>
</tr>
<tr>
<td>Census Bureau</td>
<td>15, I</td>
</tr>
<tr>
<td>Central Intelligence Agency</td>
<td>32, XIX</td>
</tr>
<tr>
<td>Chief Financial Officer, Office of</td>
<td>7, XXX</td>
</tr>
<tr>
<td>Child Support Enforcement, Office of</td>
<td>45, III</td>
</tr>
<tr>
<td>Children and Families, Administration for</td>
<td>45, II, III, IV, X</td>
</tr>
<tr>
<td>Christopher Columbus Quincentenary Jubilee Commission</td>
<td>45, XXII</td>
</tr>
<tr>
<td>Civil Rights, Commission on</td>
<td>45, VII</td>
</tr>
<tr>
<td>Civil Rights, Office for</td>
<td>34, I</td>
</tr>
<tr>
<td>Coast Guard</td>
<td>33, I; 46, I; 49, IV</td>
</tr>
<tr>
<td>Coast Guard (Great Lakes Pilotage)</td>
<td>46, III</td>
</tr>
<tr>
<td>Commerce Department</td>
<td>44, IV</td>
</tr>
<tr>
<td>Census Bureau</td>
<td>15, I</td>
</tr>
<tr>
<td>Economic Affairs, Under Secretary</td>
<td>37, V</td>
</tr>
<tr>
<td>Economic Analysis, Bureau of</td>
<td>15, VIII</td>
</tr>
<tr>
<td>Economic Development Administration</td>
<td>13, III</td>
</tr>
<tr>
<td>Emergency Management and Assistance</td>
<td>44, IV</td>
</tr>
<tr>
<td>Export Administration, Bureau of</td>
<td>15, VII</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 13</td>
</tr>
<tr>
<td>Fishery Conservation and Management</td>
<td>50, VI</td>
</tr>
<tr>
<td>Foreign-Trade Zones Board</td>
<td>15, IV</td>
</tr>
<tr>
<td>International Trade Administration</td>
<td>15, III; 19, III</td>
</tr>
<tr>
<td>National Institute of Standards and Technology</td>
<td>15, II</td>
</tr>
<tr>
<td>National Marine Fisheries Service</td>
<td>50, II, IV</td>
</tr>
<tr>
<td>National Oceanic and Atmospheric Administration</td>
<td>15, IX; 50, II, III, IV, VI</td>
</tr>
<tr>
<td>National Telecommunications and Information</td>
<td>15, XXIII; 47, III</td>
</tr>
<tr>
<td>Administration</td>
<td>15, I</td>
</tr>
<tr>
<td>National Weather Service</td>
<td>15, I</td>
</tr>
<tr>
<td>Patent and Trademark Office</td>
<td>37, I</td>
</tr>
<tr>
<td>Productivity, Technology and Innovation, Assistant Secretary for</td>
<td>37, IV</td>
</tr>
<tr>
<td>Secretary for Secretary of Commerce, Office of</td>
<td>15, Subtitle A</td>
</tr>
<tr>
<td>Technology, Under Secretary for</td>
<td>37, V</td>
</tr>
<tr>
<td>Technology Administration</td>
<td>15, XI</td>
</tr>
<tr>
<td>Technology Policy, Assistant Secretary for</td>
<td>37, IV</td>
</tr>
<tr>
<td>Commercial Space Transportation</td>
<td>14, III</td>
</tr>
<tr>
<td>Commodity Credit Corporation</td>
<td>7, XIV</td>
</tr>
<tr>
<td>Commodity Futures Trading Commission</td>
<td>5, XLI; 17, I</td>
</tr>
<tr>
<td>Community Planning and Development, Office of Assistant Secretary for</td>
<td>24, V, VI</td>
</tr>
<tr>
<td>Community Services, Office of</td>
<td>45, X</td>
</tr>
<tr>
<td>Comptroller of the Currency</td>
<td>12, I</td>
</tr>
<tr>
<td>Construction Industry Collective Bargaining Commission</td>
<td>29, I</td>
</tr>
<tr>
<td>Consumer Product Safety Commission</td>
<td>5, LXI; 16, II</td>
</tr>
<tr>
<td>Cooperative State Research, Education, and Extension</td>
<td>7, XXXIV</td>
</tr>
<tr>
<td>Copyright Office</td>
<td>37, II</td>
</tr>
<tr>
<td>Corporation for National and Community Service</td>
<td>45, XII, XXV</td>
</tr>
<tr>
<td>Cost Accounting Standards Board</td>
<td>48, 99</td>
</tr>
<tr>
<td>Council on Environmental Quality</td>
<td>40, V</td>
</tr>
<tr>
<td>Customs Service, United States</td>
<td>19, I</td>
</tr>
<tr>
<td>Defense Contract Audit Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Defense Department</td>
<td>5, XXVI; 32, Subtitle A</td>
</tr>
<tr>
<td>Advanced Research Projects Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Air Force Department</td>
<td>32, VII</td>
</tr>
</tbody>
</table>

900
<table>
<thead>
<tr>
<th>Agency</th>
<th>CFR Title, Subtitle or Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Army Department</td>
<td>32, V; 33, II; 36, III, 48,</td>
</tr>
<tr>
<td>Defense Intelligence Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Defense Logistics Agency</td>
<td>32, I, XII; 48, 54</td>
</tr>
<tr>
<td>Engineers, Corps of</td>
<td>33, II; 96, III</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 2</td>
</tr>
<tr>
<td>National Imagery and Mapping Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Navy Department</td>
<td>32, VI; 48, 52</td>
</tr>
<tr>
<td>Secretary of Defense, Office of</td>
<td>32, I</td>
</tr>
<tr>
<td>Defense Contract Audit Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Defense Intelligence Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>Defense Logistics Agency</td>
<td>32, XII; 48, 54</td>
</tr>
<tr>
<td>Defense Nuclear Facilities Safety Board</td>
<td>10, XVIII</td>
</tr>
<tr>
<td>Delaware River Basin Commission</td>
<td>18, III</td>
</tr>
<tr>
<td>Drug Enforcement Administration</td>
<td>21, II</td>
</tr>
<tr>
<td>East-West Foreign Trade Board</td>
<td>15, XIII</td>
</tr>
<tr>
<td>Economic Affairs, Under Secretary</td>
<td>37, V</td>
</tr>
<tr>
<td>Economic Analysis, Bureau of</td>
<td>15, VIII</td>
</tr>
<tr>
<td>Economic Development Administration</td>
<td>13, III</td>
</tr>
<tr>
<td>Economic Research Service</td>
<td>7, XXXII</td>
</tr>
<tr>
<td>Education, Department of</td>
<td>5, LIII</td>
</tr>
<tr>
<td>Bilingual Education and Minority Languages Affairs, Office of</td>
<td>34, V</td>
</tr>
<tr>
<td>Civil Rights, Office for</td>
<td>34, VII</td>
</tr>
<tr>
<td>Educational Research and Improvement, Office of</td>
<td>34, VII</td>
</tr>
<tr>
<td>Elementary and Secondary Education, Office of</td>
<td>34, II</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 34</td>
</tr>
<tr>
<td>Postsecondary Education, Office of</td>
<td>34, VI</td>
</tr>
<tr>
<td>Secretary of Education, Office of</td>
<td>34, Subtitle A</td>
</tr>
<tr>
<td>Special Education and Rehabilitative Services, Office of</td>
<td>34, III</td>
</tr>
<tr>
<td>Vocational and Adult Education, Office of</td>
<td>34, IV</td>
</tr>
<tr>
<td>Educational Research and Improvement, Office of</td>
<td>34, VII</td>
</tr>
<tr>
<td>Elementary and Secondary Education, Office of</td>
<td>34, II</td>
</tr>
<tr>
<td>Employees' Compensation Appeals Board</td>
<td>20, IV</td>
</tr>
<tr>
<td>Employees Loyalty Board</td>
<td>5, V</td>
</tr>
<tr>
<td>Employment and Training Administration</td>
<td>20, V</td>
</tr>
<tr>
<td>Employment Standards Administration</td>
<td>20, VI</td>
</tr>
<tr>
<td>Endangered Species Committee</td>
<td>50, IV</td>
</tr>
<tr>
<td>Energy, Department of</td>
<td>5, XXIII; 10, II, III, X</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 9</td>
</tr>
<tr>
<td>Federal Energy Regulatory Commission</td>
<td>5, XXIV; 18, I</td>
</tr>
<tr>
<td>Property Management Regulations</td>
<td>41, 109</td>
</tr>
<tr>
<td>Energy, Office of</td>
<td>7, XXXI</td>
</tr>
<tr>
<td>Engineers, Corps of</td>
<td>33, II; 36, III</td>
</tr>
<tr>
<td>Engraving and Printing, Bureau of</td>
<td>31, VI</td>
</tr>
<tr>
<td>Environmental Protection Agency</td>
<td>5, LIV; 40, I</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 15</td>
</tr>
<tr>
<td>Property Management Regulations</td>
<td>41, 115</td>
</tr>
<tr>
<td>Environmental Quality, Office of</td>
<td>7, XXXI</td>
</tr>
<tr>
<td>Equal Employment Opportunity Commission</td>
<td>5, LXXII; 29, XIV</td>
</tr>
<tr>
<td>Equal Opportunity, Office of Assistant Secretary for</td>
<td>24, I</td>
</tr>
<tr>
<td>Executive Office of the President</td>
<td>3, I</td>
</tr>
<tr>
<td>Administration, Office of</td>
<td>5, XV</td>
</tr>
<tr>
<td>Environmental Quality, Council on</td>
<td>40, V</td>
</tr>
<tr>
<td>Management and Budget, Office of</td>
<td>25, III, LXXVII; 48, 99</td>
</tr>
<tr>
<td>National Drug Control Policy, Office of</td>
<td>21, III</td>
</tr>
<tr>
<td>National Security Council</td>
<td>32, XXII; 47, 2</td>
</tr>
<tr>
<td>Presidential Documents</td>
<td>3</td>
</tr>
<tr>
<td>Science and Technology Policy, Office of</td>
<td>32, XXIV; 47, II</td>
</tr>
<tr>
<td>Trade Representative, Office of the United States</td>
<td>15, XX</td>
</tr>
<tr>
<td>Export Administration, Bureau of</td>
<td>15, VII</td>
</tr>
<tr>
<td>Export-Import Bank of the United States</td>
<td>5, LIII; 12, IV</td>
</tr>
<tr>
<td>Family Assistance, Office of</td>
<td>45, II</td>
</tr>
<tr>
<td>Farm Credit Administration</td>
<td>5, XXXI; 12, VI</td>
</tr>
<tr>
<td>Farm Credit System Insurance Corporation</td>
<td>5, XXX; 12, XIV</td>
</tr>
<tr>
<td>Farm Service Agency</td>
<td>7, VII, XVIII</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 1</td>
</tr>
<tr>
<td>Agency</td>
<td>CFR Title, Subtitle or Chapter</td>
</tr>
<tr>
<td>-----------------------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Federal Aviation Administration</td>
<td>14, I</td>
</tr>
<tr>
<td>Commercial Space Transportation</td>
<td>14, III</td>
</tr>
<tr>
<td>Federal Claims Collection Standards</td>
<td>4, II</td>
</tr>
<tr>
<td>Federal Communications Commission</td>
<td>5, XXIX; 47, I</td>
</tr>
<tr>
<td>Federal Contract Compliance Programs, Office of</td>
<td>41, 60</td>
</tr>
<tr>
<td>Federal Crop Insurance Corporation</td>
<td>7, IV</td>
</tr>
<tr>
<td>Federal Deposit Insurance Corporation</td>
<td>5, XXII; 12, III</td>
</tr>
<tr>
<td>Federal Election Commission</td>
<td>11, I</td>
</tr>
<tr>
<td>Federal Emergency Management Agency</td>
<td>44, I</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 44</td>
</tr>
<tr>
<td>Federal Employees Group Life Insurance</td>
<td>Federal Acquisition Regulation</td>
</tr>
<tr>
<td>Federal Employees Health Benefits Acquisition Regulation</td>
<td>48, 16</td>
</tr>
<tr>
<td>Federal Energy Regulatory Commission</td>
<td>5, XXIV; 18, I</td>
</tr>
<tr>
<td>Federal Financial Institutions Examination Council</td>
<td>12, XI</td>
</tr>
<tr>
<td>Federal Financing Bank</td>
<td>12, VIII</td>
</tr>
<tr>
<td>Federal Highway Administration</td>
<td>23, I, III; 49, III</td>
</tr>
<tr>
<td>Federal Home Loan Mortgage Corporation</td>
<td>1, IV</td>
</tr>
<tr>
<td>Federal Housing Enterprise Oversight Office</td>
<td>12, XVII</td>
</tr>
<tr>
<td>Federal Housing Finance Board</td>
<td>12, IX</td>
</tr>
<tr>
<td>Federal Labor Relations Authority, and General Counsel of the Federal Labor Relations Authority</td>
<td>5, XIV; 22, XIV</td>
</tr>
<tr>
<td>Federal Law Enforcement Training Center</td>
<td>31, VII</td>
</tr>
<tr>
<td>Federal Maritime Commission</td>
<td>46, I</td>
</tr>
<tr>
<td>Federal Mediation and Conciliation Service</td>
<td>29, XII</td>
</tr>
<tr>
<td>Federal Mine Safety and Health Review Commission</td>
<td>5, LXXIV; 29, XXVII</td>
</tr>
<tr>
<td>Federal Pay, Advisory Committee on</td>
<td>5, IV</td>
</tr>
<tr>
<td>Federal Prison Industries, Inc.</td>
<td>28, III</td>
</tr>
<tr>
<td>Federal Procurement Policy Office</td>
<td>48, 99</td>
</tr>
<tr>
<td>Federal Property Management Regulations</td>
<td>41, 101</td>
</tr>
<tr>
<td>Federal Property Management Regulations System</td>
<td>41, Subtitle C</td>
</tr>
<tr>
<td>Federal Railroad Administration</td>
<td>49, II</td>
</tr>
<tr>
<td>Federal Register, Administrative Committee of the Federal Labor Relations Authority</td>
<td>1, I</td>
</tr>
<tr>
<td>Federal Register, Office of</td>
<td>1, II</td>
</tr>
<tr>
<td>Federal Reserve System</td>
<td>12, II</td>
</tr>
<tr>
<td>Board of Governors</td>
<td>5, LVIII</td>
</tr>
<tr>
<td>Federal Retirement Thrift Investment Board</td>
<td>5, VI, LXXVI</td>
</tr>
<tr>
<td>Federal Service Impasses Panel</td>
<td>5, XIV</td>
</tr>
<tr>
<td>Federal Tax Commission</td>
<td>5, XLVII; 16, I</td>
</tr>
<tr>
<td>Federal Transit Administration</td>
<td>49, VI</td>
</tr>
<tr>
<td>Federal Travel Regulation System</td>
<td>41, Subtitle F</td>
</tr>
<tr>
<td>Fine Arts, Commission on</td>
<td>45, XXI</td>
</tr>
<tr>
<td>Fiscal Service</td>
<td>31, II</td>
</tr>
<tr>
<td>Fish and Wildlife Service, United States</td>
<td>50, I, IV</td>
</tr>
<tr>
<td>Fishery Conservation and Management</td>
<td>50, VI</td>
</tr>
<tr>
<td>Food and Drug Administration</td>
<td>21, I</td>
</tr>
<tr>
<td>Food and Nutrition Service</td>
<td>7, II</td>
</tr>
<tr>
<td>Food Safety and Inspection Service</td>
<td>9, III</td>
</tr>
<tr>
<td>Foreign Agricultural Service</td>
<td>7, XV</td>
</tr>
<tr>
<td>Foreign Assets Control, Office of</td>
<td>31, V</td>
</tr>
<tr>
<td>Foreign Claiims Settlement Commission of the United States</td>
<td>45, V</td>
</tr>
<tr>
<td>Foreign Service Grievance Board</td>
<td>22, 1X</td>
</tr>
<tr>
<td>Foreign Service Impasses Disputes Panel</td>
<td>22, XIV</td>
</tr>
<tr>
<td>Foreign Service Labor Relations Board</td>
<td>22, XIV</td>
</tr>
<tr>
<td>Foreign-Trade Zones Board</td>
<td>15, IV</td>
</tr>
<tr>
<td>Forest Service</td>
<td>36, II</td>
</tr>
<tr>
<td>General Accounting Office</td>
<td>4, I, II</td>
</tr>
<tr>
<td>General Services Administration</td>
<td>5, LVII</td>
</tr>
<tr>
<td>Contract Appeals, Board of</td>
<td>48, 61</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 5</td>
</tr>
<tr>
<td>Federal Property Management Regulations System</td>
<td>41, 101, 105</td>
</tr>
<tr>
<td>Federal Travel Regulation System</td>
<td>41, Subtitle F</td>
</tr>
<tr>
<td>General Payment From a Non-Federal Source for Travel Expenses</td>
<td>41, 304</td>
</tr>
<tr>
<td>Payment of Expenses Connected With the Death of Certain Employees</td>
<td>41, 303</td>
</tr>
<tr>
<td>Relocation Allowances</td>
<td>41, 302</td>
</tr>
<tr>
<td>Agency</td>
<td>CFR Title, Subtitle or Chapter</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Temporary Duty (TDY) Travel Allowances</td>
<td>41, 301</td>
</tr>
<tr>
<td>Geological Survey</td>
<td>30, 1V</td>
</tr>
<tr>
<td>Government Ethics, Office of</td>
<td>5, XVI</td>
</tr>
<tr>
<td>Government National Mortgage Association</td>
<td>24, 114</td>
</tr>
<tr>
<td>Grain Inspection, Packers and Stockyards Administration</td>
<td>7, VIII; 9, 11</td>
</tr>
<tr>
<td>Great Lakes Pilotage</td>
<td>46, 114</td>
</tr>
<tr>
<td>Harry S. Truman Scholarship Foundation</td>
<td>45, XVIII</td>
</tr>
<tr>
<td>Health and Human Services, Department of</td>
<td>5, XLV; 45, Subtitle A</td>
</tr>
<tr>
<td>Child Support Enforcement, Office of</td>
<td>45, 114</td>
</tr>
<tr>
<td>Children and Families, Administration for</td>
<td>45, II, III, IV, X</td>
</tr>
<tr>
<td>Community Services, Office of</td>
<td>45, X</td>
</tr>
<tr>
<td>Family Assistance, Office of</td>
<td>45, 114</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 3</td>
</tr>
<tr>
<td>Food and Drug Administration</td>
<td>21, 1</td>
</tr>
<tr>
<td>Health Care Financing Administration</td>
<td>42, 114</td>
</tr>
<tr>
<td>Human Development Services, Office of</td>
<td>45, XIII</td>
</tr>
<tr>
<td>Indian Health Service</td>
<td>25, 1V</td>
</tr>
<tr>
<td>Inspector General (Health Care), Office of</td>
<td>42, 114</td>
</tr>
<tr>
<td>Public Health Service</td>
<td>42, 1</td>
</tr>
<tr>
<td>Refugee Resettlement, Office of</td>
<td>45, 114</td>
</tr>
<tr>
<td>Health Care Financing Administration</td>
<td>42, 114</td>
</tr>
<tr>
<td>Housing and Urban Development, Department of</td>
<td>5, LXV; 24, Subtitle B</td>
</tr>
<tr>
<td>Community Planning and Development, Office of Assistant Secretary for</td>
<td>24, V, VI</td>
</tr>
<tr>
<td>Equal Opportunity, Office of Assistant Secretary for</td>
<td>24, 1</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 114</td>
</tr>
<tr>
<td>Federal Housing Enterprise Oversight, Office of</td>
<td>12, XVII</td>
</tr>
<tr>
<td>Government National Mortgage Association</td>
<td>24, 114</td>
</tr>
<tr>
<td>Housing—Federal Housing Commissioner, Office of Assistant Secretary</td>
<td>24, II, VIII, X, XX</td>
</tr>
<tr>
<td>Inspector General, Office of</td>
<td>24, XII</td>
</tr>
<tr>
<td>Multifamily Housing Assistance Restructuring Office</td>
<td>24, 114</td>
</tr>
<tr>
<td>Public and Indian Housing, Office of Assistant Secretary for</td>
<td>24, 1X</td>
</tr>
<tr>
<td>Secretary, Office of</td>
<td>24, Subtitle A, VII</td>
</tr>
<tr>
<td>Housing—Federal Housing Commissioner, Office of Assistant Secretary</td>
<td>24, II, VIII, X, XX</td>
</tr>
<tr>
<td>Secretary for Human Development Services, Office of</td>
<td>45, XIII</td>
</tr>
<tr>
<td>Immigration and Naturalization Service</td>
<td>8, 1</td>
</tr>
<tr>
<td>Independent Counsel, Office of</td>
<td>26, VII</td>
</tr>
<tr>
<td>Indian Affairs, Bureau of</td>
<td>25, 1V</td>
</tr>
<tr>
<td>Indian Affairs, Office of the Assistant Secretary</td>
<td>25, VI</td>
</tr>
<tr>
<td>Indian Arts and Crafts Board</td>
<td>25, II</td>
</tr>
<tr>
<td>Indian Health Service</td>
<td>25, V</td>
</tr>
<tr>
<td>Information Agency, United States</td>
<td>22, 1V</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 114</td>
</tr>
<tr>
<td>Information Resources Management, Office of</td>
<td>7, XXVII</td>
</tr>
<tr>
<td>Information Security Oversight Office, National Archives and Records Administration</td>
<td>32, XX</td>
</tr>
<tr>
<td>Inspector General</td>
<td></td>
</tr>
<tr>
<td>Agriculture Department</td>
<td>7, XXVI</td>
</tr>
<tr>
<td>Health and Human Services Department</td>
<td>42, 1V</td>
</tr>
<tr>
<td>Housing and Urban Development Department</td>
<td>24, XII</td>
</tr>
<tr>
<td>Institute of Peace, United States</td>
<td>22, XVII</td>
</tr>
<tr>
<td>Inter-American Foundation</td>
<td>5, LXIII; 22, X</td>
</tr>
<tr>
<td>Intergovernmental Relations, Advisory Commission on</td>
<td>5, VII</td>
</tr>
<tr>
<td>Interior Department</td>
<td></td>
</tr>
<tr>
<td>American Indians, Office of the Special Trustee</td>
<td>25, VII</td>
</tr>
<tr>
<td>Endangered Species Committee</td>
<td>50, 1V</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 14</td>
</tr>
<tr>
<td>Federal Property Management Regulations System</td>
<td>41, 114</td>
</tr>
<tr>
<td>Fish and Wildlife Service, United States</td>
<td>50, 1, IV</td>
</tr>
<tr>
<td>Geological Survey</td>
<td>30, 1V</td>
</tr>
<tr>
<td>Indian Affairs, Bureau of</td>
<td>25, 1V</td>
</tr>
<tr>
<td>Indian Affairs, Office of the Assistant Secretary</td>
<td>25, VI</td>
</tr>
<tr>
<td>Indian Arts and Crafts Board</td>
<td>25, II</td>
</tr>
<tr>
<td>Land Management, Bureau of</td>
<td>43, 11</td>
</tr>
<tr>
<td>Minerals Management Service</td>
<td>30, 11</td>
</tr>
</tbody>
</table>
Agency

Mines, Bureau of 30, VI
National Indian Gaming Commission 25, III
National Park Service 36, I
Reclamation, Bureau of 43, I
Secretary of the Interior, Office of 43, Subtitle A
Surface Mining and Reclamation Appeals, Board of 30, III
Surface Mining Reclamation and Enforcement, Office of 30, VII
Internal Revenue Service 26, I
International Boundary and Water Commission, United States and Mexico, United States Section 22, XI
International Development, United States Agency for 22, II
International Development Cooperation Agency, United States 22, XII
International Development, United States Agency for 22, II; 48, 7
Overseas Private Investment Corporation 5, XXXIII; 22, VII
International Fishing and Related Activities 5, II
International Investment, Office of 31, VIII
International Joint Commission, United States and Canada 22, IV
International Trade Administration 15, III; 19, III
International Trade Commission, United States 19, II
Interstate Commerce Commission 5, XL
James Madison Memorial Fellowship Foundation 45, XXIV
Japan-United States Friendship Commission 22, XVI
Joint Board for the Enrollment of Actuaries 20, VIII
Justice Department 5, XXVIII; 28, I
Drug Enforcement Administration 21, II
Federal Acquisition Regulation 48, 7
Federal Claims Collection Standards 4, II
Federal Prison Industries, Inc. 28, V
Property Management Regulations 41, 128
Labor Department 5, XLIII
Benefits Review Board 20, VII
Employees' Compensation Appeals Board 20, IV
Employment and Training Administration 20, V
Employment Standards Administration 20, VI
Federal Acquisition Regulation 48, 29
Federal Contract Compliance Programs, Office of 41, 60
Federal Procurement Regulations System 41, 50
Labor-Management Standards, Office of 29, II, IV
Mine Safety and Health Administration 30, I
Occupational Safety and Health Administration 29, XVII
Pension and Welfare Benefits Administration 29, XXV
Public Contracts 41, 50
Secretary of Labor, Office of 29, Subtitle A
Wage and Hour Division 29, V
Workers' Compensation Programs, Office of 20, I
Labor-Management Standards, Office of 29, II, IV
Land Management, Bureau of 43, II
Legal Services Corporation 46, XVII
Library of Congress 36, VII
Copyright Office 37, II
Management and Budget, Office of 5, III, LXXVII; 48, 99
Marine Mammal Commission 50, V
Maritime Administration 46, II
Merit Systems Protection Board 5, II
Micronesian Status Negotiations, Office for 32, XXVII
Mine Safety and Health Administration 30, I
Minerals Management Service 30, II
<table>
<thead>
<tr>
<th>Agency</th>
<th>CFR Title, Subtitle or Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mines, Bureau of</td>
<td>30, VI</td>
</tr>
<tr>
<td>Minority Business Development Agency</td>
<td>15, XIV</td>
</tr>
<tr>
<td>Miscellaneous Agencies</td>
<td>1, IV</td>
</tr>
<tr>
<td>Monetary Offices</td>
<td>31, I</td>
</tr>
<tr>
<td>Multifamily Housing Assistance Restructuring Office</td>
<td>24, IV</td>
</tr>
<tr>
<td>National Aeronautics and Space Administration</td>
<td>5, LXIX; 14, V</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 18</td>
</tr>
<tr>
<td>National Agricultural Library</td>
<td>7, XLI</td>
</tr>
<tr>
<td>National Agricultural Statistics Service</td>
<td>7, XXXVI</td>
</tr>
<tr>
<td>National Archives and Records Administration</td>
<td>5, LXVI; 36, XII</td>
</tr>
<tr>
<td>Information Security Oversight Office</td>
<td>32, XX</td>
</tr>
<tr>
<td>National Bureau of Standards</td>
<td>15, II</td>
</tr>
<tr>
<td>National Capital Planning Commission</td>
<td>1, IV</td>
</tr>
<tr>
<td>National Commission for Employment Policy</td>
<td>1, IV</td>
</tr>
<tr>
<td>National Commission on Libraries and Information Science</td>
<td>45, XVII</td>
</tr>
<tr>
<td>National and Community Service, Corporation for</td>
<td>45, XII, XXV</td>
</tr>
<tr>
<td>National Council on Disability</td>
<td>34, XII</td>
</tr>
<tr>
<td>National Credit Union Administration</td>
<td>12, VII</td>
</tr>
<tr>
<td>National Drug Control Policy, Office of</td>
<td>21, III</td>
</tr>
<tr>
<td>National Foundation on the Arts and the Humanities</td>
<td>45, XI</td>
</tr>
<tr>
<td>National Highway Traffic Safety Administration</td>
<td>23, II, III; 49, V</td>
</tr>
<tr>
<td>National Imagery and Mapping Agency</td>
<td>32, I</td>
</tr>
<tr>
<td>National Indian Gaming Commission</td>
<td>25, III</td>
</tr>
<tr>
<td>National Institute for Literacy</td>
<td>34, XI</td>
</tr>
<tr>
<td>National Institute of Standards and Technology</td>
<td>15, II</td>
</tr>
<tr>
<td>National Labor Relations Board</td>
<td>5, LXI; 29, I</td>
</tr>
<tr>
<td>National Marine Fisheries Service</td>
<td>50, II, IV, VI</td>
</tr>
<tr>
<td>National Mediation Board</td>
<td>29, X</td>
</tr>
<tr>
<td>National Oceanic and Atmospheric Administration</td>
<td>15, I; 50, II, III, IV, VI</td>
</tr>
<tr>
<td>National Park Service</td>
<td>36, I</td>
</tr>
<tr>
<td>National Railroad Adjustment Board</td>
<td>29, III</td>
</tr>
<tr>
<td>National Railroad Passenger Corporation (AMTRAK)</td>
<td>49, VII</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>5, XLIII; 45, VI</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 25</td>
</tr>
<tr>
<td>National Security Council</td>
<td>32, XXI</td>
</tr>
<tr>
<td>National Security Council and Office of Science and Technology Policy</td>
<td>47, II</td>
</tr>
<tr>
<td>National Telecommunications and Information Administration</td>
<td>15, XXIII; 47, III</td>
</tr>
<tr>
<td>National Transportation Safety Board</td>
<td>49, VIII</td>
</tr>
<tr>
<td>National Weather Service</td>
<td>15, IX</td>
</tr>
<tr>
<td>Natural Resources Conservation Service</td>
<td>7, VI</td>
</tr>
<tr>
<td>Navajo and Hopi Indian Relocation, Office of</td>
<td>25, IV</td>
</tr>
<tr>
<td>Navy Department</td>
<td>32, VI</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 52</td>
</tr>
<tr>
<td>Neighborhood Reinvestment Corporation</td>
<td>24, XXV</td>
</tr>
<tr>
<td>Northeast Dairy Compact Commission</td>
<td>7, X III</td>
</tr>
<tr>
<td>Nuclear Regulatory Commission</td>
<td>5, XLVIII; 10, I</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 20</td>
</tr>
<tr>
<td>Occupational Safety and Health Administration</td>
<td>29, XVII</td>
</tr>
<tr>
<td>Occupational Safety and Health Review Commission</td>
<td>29, X</td>
</tr>
<tr>
<td>Offices of Independent Counsel</td>
<td>28, VI</td>
</tr>
<tr>
<td>Operations Office</td>
<td>7, XXVIII</td>
</tr>
<tr>
<td>Overseas Private Investment Corporation</td>
<td>5, XXXIII; 22, VII</td>
</tr>
<tr>
<td>Panama Canal Commission</td>
<td>48, 35</td>
</tr>
<tr>
<td>Panama Canal Regulations</td>
<td>35, I</td>
</tr>
<tr>
<td>Patent and Trademark Office</td>
<td>37, I</td>
</tr>
<tr>
<td>Payment From a Non-Federal Source for Travel Expenses</td>
<td>41, 304</td>
</tr>
<tr>
<td>Payment of Expenses Connected With the Death of Certain Employees</td>
<td>41, 303</td>
</tr>
<tr>
<td>Peace Corps</td>
<td>22, III</td>
</tr>
<tr>
<td>Pennsylvania Avenue Development Corporation</td>
<td>36, I</td>
</tr>
<tr>
<td>Pension and Welfare Benefits Administration</td>
<td>29, XXV</td>
</tr>
<tr>
<td>Pension Benefit Guaranty Corporation</td>
<td>29, XL</td>
</tr>
<tr>
<td>Personnel Management, Office of</td>
<td>5, I; XXXV; 45, VIII</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 17</td>
</tr>
<tr>
<td>Agency</td>
<td>CFR Title, Subtitle or Chapter</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Federal Employees Group Life Insurance Federal Acquisition Regulation</td>
<td>48, 21</td>
</tr>
<tr>
<td>Federal Employees Health Benefits Acquisition Regulation</td>
<td>48, 16</td>
</tr>
<tr>
<td>Postal Rate Commission</td>
<td>5, XLVI; 39, 111</td>
</tr>
<tr>
<td>Postal Service, United States</td>
<td>5, LX; 39, 1</td>
</tr>
<tr>
<td>Postsecondary Education, Office of</td>
<td>34, VI</td>
</tr>
<tr>
<td>President's Commission on White House Fellowships</td>
<td>1, IV</td>
</tr>
<tr>
<td>Presidential Commission on the Assignment of Women in the Armed Forces</td>
<td>32, XXIX</td>
</tr>
<tr>
<td>Presidential Documents</td>
<td>3</td>
</tr>
<tr>
<td>Prisons, Bureau of</td>
<td>28, V</td>
</tr>
<tr>
<td>Productivity, Technology and Innovation, Assistant Secretary</td>
<td>37, IV</td>
</tr>
<tr>
<td>Public Contracts, Department of Labor</td>
<td>41, 50</td>
</tr>
<tr>
<td>Public and Indian Housing, Office of Assistant Secretary for</td>
<td>24, IX</td>
</tr>
<tr>
<td>Public Health Service</td>
<td>42, 1</td>
</tr>
<tr>
<td>Railroad Retirement Board</td>
<td>20, 11</td>
</tr>
<tr>
<td>Reclamation, Bureau of</td>
<td>43, 1</td>
</tr>
<tr>
<td>Refugee Resettlement, Office of</td>
<td>45, 1V</td>
</tr>
<tr>
<td>Regional Action Planning Commissions</td>
<td>13, V</td>
</tr>
<tr>
<td>Relocation Allowances</td>
<td>41, 302</td>
</tr>
<tr>
<td>Research and Special Programs Administration</td>
<td>49, 1</td>
</tr>
<tr>
<td>Rural Business-Cooperative Service</td>
<td>7, XVIII, XLII</td>
</tr>
<tr>
<td>Rural Development Administration</td>
<td>7, XLIII</td>
</tr>
<tr>
<td>Rural Housing Service</td>
<td>7, XVIII, XXXV</td>
</tr>
<tr>
<td>Rural Telephone Bank</td>
<td>7, XVI</td>
</tr>
<tr>
<td>Rural Utilities Service</td>
<td>7, XVII, XVIII, XLII</td>
</tr>
<tr>
<td>Saint Lawrence Seaway Development Corporation</td>
<td>33, IV</td>
</tr>
<tr>
<td>Science and Technology Policy, Office of</td>
<td>32, XXIV</td>
</tr>
<tr>
<td>Science and Technology Policy, Office of, and National Security Council</td>
<td>47, II</td>
</tr>
<tr>
<td>Secret Service</td>
<td>31, IV</td>
</tr>
<tr>
<td>Securities and Exchange Commission</td>
<td>17, II</td>
</tr>
<tr>
<td>Selective Service System</td>
<td>32, XVI</td>
</tr>
<tr>
<td>Small Business Administration</td>
<td>13, I</td>
</tr>
<tr>
<td>Smithsonian Institution</td>
<td>36, V</td>
</tr>
<tr>
<td>Social Security Administration</td>
<td>20, 11; 48, 23</td>
</tr>
<tr>
<td>Soldiers' and Airmen's Home, United States</td>
<td>5, XI</td>
</tr>
<tr>
<td>Special Counsel, Office of</td>
<td>5, VIII</td>
</tr>
<tr>
<td>Special Education and Rehabilitative Services, Office of</td>
<td>34, 111</td>
</tr>
<tr>
<td>State Department</td>
<td>22, 1</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 6</td>
</tr>
<tr>
<td>Surface Mining and Reclamation Appeals, Board of</td>
<td>30, 111</td>
</tr>
<tr>
<td>Surface Mining Reclamation and Enforcement, Office of</td>
<td>30, VII</td>
</tr>
<tr>
<td>Surface Transportation Board</td>
<td>49, X</td>
</tr>
<tr>
<td>Susquehanna River Basin Commission</td>
<td>18, VIII</td>
</tr>
<tr>
<td>Technology Administration</td>
<td>15, XI</td>
</tr>
<tr>
<td>Technology Policy, Assistant Secretary for</td>
<td>37, 1V</td>
</tr>
<tr>
<td>Technology, Under Secretary for</td>
<td>37, V</td>
</tr>
<tr>
<td>Tennessee Valley Authority</td>
<td>5, LXIX; 18, XIII</td>
</tr>
<tr>
<td>Thrift Depositor Protection Oversight Board</td>
<td>12, XI</td>
</tr>
<tr>
<td>Thrift Supervision Office, Department of the Treasury</td>
<td>12, V</td>
</tr>
<tr>
<td>Trade Representative, United States, Office of</td>
<td>15, XX</td>
</tr>
<tr>
<td>Transportation, Department of</td>
<td>5, L</td>
</tr>
<tr>
<td>Coast Guard</td>
<td>33, 11; 46, 1; 49, 1V</td>
</tr>
<tr>
<td>Coast Guard (Great Lakes Pilotage)</td>
<td>46, 111</td>
</tr>
<tr>
<td>Commercial Space Transportation</td>
<td>14, 111</td>
</tr>
<tr>
<td>Contract Appeals, Board of</td>
<td>48, 63</td>
</tr>
<tr>
<td>Emergency Management and Assistance</td>
<td>44, 12</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>14, 12</td>
</tr>
<tr>
<td>Federal Aviation Administration</td>
<td>14, 12</td>
</tr>
<tr>
<td>Federal Highway Administration</td>
<td>23, 1, 11; 49, 11</td>
</tr>
<tr>
<td>Federal Railroad Administration</td>
<td>49, 11</td>
</tr>
<tr>
<td>Federal Transit Administration</td>
<td>49, 11</td>
</tr>
<tr>
<td>Maritime Administration</td>
<td>46, 11</td>
</tr>
<tr>
<td>National Highway Traffic Safety Administration</td>
<td>23, 11, 11; 49, 5</td>
</tr>
<tr>
<td>Research and Special Programs Administration</td>
<td>49, 11</td>
</tr>
<tr>
<td>Agency</td>
<td>CFR Title, Subtitle or Chapter</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Saint Lawrence Seaway Development Corporation</td>
<td>33, IV</td>
</tr>
<tr>
<td>Secretary of Transportation, Office of</td>
<td>14, II; 49, Subtitle A</td>
</tr>
<tr>
<td>Surface Transportation Board</td>
<td>49, X</td>
</tr>
<tr>
<td>Transportation, Office of</td>
<td>7, XXXIII</td>
</tr>
<tr>
<td>Travel Allowances, Temporary Duty (TDY)</td>
<td>41, 301</td>
</tr>
<tr>
<td>Treasury Department</td>
<td>5, XXI; 17, IV</td>
</tr>
<tr>
<td>Alcohol, Tobacco and Firearms, Bureau of</td>
<td>27, I</td>
</tr>
<tr>
<td>Community Development Financial Institutions Fund</td>
<td>12, XVIII</td>
</tr>
<tr>
<td>Comptroller of the Currency</td>
<td>12, I</td>
</tr>
<tr>
<td>Customs Service, United States</td>
<td>19, I</td>
</tr>
<tr>
<td>Engraving and Printing, Bureau of</td>
<td>31, VI</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 10</td>
</tr>
<tr>
<td>Federal Law Enforcement Training Center</td>
<td>31, VII</td>
</tr>
<tr>
<td>Fiscal Service</td>
<td>31, II</td>
</tr>
<tr>
<td>Foreign Assets Control, Office of</td>
<td>31, V</td>
</tr>
<tr>
<td>Internal Revenue Service</td>
<td>26, I</td>
</tr>
<tr>
<td>International Investment, Office of</td>
<td>31, VIII</td>
</tr>
<tr>
<td>Monetary Offices</td>
<td>31, I</td>
</tr>
<tr>
<td>Secret Service</td>
<td>31, IV</td>
</tr>
<tr>
<td>Secretary of the Treasury, Office of</td>
<td>31, Subtitle A</td>
</tr>
<tr>
<td>Thrift Supervision, Office of</td>
<td>12, V</td>
</tr>
<tr>
<td>Truman, Harry S. Scholarship Foundation</td>
<td>45, XVIII</td>
</tr>
<tr>
<td>United States and Canada, International Joint Commission</td>
<td>22, IV</td>
</tr>
<tr>
<td>United States and Mexico, International Boundary and Water Commission, United States Section</td>
<td>22, XI</td>
</tr>
<tr>
<td>Utah Reclamation Mitigation and Conservation Commission</td>
<td>43, III</td>
</tr>
<tr>
<td>Veterans Affairs Department</td>
<td>38, I</td>
</tr>
<tr>
<td>Federal Acquisition Regulation</td>
<td>48, 8</td>
</tr>
<tr>
<td>Veterans' Employment and Training, Office of the Assistant Secretary for</td>
<td>41, 60; 20, IX</td>
</tr>
<tr>
<td>Vice President of the United States, Office of</td>
<td>32, XXVIII</td>
</tr>
<tr>
<td>Vocational and Adult Education, Office of</td>
<td>34, IV</td>
</tr>
<tr>
<td>Wage and Hour Division</td>
<td>29, V</td>
</tr>
<tr>
<td>Water Resources Council</td>
<td>18, VI</td>
</tr>
<tr>
<td>Workers' Compensation Programs, Office of</td>
<td>20, I</td>
</tr>
<tr>
<td>World Agricultural Outlook Board</td>
<td>7, XXXVIII</td>
</tr>
</tbody>
</table>
List of CFR Sections Affected

All changes in this volume of the Code of Federal Regulations which were made by documents published in the Federal Register since January 1, 1986, are enumerated in the following list. Entries indicate the nature of the changes effected. Page numbers refer to Federal Register pages. The user should consult the entries for chapters and parts as well as sections for revisions.


50 CFR (Subpart L)

Chapter I

10.22 Amended..............................23551
17.11 (h) table amended..................6960, 30850, 10857, 10864, 16047, 16482, 17980, 23781, 27495, 31422, 39478, 41796, 45910
(h) table amended; eff. 10-27-86
........................................34412, 34425
17.12 (h) table amended...................956, 3105, 6693, 8663, 9820, 10521, 10523, 15906, 15911, 16530, 17346, 17974, 17977, 22524, 23769, 24672, 24675, 27500, 45907
(h) table amended; eff. 10-27-86
........................................34412, 34419, 34422
17.40 (b) revised.............................33759
17.44 (n) added...............................18664
(o) added....................................16047
(p) added....................................23781
(g) added....................................39478
17.84 (c) added...............................41797
17.95 (e) amended.........................10850, 10857, 10864, 16047
(e) corrected............................18451
18.11 Introductory text revised...........17981
18.13 (c) redesignated as (d); (b)
revised; new (c) added..................17981
18.14 (c) amended.............................17981
18.22 Heading revised; (a) and
(b)(6) undesignated text amended........17981
18.23 Heading, (a) introductory
text and (1) revised; (b) intro-
ductive text and (2) amended...........17981
50 CFR—Continued

Chapter I—Continued

18.26 (b) amended.........................17981
20 Frameworks.......................26715, 28950, 32460
Authority citation revised; section
authority citations removed..............30648
20.101 Seasonal hunting adjust-
ments........................................30648
20.102 Seasonal hunting adjust-
ments........................................30649
20.103 Seasonal hunting adjust-
ments........................................30649
20.104 Seasonal hunting adjust-
ments........................................30651, 34626
20.105 Seasonal hunting adjust-
ments........................................30652, 34628
20.106 Seasonal hunting adjust-
ments........................................30654, 34626, 34638
Seasonal hunting adjustments
corrected.....................................41508
20.107 Seasonal hunting adjust-
ments........................................34639
20.108 Revised.............................31444
20.109 Seasonal hunting adjust-
ments........................................30654, 34639
20.110 Seasonal hunting adjust-
ments........................................30654, 34639
20.134 Revised.............................42100
20.140–20.143 (Subpart M)
20.140 Added................................42107
23.23 (f) table amended...............32478
(d) and (f) table amended..............34643
(f) table amended..........................44480
23.57 (g) added.............................31132
25.11 (a) revised...........................7574
25.12 (a) amended...........................7574
List of CFR Sections Affected

50 CFR—Continued

Chapter I—Continued

(h)(6)(iv) and (kk)(3)(ii)(1) correctly designated; (a)(2)(iv) corrected
----------------------------------
33.41 Authority citation removed
Table revised (OMB numbers)
----------------------------------
33 Authority citation removed
33.4 Amended; authority citation removed
36 Authority citation revised
36.2 (h) amended
(h) corrected
36.15 (a) (1) and (2) revised; (a)(3) added
36.21—36.24 Removed; eff. 10±6±86
----------------------------------
36.21 (e) revised
36.39 (Subpart E) Added
36.41—36.42 (Subpart E) Redesignated as Subpart F and heading revised
36.41—36.42 (Subpart F) Redesignated from Subpart E and heading revised
36.41 (a)(1) revised
91.12 Amended
91.13 Amended
91.14 Amended
91.17 Amended
91.31 Amended
96 Removed
1987

50 CFR

Chapter I

14 Authority citation revised
14.81—14.82 (Subpart H) Revised
14.83 Removed
14.101—14.204 (Subpart J)
Added
14.103 Corrected
14.105 (a) corrected
17.12 (h) table amended
17.42 (d) added
17.95 (e) map correctly revised
17.96 (a) amended
17 Classification review

50 CFR—Continued

Chapter I—Continued

(h) table amended
17.11
----------------------------------
17.11 (h) table amended
17.12 (h) table amended
(h) table amended; eff. 10±16±87
----------------------------------
17.12 (h) table amended
(h) table amended; eff. 10±19±87
----------------------------------
17.12 (h) table amended
(h) table amended; eff. 11±2±87
----------------------------------
17.12 (h) table amended
17.42 (a) revised
14.36498
17.44 (r) added
(r) correctly designated
17.84 (d) added
17.95 (e) amended
(b) amended
(b) (10) and (11) maps correctly republished
17.95 (e) amended; eff. 10±16±87
17.95 (e) amended; eff. 10±26±87
17.95 (e) corrected

20 Frameworks
20.101 Seasonal hunting adjustments
20.102 Seasonal hunting adjustments
20.103 Seasonal hunting adjustments
20.104 Seasonal hunting adjustments

2021 Introductory text republished; (1) revised
2021 Introductory text republished; (1) revised
2021 Introductory text republished; (1) revised
2021 Introductory text republished; (1) revised
2021 Introductory text republished; (1) revised
20.105 Seasonal hunting adjustments............. 31780, 36501, 37151, 46088
20.106 Seasonal hunting adjustments............. 31782, 36531
20.107 Seasonal hunting adjustments.................. 36533
20.108 Revised....................................... 37152
20.109 Seasonal hunting adjustments............. 31782, 36533
20.110 Seasonal hunting adjustments............. 32772, 43309
23 Authority citation revised..................... 48821
23.23 (f) Table amended... 1335, 6161, 48821
25 Authority citation revised..................... 29860
25.51Ð25.57 (Subpart E) Revised............... 29860
26 Authority citation revised..................... 35715
32 Authority citation revised..................... 27815
32.11 Amended................................. 27815
32.12 (f) (11)(iii), (i)(2)(iv), (k)(3)(iii), (q)(4)(ii) and (hh)(5)(i) removed........ 37791
(d)(1)(vi), (f)(11) (iv), (v), and (vi) and (12) (ii) and (iii), (i)(2)(v) through (vii), (k)(3) (iv) and (v), (q)(1) through (7) and new (4) (iii) through (v), and (hh)(5) (ii) and (iii) redesignated as (d)(1)(vii), (f)(11) (iii), (iv), (v) and (12) (iii) and (ii), (i)(2) (iv) through (v), (k)(3) (iii) and (iv), (q)(2) through (8) and new (4) (ii) through (iv), and (hh)(5) (i) and (ii) ...................... 37791
(b)(8), (d)(1)(vi), (e)(1)(vi) and (3)(ix), (f)(7)(v), (10) (iii) and (iv), and (13)(v), (i)(1) (v) and (vi), (l)(1)(iv), (q)(1), (2)(v), (3)(iv) and (v), new (4)(v), (8)(iv), (v) and (vi), (s)(2)(v), (u)(2)(v), (v)(3)(i), (aa)(7), (bb)(3)(iii), (iv) and (v) and (l)(1)(iv) added ............................. 37791

(d)(1) introductory text, (f)(1) introductory text and (ii), (2), (3), (4) introductory text, (5) introductory text, (iii) and (iv), (6) introductory text, (ii), (iii), and (vi), (7) introductory text, (8) introductory text and (iv), (9) introductory text and (v), (10) introductory text, (12) introductory text, new (iii) and (iv), (13)(ii), (14), (15) introductory text, (ii), (iv) and (vii), (g)(1) and (3), (h)(1)(viii) and (2)(vii), (i)(1)(ii), new (2)(vi), (3)(iv), (4) (ii) and (iii), (j)(3), (k)(2) and new (3)(iv), (l)(2) (i), (ii) and (iii), (m)(1) (ii) and (iii), (o)(2), new (q)(5)(v), (6)(iv), (7) (i), (ii) and (iii), and (8)(ii), (s)(1) and (2)(ii), (1)(1) and (2)(ii), (u)(1)(iii), (2) introductory text and (iv), (3) introductory text and (iii), (v)(5)(ii), (w)(1)(ii) and (2)(ii), (z)(1) introductory text and (2), (aa) introductory text and (1), (bb)(1) introductory text and (i), (2)(iii), (3)(ii) and (4)(ii), (cc)(1)(iv), (2)(iii), (dd)(3), (2)(i), (3)(v) and (5)(i), (ee), (ff) introductory text and (2), (gg)(2), (hh)(3)(iv), (3)(iii), new (5)(i), (8)(i) and (13)(iv), (ii)(2), (ll)(2)(iv), (3)(iv) and (4)(ii), (mm)(2)(ii), (3)(i), (5)(iv), (6)(ii) and (7)(iii), (nn)(1)(ii), (2) and (3), (oo)(7), (qq)(5)(iii) and (6), (rr)(1)(iii), (2)(ii) and (3)(ii) and (ss) revised................................. 37791
(h)(1)(viii), (bb)(3)(iii), (dd)(1), and (ll)(1)(iv) correctly designated; (t) heading and (v)(5)(iii) corrected .......................... 41388
32.21 Amended.................................. 27815
32.22 (f)(3), (q)(6) (iii) and (iv), and (cc)(2) removed; (q)(1) through (6) and (cc)(3) redesignated as (q)(2) through (7) and (cc)(2) ........................................ 37795
(a)(4)(vi), (d)(1)(iii), (2)(vii), and (4)(vii), (h)(1)(iii), (2)(v), and (4), new (q)(1), (s)(3), (aa)(1)(iv), and (gg)(3) added ................................. 37795
List of CFR Sections Affected

50 CFR—Continued

Chapter I—Continued

52 FR

Page

(a)(1) and (4)(iv), (b)(1), (d)(2)
(iii) and (iv), (4)(iii), and (5)
(ii) and (iii), (e)(4)(ii) and
(10)(ii), (h)(2)(ii) and (3) (ii)
and (iii), (l)(2), (n), new (q)(4)
i and (iii), (6) (i) and (ii), and
(7) (i) and (iii), (u)(1), (x)(6),
(aa)(1) introductory text and
(ii), (cc)(1), (dd)(1), (4) intro-
ductive text and (6) introduc-
tory text and (ii), (ff)(6),
(jj)(2)(ii) and (3), (hh)(4)(iii)
and (ll)(1)(i) revised ..................37795
(d)(2)(iii), (aa)(1)(ii), and (gg)(3)
corrected ..................................41388
32.31 Amended ..............................27815
32.32 (c)(1)(ii), (h)(4), (i)(4)(iii) and
(v), (l)(4), (aa)(2)(i), and (ss)(4)(iv)renovemoved .........................37796
(c)(1)(iii), (h) (5) and (6), (i)(4)
(iv), (vi), and (vii), (r) (1)
through (7), (v) through (tt),
new (2)(2), (aa)(2)(iii), and (ii)
(1) through (3) redesignated as
(c)(3)(ii), (h) (4) and (5), (i)(4)
(iii), (iv), and (v), (r) (2)
through (8), (w) through (uu),
(2)(3), (aa)(2)(ii), and (ii) (2)
through (4) ................................37796
(d)(2)(ix) and (4) (v) and (vi),
(h)(3) (vi) and (vii) and (5)x,
(i)(6)(vii), (o)(4), new (r)(1),
(3)(vii), (4)(iv), (7) (v) and
(vii), and (8)(iv), (1)(2)(ii),
(u)(1)(iv) and (2)(v), new (v),
new (2)(2), (dd) (3) and (4),
(gg)(2)(iv), new (ii)(1), (kk)(3),
(l)(2) (vii) and (ix), and
(rrr)(2)(iv), (3)(v) and (4)(vii)
added ........................................37797
32.33 (d)(2)(iv) and (5)(iv), (i)(2)
and (iv), (l)(2) (vii), new (r)(1),
(3)(vii), (4)(iv), (7) (v) and
(vii), and (8)(iv), (1)(2)(ii),
(u)(1)(iv) and (2)(v), new (v),
new (2)(2), (dd) (3) and (4),
(gg)(2)(iv), new (ii)(1), (kk)(3),
(l)(2) (vii) and (ix), and
(rrr)(2)(iv), (3)(v) and (4)(vii)
added ........................................37797

Chapter I—Continued

52 FR

Page

(a)(3) (ii), (iii), and (iv), (b)(1),
(d)(2) (ii), (vi) and (vii) and (4)
(ii) and (iv), (h)(1), (2)(v), (3)
(ii), (iv) and (v), (4) (ii), (v),
and (vii), and (5) introductory
text, (ii), (iv), (v), (vi), and
(viii), (i)(1) (ii), (iii), (v), (3)
(iv) and (vii), (4)(ii) and (6) (iv)
and (v), (j) (4) and (5), (n) (3),
(2), and (3), (q)(1), (r)(4) (ii) and
(iii), (7) (i), (iii), and (iv), and
(8)(iii), (t)(1), new (2)(1)(i) and
(3)(ii), (bb)(2)(ii), (ff)(1), (gg)
(1) and (4)(ii), (ii)(2)(vii), (3)
(iv), (vi) and (vii), and (4)(vi),
(oo)(1) (v) and (vi) and (3) (iv)
and (v), (qq), and (rr)(1)(v) re-
vised .........................................37797
(t)(1) correctly designated ...........41388
33 Authority citation revised.........5304
33.2 (e) amended; table revised
(OMB number)............................5304
33.3 (e) amended .............................5304
33.4 Amended ...............................5304
33.5 (d) revised................................5304
33.8 (a) and (5) added........................5304
33.9 (g) revised................................5304
33.12 Added ....................................5305
33.13 (f) and (h)(2) revised; (h) (4)
and (5) added...............................5305
33.14 (a) through (h) redesignated
as (b) through (i); new (a)
added; new (g)(1) revised ...........5305
33.17 (b) (1) through (3) re-
vised ..........................................5305
33.22 (b)(2), (e)(2) and (f) (1)
through (5) revised; (b)(6) and
(f)(6) through (9) added .............5305
33.23 (b) added ...............................5306
33.25 (c) redesignated as (d); new
(c) added ....................................5306
33.32 (a)(3) and (b)(2) revised...........5306
33.34 (a)(3) revised ...........................5306
33.37 (b)(4) revised ...........................5306
33.39 Added ....................................5306
33.41 (e)(2) revised ...........................5306
33.44 (b)(2) revised ...........................5306
33.46 (a)(6) added .............................5306
33.51 (a) (1) and (2) and (b) (1) and
(2) revised .................................5306
33.55 Added ....................................5306
80 Authority citation revised.........47571
80.26 Added .................................47571
91 Revised ....................................18700
50 CFR (10-1-98 Edition)

1988

50 CFR—Continued

Page

Chapter I—Continued

20.102 Seasonal hunting adjustments.........................24290, 33794

20.103 Seasonal hunting adjustments..........................33795

20.104 Seasonal hunting adjustments..........................37979, 37945, 44695

20.105 Seasonal hunting adjustments..........................24290, 33798, 37949, 44589

20.106 Seasonal hunting adjustments..........................33799, 37962

20.107 Seasonal hunting adjustments..........................24291, 37962

20.108 Revised..............................................24291

20.109 Seasonal hunting adjustments..........................33800, 37962, 44590

20.110 Revised...............................................31613

23.23 Procedures..............................................9945

Procedures corrected........................................12497

(f) table amended..................19921, 35826

23.51 (f) removed; (e) revised.........33819

23.52 (h) revised..............................................9633

23.57 (a) and (b) revised; (c) through (g) removed........30683

32.11 Amended...............................................4303

32.12 (e)(2), (f)(2) (i) through (vi), (m)(1)(iii), (t)(2) (i) and (ii), (u)(1)(ii) (v), and (3)(ii), (w)(1) (i) and (ii), (cc)(2) (ii) through (vi), (ll)(2), (rr)(1)(iii), (2) (i) and (ii), and (3) (i) and (ii) removed.................................43891

(e)(1), (m)(1)(v), (u)(2)(v), (gg) (2) through (4), and (ll) (3) and (4) redesignated as (e)(2), (m)(1)(iii), (u)(2)(iv), (gg) (3) through (5), and (ll) (2) and (3); new (e)(1), (f)(1)(v), (g)(7)(iv), (gg)(2), (pp)(6), (qq)(4) (v) and (vi), (5)(vi), and (7)(vi) added.................................43891

(i)(2) introductory text, (i)(2)(ii), (m)(1)(ii) and (2), (n)(1), (t)(2) introductory text, (w)(1) introductory text, (aa)(1), (cc)(2) introductory text and (i), (hh)(4)(i), (10)(ii) and (11) (i) and (iv), (mm)(5)(vi) and (7) (i) and (v), (qq)(1)(i), (4)(ii), (6), (7) (i), (iii), and (iv), and (rr)(2) introductory text and (3) introductory text revised...............................43892

32.21 Amended...............................................34303
### List of CFR Sections Affected

#### 50 CFR—Continued

<table>
<thead>
<tr>
<th>Section</th>
<th>Action</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.22</td>
<td>(a)(4)(i) through (vi), (h)(2) (i) through (v) and (ii)(1) through (iv) removed</td>
<td>43893</td>
</tr>
<tr>
<td></td>
<td>(d) (2) through (6), (ee) (1) through (4) and (ff) (3) through (10) redesignated as (d) (3) through (7), (ee) (2) and (4) through (6), and (ff) (1) through (8); new (d)(2), (ee)(1) and (3) added</td>
<td>43893</td>
</tr>
<tr>
<td>33.13</td>
<td>(b) through (l) redesignated as (c) through (m); (a)(1), new (c)(1), (d), (f)(1), (g)(1), (h)(1), (i)(1), (l) introductory text and (1), and (m)(1) revised; new (b), (i)(6), (l)(3), and (m)(4) added</td>
<td>1489</td>
</tr>
<tr>
<td>33.14</td>
<td>(a)(1), (d)(2), (f)(1), (h)(2), and (i)(3) revised</td>
<td>1489</td>
</tr>
<tr>
<td>33.19</td>
<td>(a)(7) revised; (a)(8) removed</td>
<td>1490</td>
</tr>
<tr>
<td>33.22</td>
<td>(b) and (2), (d)(1), (e)(3), and (f)(7) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.25</td>
<td>(a)(1) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.27</td>
<td>(a)(1) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.28</td>
<td>(b) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.37</td>
<td>(a), (b), and (c) redesignated as (b), (c), and (d); new (a) and (d) added; new (b)(1), (c)(1) and (3), and (e)(2) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.41</td>
<td>(g)(1) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.44</td>
<td>(a)(1) and (d)(1) revised</td>
<td>1490</td>
</tr>
<tr>
<td>33.46</td>
<td>(a)(1), (b)(1), (c)(1), and (e)(2) revised; (a)(7) added</td>
<td>1490</td>
</tr>
<tr>
<td>33.51</td>
<td>(a) (1) and (2) revised; (a) (3) and (4) added</td>
<td>1491</td>
</tr>
<tr>
<td>33.53</td>
<td>(c) redesignated as (d); new (c) added</td>
<td>1491</td>
</tr>
<tr>
<td>33.55</td>
<td>(a)(1) and (2) revised</td>
<td>1491</td>
</tr>
<tr>
<td>33.56</td>
<td>Revised</td>
<td>16344</td>
</tr>
</tbody>
</table>

#### 50 CFR—Continued

<table>
<thead>
<tr>
<th>Section</th>
<th>Action</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.2</td>
<td>Revised; eff. 10-16-89</td>
<td>38147</td>
</tr>
<tr>
<td>13.5</td>
<td>Existing text redesignated as (a); (b) added; eff. 10-16-89</td>
<td>38147</td>
</tr>
<tr>
<td>13.11</td>
<td>(d)(4) amended</td>
<td>4031</td>
</tr>
<tr>
<td></td>
<td>Heading, (c), (d) (1) and (2) revised; introductory text and (e) added; (b)(2) and (d)(4) amended; eff. 10-16-89</td>
<td>38147</td>
</tr>
<tr>
<td></td>
<td>(c) revised</td>
<td>38147</td>
</tr>
<tr>
<td>13.12</td>
<td>Heading, (a) introductory text and (1) through (5) revised; (a) (6) and (7) removed; (a) (8) through (11) redesignated as (a) (6) through (9); eff. 10-16-89</td>
<td>38147</td>
</tr>
<tr>
<td></td>
<td>(b) amended; eff. 10-16-89</td>
<td>38148</td>
</tr>
<tr>
<td>13.13</td>
<td>Removed; eff. 10-16-89</td>
<td>38148</td>
</tr>
<tr>
<td>13.14</td>
<td>Removed; eff. 10-16-89</td>
<td>38148</td>
</tr>
<tr>
<td>50 CFR—Continued</td>
<td>54 FR Page</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td></td>
</tr>
<tr>
<td><strong>Chapter I—Continued</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13.21 (c) and (d) revised; (e), (f) and (g) added; eff. 10-16-89</td>
<td>38148</td>
<td></td>
</tr>
<tr>
<td>13.22 Revised; eff. 10-16-89</td>
<td>38148</td>
<td></td>
</tr>
<tr>
<td>13.23 Revised; eff. 10-16-89</td>
<td>38148</td>
<td></td>
</tr>
<tr>
<td>13.24 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.25 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.26 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.27 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.28 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.29 Revised; eff. 10-16-89</td>
<td>38149</td>
<td></td>
</tr>
<tr>
<td>13.30 Removed; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.31 Removed; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.32 Removed; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.41 Revised; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.46 Amended; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.48 Added; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.49 Added; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.50 Added; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>13.51 (Subpart E) Removed; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>14.93 (f) (1) and (2) amended</td>
<td>4031</td>
<td></td>
</tr>
<tr>
<td>16.13 (a)(1) revised</td>
<td>22289</td>
<td></td>
</tr>
<tr>
<td>17 Authority citation revised</td>
<td>5938, 38946</td>
<td></td>
</tr>
<tr>
<td>17.11 (h) table amended</td>
<td>6341, 15208, 20602, 22906, 29655, 32330, 34467, 34472, 35311, 39849, 39853, 40112, 41453, 43969</td>
<td></td>
</tr>
<tr>
<td>17.12 (h) table amended</td>
<td>2134, 5938, 10154, 14967, 29658, 29663, 29730, 30954, 31196, 35305, 37493, 38946, 38957, 38963, 48751</td>
<td></td>
</tr>
<tr>
<td>17.44 (u) added</td>
<td>39949</td>
<td></td>
</tr>
<tr>
<td>17.45 (f) added</td>
<td>43969</td>
<td></td>
</tr>
<tr>
<td>17.95 (c) amended</td>
<td>27382</td>
<td></td>
</tr>
<tr>
<td>17.100—17.108 (Subpart J) Authority citation removed</td>
<td>38946</td>
<td></td>
</tr>
<tr>
<td>18 Authority citation revised</td>
<td>40348</td>
<td></td>
</tr>
<tr>
<td>18.27 (a), (c), and (d)(1)(vi) amended; (b) introductory text, (d)(1) introductory text and (3) (e)(1), (f)(2), and (5)(iii) revised; (d)(4) added; eff. 10-30-89</td>
<td>40348</td>
<td></td>
</tr>
<tr>
<td>20 Frameworks</td>
<td>32975, 38614</td>
<td></td>
</tr>
<tr>
<td>20.101 Seasonal hunting adjustments</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>20.102 Seasonal hunting adjustments</td>
<td>36010</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>20.103 Seasonal hunting adjustments</td>
<td>36010</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>Table corrected</td>
<td>38927</td>
<td></td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>38927</td>
<td></td>
</tr>
<tr>
<td>20.105 Seasonal hunting adjustments</td>
<td>36015, 39941</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>Technical correction</td>
<td>48106</td>
<td></td>
</tr>
<tr>
<td>20.106 Seasonal hunting adjustments</td>
<td>36016, 39941</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>20.107 Seasonal hunting adjustments</td>
<td>39941</td>
<td></td>
</tr>
<tr>
<td>20.108 Revised</td>
<td>14817</td>
<td></td>
</tr>
<tr>
<td>Amended</td>
<td>37468</td>
<td></td>
</tr>
<tr>
<td>20.109 Seasonal hunting adjustments</td>
<td>36017, 39941</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>20.110 Seasonal hunting adjustments</td>
<td>35444</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td>36009</td>
<td></td>
</tr>
<tr>
<td>21 Authority citation revised</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>21.1 Revised; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>21.2 (a) revised; (d) removed; eff. 10-16-89</td>
<td>38150</td>
<td></td>
</tr>
<tr>
<td>21.4 Added; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.11 Revised; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.12 (b) amended; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.13 (d) amended; eff. 9-1-90</td>
<td>36798</td>
<td></td>
</tr>
<tr>
<td>21.21 Added; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.22 (b), (c) (1) and (2) amended; (d) revised; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.23 (b) introductory text amended; (e) revised; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.24 (b) introductory text amended; (e) revised; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.25 (b) introductory text amended; (d) revised; eff. 10-16-89</td>
<td>38151</td>
<td></td>
</tr>
<tr>
<td>21.27 Introductory text (a), (c)(1) and (d) revised; (b) introductory text amended; (c) introductory text republished; (c) (3), (4), (5), and (6) added; eff. 10-16-89</td>
<td>38152</td>
<td></td>
</tr>
<tr>
<td>21.28 Revised; eff. 10-16-89</td>
<td>38152</td>
<td></td>
</tr>
<tr>
<td>21.29 (a), (c), (h) and (j)(4) revised; eff. 10-16-89</td>
<td>38153</td>
<td></td>
</tr>
</tbody>
</table>
### List of CFR Sections Affected

#### 50 CFR—Continued

<table>
<thead>
<tr>
<th>Section</th>
<th>Status</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.30</td>
<td>(d) (6) through (11) redesignated as (d) (11) through (16); (a), (d)(3), (4) (i) and (ii), new (11), and (3) revised; (d)(4)(iii) and new (d) (6) through (10) added; new (d)(14)(i) amended; eff. 10-16-89</td>
<td>38154</td>
</tr>
<tr>
<td>21.43</td>
<td>Introductory text revised</td>
<td>47525</td>
</tr>
<tr>
<td>21.44</td>
<td>Introductory text revised</td>
<td>47525</td>
</tr>
<tr>
<td>23</td>
<td>Authority citation revised</td>
<td>33233</td>
</tr>
<tr>
<td>23.23</td>
<td>(f) table amended</td>
<td>11540</td>
</tr>
<tr>
<td>23.52</td>
<td>(a) and (b) revised; (c) through (h) removed</td>
<td>985</td>
</tr>
<tr>
<td>23.57</td>
<td>(a) and (b) revised</td>
<td>32233</td>
</tr>
<tr>
<td>32.11</td>
<td>Amended</td>
<td>36034</td>
</tr>
<tr>
<td>32.12</td>
<td>(e)(4), (j)(5) introductory text, (p)(7), (aa) (5) and (6), and (bb)(1)(i) revised; (j) removed; (k) through (z) redesignated as (j) through (y); (f)(8)(v) and new (y)(1)(ii) added</td>
<td>46731</td>
</tr>
<tr>
<td>32.22</td>
<td>(d) (6), (7), (e)(4)(i), (10)(i), (i)(2), (j)(1)(i), (q)(4)(i), (6), (7)(i), (2)(1), (aa)(1)(ii), (ff)(8(ii), and (jj)(5) revised; (hh)(2)(ii) removed; (hh)(2)(iii) redesignated as (hh)(2)(ii)</td>
<td>46732</td>
</tr>
<tr>
<td>33</td>
<td>Amended</td>
<td>36034</td>
</tr>
<tr>
<td>33.18</td>
<td>(a)(6) added</td>
<td>10546</td>
</tr>
<tr>
<td>33.22</td>
<td>(f) revised</td>
<td>10546</td>
</tr>
<tr>
<td>33.37</td>
<td>(c)(2) amended; (c)(5) and (d)(3) revised; (c)(6) added</td>
<td>10547</td>
</tr>
<tr>
<td>33.40</td>
<td>(a) through (e) redesignated as (b) through (f); new (a) added</td>
<td>10547</td>
</tr>
<tr>
<td>33.41</td>
<td>(g)(2) revised; (g)(3), (4), and (5) added</td>
<td>10547</td>
</tr>
<tr>
<td>33.46</td>
<td>(a)(7) amended; (e)(1) revised; (e)(3) removed; (f) added</td>
<td>10547</td>
</tr>
<tr>
<td>33.47</td>
<td>(b)(4) and (5) added; (d) revised</td>
<td>10547</td>
</tr>
<tr>
<td>33.51</td>
<td>(b)(1) and (2) revised; (b)(4) and (5) added</td>
<td>10547</td>
</tr>
<tr>
<td>64</td>
<td>Technical correction</td>
<td>5938</td>
</tr>
<tr>
<td>80</td>
<td>Revised</td>
<td>15209</td>
</tr>
</tbody>
</table>

#### 1990

<table>
<thead>
<tr>
<th>Section</th>
<th>Status</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.21</td>
<td>Revised</td>
<td>48851</td>
</tr>
<tr>
<td>10.22</td>
<td>Amended</td>
<td>48851</td>
</tr>
<tr>
<td>14</td>
<td>Authority citation revised</td>
<td>9731</td>
</tr>
<tr>
<td>14.12</td>
<td>(h) and (l) added</td>
<td>9731</td>
</tr>
<tr>
<td>16.15</td>
<td>Revised</td>
<td>17441</td>
</tr>
<tr>
<td>17</td>
<td>Authority citation revised</td>
<td>39416</td>
</tr>
<tr>
<td>17.11</td>
<td>(h) table amended</td>
<td>9135, 9450, 12190, 12801, 21153, 25591, 25595, 26194, 28213, 32094</td>
</tr>
<tr>
<td></td>
<td>Technical correction</td>
<td>19145</td>
</tr>
<tr>
<td></td>
<td>(h) table amended; emergency, eff. through 11-29-90</td>
<td>12832</td>
</tr>
<tr>
<td></td>
<td>(h) table amended; eff. through 12-3-90</td>
<td>13488</td>
</tr>
<tr>
<td></td>
<td>(h) table amended; eff. through 12-31-90</td>
<td>18845</td>
</tr>
<tr>
<td></td>
<td>(h) table amended; eff. 10-9-90</td>
<td>36647</td>
</tr>
<tr>
<td>17.12</td>
<td>(h) table amended; eff. 10-29-90</td>
<td>39416, 39860, 39871</td>
</tr>
<tr>
<td></td>
<td>(h) table amended</td>
<td>42966, 46623, 51112, 51114, 53160</td>
</tr>
<tr>
<td></td>
<td>(h) table amended</td>
<td>39416, 42966, 46623, 51112, 51114, 53160</td>
</tr>
<tr>
<td></td>
<td>Regulation at 55 FR 13488 confirmed; (h) table amended</td>
<td>50006</td>
</tr>
<tr>
<td>17.12</td>
<td>(h) table amended</td>
<td>433, 4157, 4159, 12790, 12793, 12797, 13491, 13910, 24246, 25599, 29370, 32255, 32257</td>
</tr>
<tr>
<td></td>
<td>(h) table amended; eff. 10-29-90</td>
<td>35864, 39667</td>
</tr>
<tr>
<td></td>
<td>(h) table amended</td>
<td>49050, 50187</td>
</tr>
</tbody>
</table>
List of CFR Sections Affected

50 CFR—Continued

1991

<table>
<thead>
<tr>
<th>Section</th>
<th>Action</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 CFR</td>
<td>Chapter I—Continued</td>
<td>56 FR</td>
</tr>
<tr>
<td>16</td>
<td>Authority citation revised</td>
<td>56942</td>
</tr>
<tr>
<td>16.13</td>
<td>(a)(1) revised</td>
<td>56942</td>
</tr>
<tr>
<td>17</td>
<td>Policy statement</td>
<td>10809</td>
</tr>
<tr>
<td>17.11</td>
<td>(h) table amended</td>
<td>800, 1459, 1462, 1463, 13600, 21067, 28349, 28717, 40267, 41488</td>
</tr>
<tr>
<td>17</td>
<td>table corrected</td>
<td>1228</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. to 2-20-92</td>
<td>28828</td>
</tr>
<tr>
<td>17</td>
<td>table amended; effective to 4-3-92</td>
<td>37671</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-21-91</td>
<td>47694, 47699</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-28-91</td>
<td>48751, 48755</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-30-91</td>
<td>48751, 48755</td>
</tr>
<tr>
<td>17</td>
<td>table amended; interim</td>
<td>54957, 54967, 56333</td>
</tr>
<tr>
<td>18.27</td>
<td>(f)(1) amended; effective to 6-14-96</td>
<td>27463</td>
</tr>
<tr>
<td>18.11</td>
<td>(Subpart I)</td>
<td>27463</td>
</tr>
<tr>
<td>18.118</td>
<td>(a)(2) added; eff. 11-1-91</td>
<td>27464</td>
</tr>
<tr>
<td>20</td>
<td>Frameworks</td>
<td>41608, 42806</td>
</tr>
<tr>
<td>23</td>
<td>Policy statement</td>
<td>10809</td>
</tr>
<tr>
<td>23.23</td>
<td>(a) amended</td>
<td>49709</td>
</tr>
<tr>
<td>23.23</td>
<td>(f) revised</td>
<td>49709</td>
</tr>
<tr>
<td>23</td>
<td>(a) amended; (f) revised</td>
<td>49709</td>
</tr>
<tr>
<td>23</td>
<td>(f) table amended</td>
<td>50060</td>
</tr>
<tr>
<td>25.23</td>
<td>Added</td>
<td>66795</td>
</tr>
</tbody>
</table>

50 CFR

Chapter I

56 FR

Page

1991

<table>
<thead>
<tr>
<th>Section</th>
<th>Action</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Authority citation revised</td>
<td>56942</td>
</tr>
<tr>
<td>16.13</td>
<td>(a)(1) revised</td>
<td>56942</td>
</tr>
<tr>
<td>17</td>
<td>Policy statement</td>
<td>10809</td>
</tr>
<tr>
<td>17.11</td>
<td>(h) table amended</td>
<td>800, 1459, 1462, 1463, 13600, 21067, 28349, 28717, 40267, 41488</td>
</tr>
<tr>
<td>17</td>
<td>table corrected</td>
<td>1228</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. to 2-20-92</td>
<td>28828</td>
</tr>
<tr>
<td>17</td>
<td>table amended; effective to 4-3-92</td>
<td>37671</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-21-91</td>
<td>47694, 47699</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-28-91</td>
<td>48751, 48755</td>
</tr>
<tr>
<td>17</td>
<td>table amended; eff. 10-30-91</td>
<td>48751, 48755</td>
</tr>
<tr>
<td>17</td>
<td>table amended; interim</td>
<td>54957, 54967, 56333</td>
</tr>
<tr>
<td>18.27</td>
<td>(f)(1) amended; effective to 6-14-96</td>
<td>27463</td>
</tr>
<tr>
<td>18.11</td>
<td>(Subpart I)</td>
<td>27463</td>
</tr>
<tr>
<td>18.118</td>
<td>(a)(2) added; eff. 11-1-91</td>
<td>27464</td>
</tr>
<tr>
<td>20</td>
<td>Frameworks</td>
<td>41608, 42806</td>
</tr>
<tr>
<td>23</td>
<td>Policy statement</td>
<td>10809</td>
</tr>
<tr>
<td>23.23</td>
<td>(a) amended</td>
<td>49709</td>
</tr>
<tr>
<td>23.23</td>
<td>(f) revised</td>
<td>49709</td>
</tr>
<tr>
<td>23</td>
<td>(a) amended; (f) revised</td>
<td>49709</td>
</tr>
<tr>
<td>23</td>
<td>(f) table amended</td>
<td>50060</td>
</tr>
<tr>
<td>25.23</td>
<td>Added</td>
<td>66795</td>
</tr>
<tr>
<td>Section</td>
<td>Action</td>
<td>Page</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>33.8 (f)</td>
<td>Revised</td>
<td>24349</td>
</tr>
<tr>
<td>33.9 (a), (c) and (h) removed; (b), (d), (e), (f), (g), (i), (j) and (k) redesignated as (a) through (h); new (b) and new (h)(2) revised</td>
<td>24349</td>
<td></td>
</tr>
<tr>
<td>33.12 (a)(5) added</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.17 (a)(1), (b)(3) and (c)(1) through (4) revised; (c)(5) through (8) removed</td>
<td>24350</td>
<td></td>
</tr>
<tr>
<td>33.22 (c)(2) through (5) and (f) revised; (c)(6) removed</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.27 (e) revised</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.28 (b) redesignated as (c); new (b) added</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.32 (c) added</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.40 (b)(2) revised</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.41 (g)(4) removed; (g)(5) redesignated as (g)(4)</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.55 (a)(3) added</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.57 (a) and (2) revised; (b)(3) added</td>
<td></td>
<td>24350</td>
</tr>
<tr>
<td>33.61 Authority citation revised</td>
<td></td>
<td>24351</td>
</tr>
<tr>
<td>60.10 Revised</td>
<td></td>
<td>19041</td>
</tr>
<tr>
<td>60.11 Revised</td>
<td></td>
<td>19041</td>
</tr>
<tr>
<td>91 Authority citation revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.1 Revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.2 Amended</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.4 Introductory text revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.12 Amended</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.14 Amended</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.15 Revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.16 Revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.21 Revised</td>
<td></td>
<td>22815</td>
</tr>
<tr>
<td>91.24 (b), (c) and (f) through (i) revised; (j) added</td>
<td></td>
<td>22816</td>
</tr>
<tr>
<td>91.31 Revised</td>
<td></td>
<td>22816</td>
</tr>
<tr>
<td>100.14 (a) revised</td>
<td></td>
<td>29313</td>
</tr>
<tr>
<td>100.23—100.25 (Subpart D) revised</td>
<td></td>
<td>29313</td>
</tr>
<tr>
<td>100.23 (n)(1)(vii) table, (b)(ii) table and (25)(iii) table corrected; (n)(14)(iii) and (iv) correctly designated</td>
<td>43553</td>
<td></td>
</tr>
<tr>
<td>100.24 (f)(7)(C) and (13)(vi)(C) correctly designated; (f)(10)(vii) through (xxii)(C) and (f)(11) introductory text through (xiv) corrected</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td>103 (f)(5) correctly designated</td>
<td></td>
<td>15134</td>
</tr>
</tbody>
</table>

50 CFR (10-1-98 Edition)
## List of CFR Sections Affected

### 50 CFR—Continued

**Chapter I—Continued**

<table>
<thead>
<tr>
<th>Section</th>
<th>Revised/Amended Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.1–100.9 (Subpart A)</td>
<td>revised</td>
</tr>
<tr>
<td>100.10–100.20 (Subpart B)</td>
<td>revised</td>
</tr>
<tr>
<td>100.15</td>
<td>amended</td>
</tr>
<tr>
<td>100.22–100.24 (Subpart C)</td>
<td>revised</td>
</tr>
<tr>
<td>100.25–100.27 (Subpart D)</td>
<td>revised</td>
</tr>
<tr>
<td>100.25 (m)(1) table and (13) table corrected; (m)(17)(ii)(C), (18)(ii)(B), 19)(ii)(D) and (25)(ii)(B) correctly revised</td>
<td></td>
</tr>
<tr>
<td>(m)(4) table amended</td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td></td>
</tr>
</tbody>
</table>

### 50 CFR—Continued

**Chapter I**

<table>
<thead>
<tr>
<th>Section</th>
<th>Revised/Amended Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Revised</td>
</tr>
<tr>
<td>16</td>
<td>Authority citation revised</td>
</tr>
<tr>
<td>16.13</td>
<td>Revised</td>
</tr>
<tr>
<td>17.11 (h) table amended</td>
<td>4358, 5642, 5657, 5946, 5963, 12874, 14271, 14339, 16757, 25746, 25763, 27480, 34931, 40538, 40547, 40551, 41383, 41391, 43819, 46033, 49880</td>
</tr>
<tr>
<td>(h) table amended; eff. 10–25–93</td>
<td>49673, 49879, 49937</td>
</tr>
<tr>
<td>(h) table amended</td>
<td>53804, 53807, 54065, 65095, 68486</td>
</tr>
<tr>
<td>17.12 (h) table amended</td>
<td>8242, 11552, 18035, 18041, 25746, 25754, 25758, 32311, 33565, 35890, 37442, 40547, 40551, 41383, 41391, 49244, 49247</td>
</tr>
<tr>
<td>Regulation at 58 FR 40538 effective date corrected to 8–27–93</td>
<td></td>
</tr>
<tr>
<td>(h) table amended; eff. 10–25–93</td>
<td>49673</td>
</tr>
<tr>
<td>(h) table amended</td>
<td>52030, 62049, 68480</td>
</tr>
<tr>
<td>17.21 (g)(1) introductory text revised</td>
<td></td>
</tr>
<tr>
<td>17.41 (b) added</td>
<td></td>
</tr>
<tr>
<td>17.42 (c)(1)(i)(A) amended; eff. 10–25–93</td>
<td></td>
</tr>
<tr>
<td>17.84 (h) added</td>
<td></td>
</tr>
<tr>
<td>(c)(1), (4), (5)(iii), (6), (9), (10) and (11) correctly revised; (c)(5)(iv) correctly added; CFR correction</td>
<td></td>
</tr>
<tr>
<td>17.95 (a) amended</td>
<td></td>
</tr>
<tr>
<td>17.96 (a) amended</td>
<td></td>
</tr>
</tbody>
</table>

### 50 CFR—Continued

**Chapter I—Continued**

<table>
<thead>
<tr>
<th>Section</th>
<th>Revised/Amended Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.102</td>
<td>Amended; eff. 5–17–93 through 9–14–93</td>
</tr>
<tr>
<td>17.108 (a)(3) and map revised; (a)(4), (5) and (6) added; eff. 11–15–92 through 3–15–93</td>
<td></td>
</tr>
<tr>
<td>(c) and illustration added; eff. 5–17–93 through 9–14–93</td>
<td></td>
</tr>
<tr>
<td>18.121–18.129 (Subpart J) Added; eff. 12–16–93 through 6–16–95</td>
<td></td>
</tr>
<tr>
<td>20 Authority citation revised</td>
<td>15098, 50703</td>
</tr>
<tr>
<td>Frameworks</td>
<td>44576, 50188</td>
</tr>
<tr>
<td>Temporary regulations</td>
<td>65656</td>
</tr>
<tr>
<td>20.20</td>
<td>Added</td>
</tr>
<tr>
<td>20.101 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.102 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.103 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.104 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.105 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.106 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.107 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>20.108 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>Corrected</td>
<td></td>
</tr>
<tr>
<td>20.110 Seasonal hunting adjustments</td>
<td></td>
</tr>
<tr>
<td>24.12 (a) and (e) amended</td>
<td></td>
</tr>
<tr>
<td>32 Revised</td>
<td></td>
</tr>
<tr>
<td>32.7 Amended</td>
<td></td>
</tr>
<tr>
<td>32.8 Table amended</td>
<td></td>
</tr>
<tr>
<td>32.9 Amended</td>
<td></td>
</tr>
<tr>
<td>32.10 Amended</td>
<td></td>
</tr>
<tr>
<td>32.12 Amended</td>
<td></td>
</tr>
<tr>
<td>32.13 Amended</td>
<td></td>
</tr>
<tr>
<td>32.14 Amended</td>
<td></td>
</tr>
<tr>
<td>32.15 Amended</td>
<td></td>
</tr>
<tr>
<td>32.17 Amended</td>
<td></td>
</tr>
<tr>
<td>32.18 Amended</td>
<td></td>
</tr>
<tr>
<td>32.19 Amended</td>
<td></td>
</tr>
<tr>
<td>32.20 Amended</td>
<td></td>
</tr>
<tr>
<td>32.22 Amended</td>
<td></td>
</tr>
<tr>
<td>32.23 Amended</td>
<td></td>
</tr>
<tr>
<td>32.24 Amended</td>
<td></td>
</tr>
<tr>
<td>32.25 Amended</td>
<td></td>
</tr>
<tr>
<td>32.26 Amended</td>
<td></td>
</tr>
<tr>
<td>32.27 Amended</td>
<td></td>
</tr>
<tr>
<td>32.28 Amended</td>
<td></td>
</tr>
<tr>
<td>32.29 Amended</td>
<td></td>
</tr>
<tr>
<td>32.30 Amended</td>
<td></td>
</tr>
<tr>
<td>32.31 Amended</td>
<td></td>
</tr>
<tr>
<td>32.32 Amended</td>
<td></td>
</tr>
<tr>
<td>32.33 Amended</td>
<td></td>
</tr>
<tr>
<td>32.34 Amended</td>
<td></td>
</tr>
<tr>
<td>32.35 Amended</td>
<td></td>
</tr>
<tr>
<td>32.36 Amended</td>
<td></td>
</tr>
<tr>
<td>32.37 Amended</td>
<td></td>
</tr>
<tr>
<td>32.38 Amended</td>
<td></td>
</tr>
<tr>
<td>32.39 Amended</td>
<td></td>
</tr>
<tr>
<td>32.40 Amended</td>
<td></td>
</tr>
<tr>
<td>32.41 Amended</td>
<td></td>
</tr>
<tr>
<td>32.42 Amended</td>
<td></td>
</tr>
<tr>
<td>32.43 Amended</td>
<td></td>
</tr>
<tr>
<td>32.44 Amended</td>
<td></td>
</tr>
<tr>
<td>32.45 Amended</td>
<td></td>
</tr>
<tr>
<td>32.46 Amended</td>
<td></td>
</tr>
<tr>
<td>32.47 Amended</td>
<td></td>
</tr>
<tr>
<td>32.48 Amended</td>
<td></td>
</tr>
<tr>
<td>32.49 Amended</td>
<td></td>
</tr>
<tr>
<td>32.50 Amended</td>
<td></td>
</tr>
<tr>
<td>32.51 Amended</td>
<td></td>
</tr>
<tr>
<td>32.52 Amended</td>
<td></td>
</tr>
</tbody>
</table>
### 50 CFR—Continued

**Chapter I—Continued**

<table>
<thead>
<tr>
<th>Page</th>
<th>50 CFR—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.53 Amended</td>
<td>29085</td>
</tr>
<tr>
<td>32.56 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.57 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.60 Amended</td>
<td>29076, 29085</td>
</tr>
<tr>
<td>32.62 Amended</td>
<td>29076, 29085</td>
</tr>
<tr>
<td>32.63 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.65 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.66 Amended</td>
<td>29077, 29085</td>
</tr>
<tr>
<td>32.67 Amended</td>
<td>29077</td>
</tr>
<tr>
<td>32.69 Amended</td>
<td>29077</td>
</tr>
<tr>
<td>33 Removed</td>
<td>5700</td>
</tr>
<tr>
<td>85 Added; interim</td>
<td>36620</td>
</tr>
<tr>
<td>85.20 (a)(1) OMB number pending</td>
<td>36621</td>
</tr>
<tr>
<td>922</td>
<td>1994</td>
</tr>
<tr>
<td>--</td>
<td>50 CFR (10-1-98 Edition)</td>
</tr>
<tr>
<td>32.53 Amended</td>
<td>29085</td>
</tr>
<tr>
<td>32.56 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.57 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.60 Amended</td>
<td>29076, 29085</td>
</tr>
<tr>
<td>32.62 Amended</td>
<td>29076, 29085</td>
</tr>
<tr>
<td>32.63 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.65 Amended</td>
<td>29076</td>
</tr>
<tr>
<td>32.66 Amended</td>
<td>29077, 29085</td>
</tr>
<tr>
<td>32.67 Amended</td>
<td>29077</td>
</tr>
<tr>
<td>32.69 Amended</td>
<td>29077</td>
</tr>
<tr>
<td>33 Removed</td>
<td>5700</td>
</tr>
<tr>
<td>85 Added; interim</td>
<td>36620</td>
</tr>
<tr>
<td>85.20 (a)(1) OMB number pending</td>
<td>36621</td>
</tr>
<tr>
<td>100.25 (m)(25) table amended; eff. 9-22-92 through 6-30-93</td>
<td>17778</td>
</tr>
<tr>
<td>Authority citation revised</td>
<td>31258</td>
</tr>
<tr>
<td>(b)(2)(ii) introductory text and (f) revised; (m)(1) table amended</td>
<td>61811</td>
</tr>
<tr>
<td>100.25—100.27 (Subpart D) Revised; eff. 7-1-93 through 6-30-94</td>
<td>31258</td>
</tr>
<tr>
<td>100.26 (e)(4)(xx) added; effective 4-5-93 through 6-30-93</td>
<td>31176</td>
</tr>
</tbody>
</table>

**Chapter I—Continued**

<table>
<thead>
<tr>
<th>Page</th>
<th>50 CFR—Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.11 (h) table amended</td>
<td>65512</td>
</tr>
<tr>
<td>17.12 (h) table amended</td>
<td>54840</td>
</tr>
<tr>
<td>17.14 (h) table amended</td>
<td>46718</td>
</tr>
<tr>
<td>17.15 (h) table amended; eff. 10-11-94</td>
<td>49031</td>
</tr>
<tr>
<td>17.16 (h) table amended; eff. 10-31-94</td>
<td>49063</td>
</tr>
<tr>
<td>17.17 (h) table amended; eff. 5-26-95</td>
<td>50857, 56333, 56350, 59177, 60568, 62352, 64623</td>
</tr>
<tr>
<td>17.18 (g) revised</td>
<td>42691</td>
</tr>
<tr>
<td>17.19 (g) illustration added</td>
<td>42691, 42714</td>
</tr>
<tr>
<td>17.20 (g) amended</td>
<td>42711</td>
</tr>
<tr>
<td>17.21 (g) added</td>
<td>60264</td>
</tr>
<tr>
<td>17.22 (g) amended; eff. 10-26-94</td>
<td>60279</td>
</tr>
<tr>
<td>17.23 (g) amended</td>
<td>4856</td>
</tr>
<tr>
<td>17.24 (g) corrected</td>
<td>5845</td>
</tr>
<tr>
<td>17.25 (g) corrected</td>
<td>9032</td>
</tr>
<tr>
<td>17.26 (g) amended</td>
<td>10905, 10914, 13397</td>
</tr>
<tr>
<td>17.27 (g) amended</td>
<td>65276</td>
</tr>
<tr>
<td>17.28 (g) through (l) and illustration revised</td>
<td>24658</td>
</tr>
<tr>
<td>20 Frameworks</td>
<td>42474, 49304</td>
</tr>
<tr>
<td>Authority citation revised</td>
<td>45589</td>
</tr>
<tr>
<td>Authority citation revised</td>
<td>50425</td>
</tr>
<tr>
<td>20.102 Revised</td>
<td>45589</td>
</tr>
<tr>
<td>20.103 Revised</td>
<td>45590</td>
</tr>
<tr>
<td>Corrected</td>
<td>59967</td>
</tr>
<tr>
<td>20.104 Revised</td>
<td>45592</td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>50426</td>
</tr>
<tr>
<td>11 (h) table amended</td>
<td>55531</td>
</tr>
<tr>
<td>11.105 (a) through (d) revised</td>
<td>45593</td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>50427</td>
</tr>
<tr>
<td>Corrected</td>
<td>60060</td>
</tr>
<tr>
<td>20.106 Revised</td>
<td>45596</td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>50442</td>
</tr>
<tr>
<td>Corrected</td>
<td>60060</td>
</tr>
<tr>
<td>20.107 Seasonal hunting adjustments</td>
<td>50443</td>
</tr>
<tr>
<td>20.108 Revised</td>
<td>45597</td>
</tr>
<tr>
<td>Seasonal hunting adjustments</td>
<td>50443</td>
</tr>
</tbody>
</table>
### List of CFR Sections Affected

#### 50 CFR—Continued

**Chapter I—Continued**

Corrected

20.110 Revised ........................................ 45237, 46571
21.29 (k) amended .................................. 11204
23.23 (f) table amended .......................... 41983, 41985, 41987, 41989
24.12 (e) redesignated as (g) and amended; new (e) and (f) added. 14121
32.27 Amended ....................................... 55183
32.30 Revised ........................................ 55184
32.34 Amended ....................................... 55185
32.37 Amended ....................................... 55186
32.39 Amended ....................................... 55187
32.40 Amended ....................................... 55188
32.48 Amended ....................................... 55189
32.51 Amended ....................................... 55190
32.53 Amended ....................................... 55191
32.55 Amended ....................................... 55192
32.57 (k) table submitted; eff. 5±30±95 ............ 27463
32.60 (d) (2) table submitted; eff. 5±30±95 ........ 27462
32.62 Amended ....................................... 55193
32.64 Amended ....................................... 55194
32.67 Amended ....................................... 55195
36.33 Revised ....................................... 38314
36.35 (c)(1)(v) added; eff. date extended to 12±31±95; interim 32925
36.39 (j) added; interim; eff. 6±28±94 through 9±30±94 24566
85 Revised ........................................... 11206
100 Policy statement ................................ 36063
100.24 (a)(1) table and (2) table amended ...... 27463
100.25 Revised; eff. 7±1±94 through 6±30±95 .... 29036
100.25 (k)(1)(iv)(B) table, (18)(iii)(B) table and (20)(iii)(C) table amended .................. 51858
100.26 Regulation at 58 FR 31294 eff. date extended to 12±31±95; interim 32925
100.27 Regulation at 58 FR 31294 eff. date extended to 12±31±95; interim 32925

#### 50 CFR—Continued

**Chapter I—Continued**

32.56 Amended ....................................... 6694
32.57 Amended ....................................... 6694
32.60 Amended ....................................... 6695
32.62 Amended ....................................... 6695
32.63 Amended ....................................... 6696
32.64 Amended ....................................... 6699
32.66 Amended ....................................... 6699
32.67 Amended ....................................... 6699
32.68 Revised ........................................ 55197
32.69 Amended ....................................... 6700
32.70 Amended ....................................... 55198
32.71 Amended ....................................... 55198
36.3 Revised ........................................ 38314
36.32 (c)(1)(iv) added; interim; eff. 6±28±94 through 9±30±94 24566
85 Revised ........................................... 11206
100 Policy statement ................................ 36063
100.24 (a)(1) table and (2) table amended ...... 27463
100.25 Revised; eff. 7±1±94 through 6±30±95 .... 29036
100.25 (k)(1)(iv)(B) table, (18)(iii)(B) table and (20)(iii)(C) table amended .................. 51858
100.26 Regulation at 58 FR 31294 eff. date extended to 12±31±95; interim 32925
100.27 Regulation at 58 FR 31294 eff. date extended to 12±31±95; interim 32925

#### 1995

**50 CFR**

2.2 (a), (d) and (e) revised ......................... 40302
17 Determination .................................. 15693
17 Notice ........................................... 43721
17.11 (h) table amended .......................... 2903, 32925, 5267, 5273, 29945, 36010
17.12 (h) table amended .......................... 61, 3651, 6684, 12486
17.40 (a) removed ................................... 12906
17.41 (a) revised .................................. 36010
50 CFR—Continued
60 FR

Chapter I—Continued

17.84 (c)(4), (9)(i) and (10) revised.................................18947
17.95 (b) amended..................................................29945
18.121—18.129 (Subpart J) Regulation at 58 FR 60410 eff. date extended to 8-15-95...........31258
Regulation at 58 FR 60410 eff. date extended to 12-15-98............42805
18.121 Amended..................................................31258
18.122 Revised..................................................31260, 42809
18.123 (b) revised...............................................42809
18.121—18.129 (Subpart J) Regulations
17.95 (b) amended..........................29945
20.21 (j) revised..................................................64
Regulation at 60 FR 64 eff. date corrected to 12-30-94............2177
(j) introductory text and (2) revised............................43316
20.101 Seasonal hunting adjustments..................................45020
Revised..................................................45630
20.102 Seasonal hunting adjustments..................................45020
Revised..................................................45630
20.103 Seasonal hunting adjustments..................................45020
Revised..................................................45631
20.104 Seasonal hunting adjustments..................................45020, 50748
Revised..................................................45634
20.105 Seasonal hunting adjustments..................................45020, 50748
(a) through (d) revised.................................45636
20.106 Seasonal hunting adjustments..................................45020, 50748
Revised..................................................45639
20.107 Seasonal hunting adjustments..................................45020, 50748
20.109 Seasonal hunting adjustments..................................45020, 50748
Revised..................................................45640
20.110 Revised..................................................46014, 50708
23.23 Revised..................................................50480
Correctly revised..................................................52450
23.57 (a) revised..................................................43407
(b) heading, (1), (2), (4) and (5) revised.........................43408
25.12 (a) amended..................................................62040
32.7 Amended..................................................62040
32.22 Amended..................................................62040
32.23 Amended..................................................62040
32.24 Amended..................................................62041
32.25 Amended..................................................62041
32.27 Amended..................................................62041

50 CFR—Continued
60 FR

Chapter I—Continued
32.31 Amended..................................................62041
32.32 Amended..................................................62041
32.34 Amended..................................................62042
32.35 Amended..................................................62042
32.36 Amended..................................................62042
32.37 Amended..................................................5277, 62042
32.38 Amended..................................................62043
32.39 Amended..................................................62043
32.40 Amended..................................................62043
32.42 Amended..................................................62043
32.45 Amended..................................................62044
32.46 Amended..................................................62044
32.47 Amended..................................................62044
32.49 Amended..................................................52868, 62044
32.50 Amended..................................................62045
32.51 Amended..................................................62045
32.52 Amended..................................................62045
32.53 Amended..................................................62045
32.54 Amended..................................................61492
32.55 Amended..................................................61213, 62046
32.56 Amended..................................................62046
32.57 Amended..................................................62047
32.60 Amended..................................................62047
32.61 Amended..................................................62047
32.62 Amended..................................................62047
32.64 Amended..................................................62047
32.65 Amended..................................................62047
32.66 Amended..................................................62048
32.67 Amended..................................................62048
32.68 Amended..................................................62048
32.69 Amended..................................................62048
32.70 Amended..................................................62049
36.39 (j) added..................................................37211
100 Meeting..................................................33726
Policy statement...............................40459, 40464
100.24 (a)(1) table amended.................................10319, 10320
Revised..................................................40464
100.25 (e)(1) revised; (k)(6)(iii)(B) table and (9)(ii)(E) table amended..............10320
(k)(20)(iii)(C) table, (21)(iii)(D) table, (25)(iii) table and (26)(iii)(B) table amended..............10322
Added; eff. 7-1-95 through 6-30-96............................................31553
(k)(15)(iii)(D) table amended; eff. 8-10-95 through 6-30-96.............40464
100.26 Revised; eff. 7-1-95 through 12-31-96...........................31588
100.27 (f)(3)(iv)(E) added........................................10322
Revised; eff. 7-1-95 through 12-31-96...........................31593

924
List of CFR Sections Affected

1996

50 C.F.R. 61 F.R. Page

Chapter I

13 Authority citation revised...... 31867
13.11 (d)(4) table revised .......... 31868
14 Authority citation revised ....... 3851
14.4 Added ................................ 31868
14.12 (k) and (l) amended; (m) added ................................ 3851
14.15 (a) revised.......................... 31868
14.21 Revised ..................... 31868
14.22 Revised ................. 31868
14.24 Added ................................ 31869
14.32 (c)(2) revised............. 31869
14.33 (c)(2) revised...... 31869
Corrected................................ 40481
14.52 (a), (b), (c) introductory text, (3) and (4) revised; (c)(5) added........... 31869
14.53 Revised .................... 31869
14.54 (a) revised; (f) added .... 31869
14.55 Introductory text revised;
(d) added........................... 31869
14.61 Revised ..................... 31870
Correctly revised .......... 49980
14.62 (b)(2) removed; (b)(3) and (4) redesigned as (b)(2) and (3);
(a), new (b)(2), (3) and (c) revised; (d) added ............... 31870
14.64 (a), (b)(1) and (2) revised;
(b)(3) added.......................... 31870
14.81 Revised .................... 31870
14.82 (a)(3)(ii)(A), (2) and (3) revised.... 31870
14.91 (a) and (c) revised .... 31871
14.92 (a)(2) through (4), (b)(2),
(4) and (5) revised; (a)(5) and
(6) added; (b)(6) removed........... 31871
14.93 (c)(4) and (5) revised; (f) removed .............. 31871
14.94 Added................................ 31871
15.3 Amended ..................... 2091
15.32 Amended ..................... 2091
15.33 (b) revised.............. 2093
17 Decision ..................... 64481
17 Guidance ..................... 9651, 24722, 64475
17.11 (h) table added .......... 11332, 25832,
26278, 32966, 48412, 54056, 59028
17.12 (h) table added .......... 4373, 10697,
31058, 41023, 43184, 52383, 53088, 53107,
53123, 53130, 53137, 53152, 54357, 67497
17.42 (c) revised................. 32966
17.84 (g) revised; illustration added................. 11332
(j) added................................ 54057
17.95 (b) amended............. 26278
20 Frameworks........... 45836, 49232, 50662

50 C.F.R—Continued

Chapter I—Continued

Authority citation revised ........ 46358,
49639
20.20 (b) and (e) revised .......... 46352
20.21 (j) introductory text and (2) revised .... 42494
20.101 Seasonal hunting adjust-
ments........................................ 46359
20.102 Seasonal hunting adjust-
ments........................................ 46359
20.103 Seasonal hunting adjust-
ments........................................ 46360
20.104 Seasonal hunting adjust-
ments........................................ 46363, 50741
20.105 Seasonal hunting adjust-
ments........................................ 46365, 49640, 50742
20.106 Seasonal hunting adjust-
ments........................................ 46368, 50756
20.107 Seasonal hunting adjust-
ments........................................ 46369, 50757
20.109 Seasonal hunting adjust-
ments........................................ 46369, 50757
20.110 Seasonal hunting adjust-
ments........................................ 46394, 50941
23 Authority citation revised........ 2456
23.23 (d) introductory text re-
vised; (f) table amended........ 6795
23.53 Revised ..................... 2456
32.7 Amended ...... 31461, 31463, 45366, 46369,
46393
32.23 Amended ..................... 45366, 46393
32.24 Amended ..................... 46393
32.28 Amended ..................... 46394
32.32 Amended ..................... 45366, 46394
32.33 Amended ..................... 45366
32.34 Amended ..................... 46395
32.36 Amended ..................... 46395
32.37 Amended ..................... 46395
32.38 Amended ..................... 46396
32.39 Amended ..................... 46396
32.40 Amended ..................... 46396
32.41 Amended ..................... 46396
32.42 Amended ..................... 46396
32.43 Amended ..................... 45367, 46396
32.44 Amended ..................... 45367, 46397
32.46 Amended ..................... 45367
32.47 Amended ..................... 46397
32.48 Amended ..................... 31463
32.49 Amended ..................... 46397
32.50 Amended ..................... 46397
32.51 Amended ..................... 46397
32.52 Amended ..................... 46397
32.53 Amended ..................... 46398
32.54 Amended ..................... 46398
32.55 Amended ..................... 46398
32.56 Amended ..................... 46398
32.57 Amended ..................... 31461, 46398
32.64 Amended ..................... 46398
32.65 Amended ..................... 46399
32.66 Amended ..................... 46399
32.67 Amended ..................... 46399
32.68 Amended ..................... 31461

925
50 CFR (10-1-98 Edition)

50 CFR—Continued

Chapter I—Continued

<table>
<thead>
<tr>
<th>Section</th>
<th>Amended/Revised</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>32.69</td>
<td>Amended</td>
<td>46399</td>
</tr>
<tr>
<td>32.71</td>
<td>Amended</td>
<td>46399</td>
</tr>
<tr>
<td>36.39</td>
<td>(c) added</td>
<td>29497</td>
</tr>
<tr>
<td>60 (Subchapter D)</td>
<td>Removed</td>
<td>53330</td>
</tr>
<tr>
<td>91.4</td>
<td>(e)(4) revised</td>
<td>39702</td>
</tr>
<tr>
<td>91.11</td>
<td>(b) revised</td>
<td>25155</td>
</tr>
<tr>
<td>91.12</td>
<td>Revised</td>
<td>25155</td>
</tr>
<tr>
<td>91.14</td>
<td>Revised</td>
<td>25156</td>
</tr>
<tr>
<td>91.17</td>
<td>Revised</td>
<td>25156</td>
</tr>
<tr>
<td>91.24</td>
<td>(h) and (i) revised</td>
<td>25156</td>
</tr>
<tr>
<td>100.24</td>
<td>Revised</td>
<td>25156</td>
</tr>
<tr>
<td>(a)(1) table amended</td>
<td>48628</td>
<td></td>
</tr>
<tr>
<td>100.25</td>
<td>(k)(11) table, (12) table, (13)(ii) table, (17)(ii) table, (20)(ii)(C) table, (22)(ii)(C) table amended</td>
<td>5688</td>
</tr>
<tr>
<td>(k)(29)(iii)(B) table amended</td>
<td>5689</td>
<td></td>
</tr>
<tr>
<td>Regulation at 60 FR 31553 eff. date extended to 7-31-96</td>
<td>25789</td>
<td></td>
</tr>
<tr>
<td>Added; eff. 8-1-96 through 6-30-97</td>
<td>39709</td>
<td></td>
</tr>
<tr>
<td>(k)(6)(iii)(B) table, (7)(ii) table, (11)(i) table, (13)(iii) table, (14)(iii) table, (15)(iii)(D) table amended; eff. 8-1-96 through 6-30-97</td>
<td>48628</td>
<td></td>
</tr>
<tr>
<td>(k)(15)(iii)(D) table and (16)(iii) table amended; eff. 8-1-96 through 6-30-97</td>
<td>48629</td>
<td></td>
</tr>
<tr>
<td>100.26</td>
<td>Added; eff. 1-1-97 through 12-31-97</td>
<td>39747</td>
</tr>
<tr>
<td>100.27</td>
<td>Added; eff. 1-1-97 through 12-31-97</td>
<td>39751</td>
</tr>
</tbody>
</table>

1997

50 CFR

Chapter I

<table>
<thead>
<tr>
<th>Section</th>
<th>Amended/Revised</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Document availability</td>
<td>3241</td>
</tr>
<tr>
<td>17.11</td>
<td>(h) table amended</td>
<td>689, 1657, 2321, 3528, 4191, 4939, 10746, 23392, 30772, 31757, 31761, 33038, 38939, 39136, 39156, 44227, 59622, 64520, 66303</td>
</tr>
<tr>
<td>17.12</td>
<td>(h) table amended</td>
<td>689, 1647, 1694, 4182, 5551, 14351, 27978, 31748, 33037, 33373, 40973, 42702, 54807, 61925</td>
</tr>
<tr>
<td>17.42</td>
<td>(f) added</td>
<td>56622</td>
</tr>
<tr>
<td>17.84</td>
<td>(h)(1), (3), (4)(ii) and (8) revised</td>
<td>38939</td>
</tr>
<tr>
<td>17.95</td>
<td>(b) amended</td>
<td>39138, 44228</td>
</tr>
<tr>
<td>(b) corrected</td>
<td>44228</td>
<td></td>
</tr>
<tr>
<td>17.108</td>
<td>(a)(7) added; eff. 11-24-97 through 3-23-98</td>
<td>63037</td>
</tr>
<tr>
<td>18.4</td>
<td>Added</td>
<td>7329</td>
</tr>
<tr>
<td>18.30</td>
<td>Added</td>
<td>7329</td>
</tr>
<tr>
<td>20</td>
<td>Frameworks</td>
<td>44229, 50660</td>
</tr>
</tbody>
</table>

926
List of CFR Sections Affected

50 CFR—Continued

Chapter I—Continued

32.63 Amended ..............................47382
32.64 Amended ..............................47383
32.66 Amended ..............................47383
32.67 Amended ..............................47383
32.69 Amended ..............................47383
32.70 Amended ..............................47383
36.3 Revised ..................................45340
36.37 Added ..................................45340
36.41 Revised ................................45340
85 Authority citation revised........45347
85.11 Amended ..............................45347
85.21 (a) introductory text re-
vised.........................................45348
85.30 (f) revised.............................45348
85.41 Revised ................................45348
85.47 Revised ................................45348
91.11 (b) revised.............................24845
91.13 Revised ................................24845
91.14 Revised ................................24845
100.24 Revised...............................29020
(a)(1) table amended .......................45725
100.25 Added; eff. 7-1-97 through
6-30-98 ........................................45726
(k)(6)(iii) table amended ..................45726
(k)(7)(ii) table, (10)(ii) table, (11)(i) table, (12)(i) table,
(13)(iii) table, (15)(iii) table, (20)(ii) table and (22)(ii) table
amended ......................................45726
(k)(23)(iii) table, (24)(iii) table,
(25)(iii) and (26)(ii) table
amended ......................................45727
100.26 Added; eff. 1-1-98 through
12-31-98.........................................45727
100.27 Added; eff. 1-1-98 through
12-31-98.........................................45727
1998
(Regulations published from January 1,
1998 through October 1, 1998)

50 CFR

Chapter I

2.2 (a), (c), (d) and (e) re-
vised............................................52633
10.21 (b) revised.............................52633
13.5 Revised ..................................52634
14 Authority citation revised...........52634
14.3 Revised ..................................52634
15.4 Added ....................................52634
15.21 (c) revised.............................52634
16.22 (a) introductory text and (d)
revised ...........................................52634
17 Critical habitat designa-
tion.............................................9967

50 CFR—Continued

Chapter I—Continued

Petition.......................................25177
Determination.............................32996
17.3 Amended ..............................8870
17.8 Added; eff. 10-13-98...............48639
17.11 (h) table amended..............48639
12686, 13150, 14379, 26530, 31674, 32997,
51016, 52837
(h) table amended; eff. 8-11-98
through 4-9-99..............................42762
(h) table amended; eff. 10-13-98......42762
17.12 (h) table amended..............42762
17.21 (g) revised; eff. 10-13-98......48640
17.22 (b)(5) and (6) added................8871
(a)(1) introductory text and (b)(1)
introductory text revised;
(a)(1)(ix) and (b)(1)(ix)
removed.......................................52635
17.32 (b)(5) and (6) added.................8871
(a)(1) introductory text and (b)(1)(i)
revised; (a)(1)(ix) and (b)(1)(iv)
removed.......................................52635
17.44 (v) added..............................31674
17.62 (a) introductory text and (4)
revised; (a)(3)(iii) removed...........52635
17.72 (a) introductory text and (4)
revised; (a)(3)(iii) removed...........52636
17.84 (k) added..............................1763
(g) revised; illustration added.............52837
17.95 (b) and (e) amended..............14379
20 Frameworks..............................46124, 51998
20.20 (a), (b) and (e) revised............46401
20.101 Seasonal hunting adjust-
ments...........................................46339
20.102 Seasonal hunting adjust-
ments...........................................46339
20.103 Seasonal hunting adjust-
ments...........................................46340
20.104 Seasonal hunting adjust-
ments...........................................46343, 52325
20.105 Seasonal hunting adjust-
ments...........................................46345, 50170, 52326
20.106 Seasonal hunting adjust-
ments...........................................46351, 52340
20.107 Seasonal hunting adjust-
ments...........................................52341
20.109 Seasonal hunting adjust-
ments...........................................46352, 52341
20.110 Seasonal hunting adjust-
ments...........................................46561, 52350
21.4 Revised.................................52637
<table>
<thead>
<tr>
<th>Section</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.23</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.24</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.25</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.27</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.30</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.41</td>
<td>(b) introductory text revised</td>
</tr>
<tr>
<td>21.47</td>
<td>Added</td>
</tr>
<tr>
<td>22.4</td>
<td>Added</td>
</tr>
<tr>
<td>22.21</td>
<td>(a) introductory text revised</td>
</tr>
<tr>
<td>22.22</td>
<td>(a) introductory text revised</td>
</tr>
<tr>
<td>22.23</td>
<td>(a) introductory text revised</td>
</tr>
<tr>
<td>22.24</td>
<td>(a) introductory text revised</td>
</tr>
<tr>
<td>22.25</td>
<td>(a) introductory text revised</td>
</tr>
<tr>
<td>23.15</td>
<td>(c) introductory text revised and (g) added</td>
</tr>
<tr>
<td>23.23</td>
<td>(f) table amended</td>
</tr>
<tr>
<td>32.2</td>
<td>Heading and introductory text revised; (k) added</td>
</tr>
<tr>
<td>32.7</td>
<td>Amended</td>
</tr>
<tr>
<td>32.20</td>
<td>Amended</td>
</tr>
<tr>
<td>32.24</td>
<td>Amended</td>
</tr>
<tr>
<td>32.28</td>
<td>Amended</td>
</tr>
<tr>
<td>32.29</td>
<td>Amended</td>
</tr>
<tr>
<td>32.32</td>
<td>Amended</td>
</tr>
<tr>
<td>32.34</td>
<td>Amended</td>
</tr>
<tr>
<td>32.35</td>
<td>Amended</td>
</tr>
<tr>
<td>32.36</td>
<td>Amended</td>
</tr>
<tr>
<td>32.37</td>
<td>Amended</td>
</tr>
<tr>
<td>32.38</td>
<td>Amended</td>
</tr>
<tr>
<td>32.39</td>
<td>Amended</td>
</tr>
<tr>
<td>32.40</td>
<td>Amended</td>
</tr>
<tr>
<td>32.42</td>
<td>Amended</td>
</tr>
<tr>
<td>32.43</td>
<td>Amended</td>
</tr>
<tr>
<td>32.45</td>
<td>Amended</td>
</tr>
</tbody>
</table>

1998

(Correction published November 13, 1998)

<table>
<thead>
<tr>
<th>50 CFR</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.44</td>
<td>(v) CFR correction</td>
</tr>
</tbody>
</table>