Florida Natural Areas Inventory

Final Contract Report for DNR Contract No. C4312

SUPPORT OF A DATA BASE FOR PROTECTION AND MANAGEMENT OF RARE/ENDANGERED SPECIES AND EXEMPLARY NATURAL COMMUNITIES OF COASTAL FLORIDA

For the

Department of Natural Resources
Division of State Lands
3900 Commonwealth Boulevard
Tallahassee, Florida 32303

By the

Florida Natural Areas Inventory
The Nature Conservancy
254 East Sixth Avenue
Tallahassee, Florida 32303

James William Muller, Coordinator

December 1987

Funds for this project were provided by The Department of Environmental Regulation Office of Coastal Management using funds made available through the National Oceanic and Atmospheric Administration under the Coastal Zone Management Act of 1972, as amended.

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Introduction

Because of its subtropical climate, geographic location, and unique geomorphology, Florida is one of the most biologically diverse states. It is also experiencing one of the nation's highest rates of population growth with the coastal zone experiencing the most rapid growth rate of any region of Florida. The State of Florida has responded to this growth by initiating many programs and policies to protect the natural resources of the coast, such as designation of special features (e.g., Aquatic Preserves and National Marine/Estuarine Sanctuaries), initiation of land acquisition programs (e.g., Save Our Coast), and formulation of growth management legislation and rules. An essential part of this protection and management effort is the acquisition of information on the existing resources. In spite of the largest land acquisition program of any state, Florida is rapidly losing unique natural resources through the development required to accommodate that growth. Many of these irreplaceable resources are being lost without prior knowledge of their existence.

The Florida Natural Areas Inventory was established in 1981 as a cooperative effort of the Department of Natural Resources and The Nature Conservancy, a national non-profit conservation organization dedicated to the preservation of natural diversity. The Conservancy has established similar cooperative ecological inventories in 46 other states over the past 14 years. An inventory is typically developed and operated by the Conservancy for several years and then turned over to the state government for continued operation. Funding for the first six years of Florida's program has been provided primarily by the Conservation and Recreation Lands (CARL) Trust Fund as authorized by Ch. 253.023(4) Florida Statutes.

The Florida Natural Areas Inventory (FNAI) provides a continuous process for identifying important natural areas and making data available to decision makers involved in resource management. Appendix A provides lists of FNAI Special Elements with their FNAI rank and Federal and State legal statuses. Information on the status and distribution of natural communities, rare and endangered species of plants and animals, bird rookeries, geological and other natural features is collected, processed and analyzed through an integrated data management system. Map files, manual files and computer files keep information organized and accessible. Data are indexed by several criteria, including location, natural community type, species name, endangerment status and land ownership. Appendix B contains examples of occurrence records for special plants, special animals, and natural communities. Source citations for all information processed are added to a computerized bibliography which is continuously updated. The inventory is a flexible system capable of producing information in a variety of formats to meet the needs of a broad spectrum of users.

The existing FNAI staff was not sufficient to acquire, process, and update the information needed for the rapidly developing coastal area. The Coastal Zone Management contract supported additional staff (1 botanist, 1 zoologist, 1/2 time data handler, Appendix C) to address this need. Their efforts focused on acquiring and processing information on rare/endangered species and exemplary natural communities of coastal Florida, resulting in a more comprehensive data base on Florida's coastal resources. Table 1 summarizes the number of occurrences of rare

species and natural communities processed by coastal staff. Figure 1 illustrates the location of all computerized occurrence records currently in the FNAI data base. Additional products resulting from this contract are lists of rare/endangered species and exemplary natural communities known to occur in each coastal county (Appendix D). More extensive information is available from the Florida Natural Areas Inventory's manual and computerized files.

Table 1. Summary of data processed through the Coastal Zone Management contract.

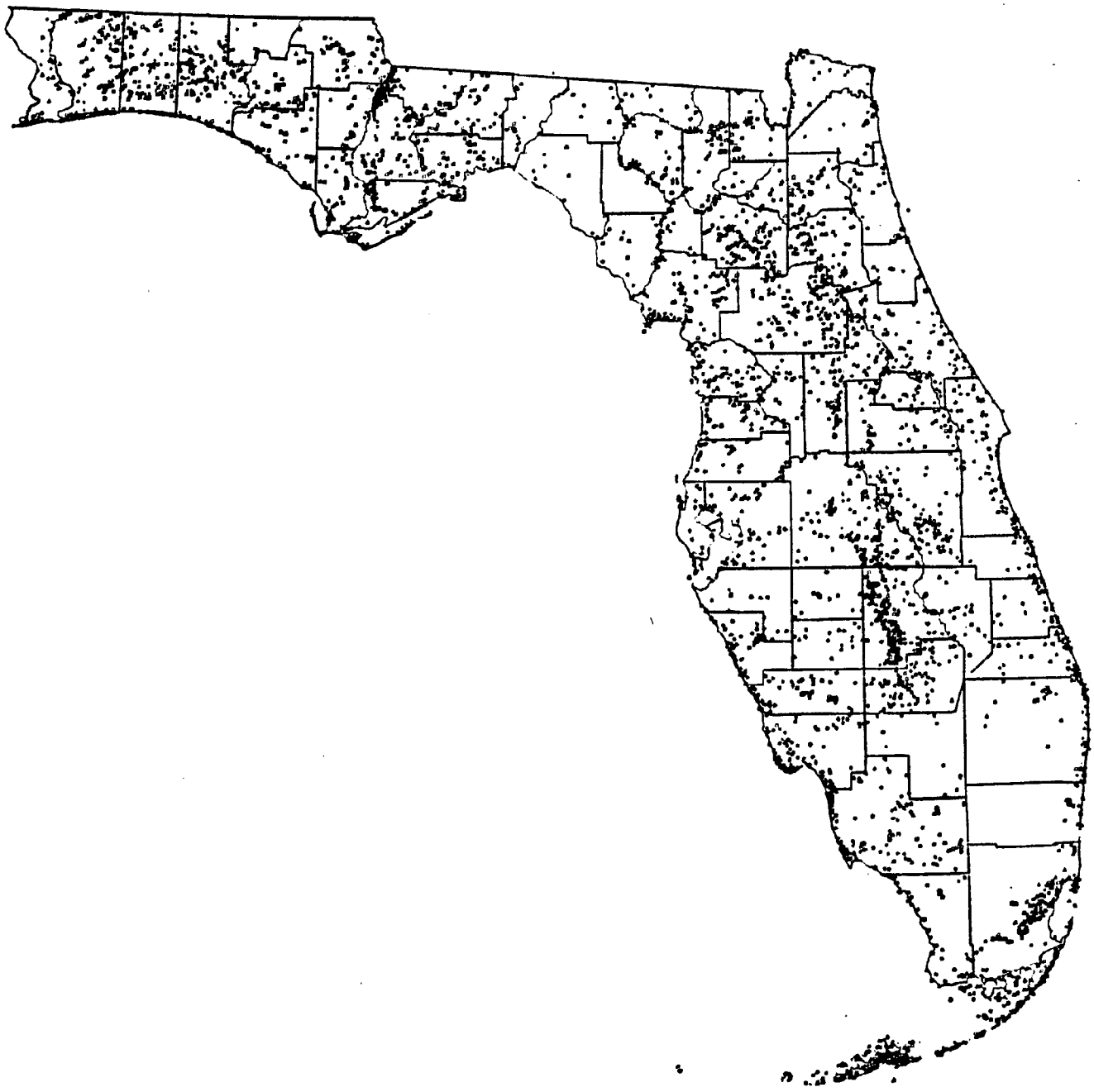
Number of Occurrences:	Special Plants	Special Animals	Natural Communities	Totals
transcribed	225	210	37	472
mapped	227	240	37	504
quality-controlled	223	214	19	456
modified	12	76	0	88

All data generated by the Coastal Management-supported staff were entered in FNAI's data base and are incorporated in replies to pertinent data requests. Data acquired and processed under the CZM grant will continue to be updated and made available for data request replies after the end of the grant period.

Coastal Botany/Ecology

Initially in-house data, e.g., herbarium records and field survey reports, were used to map occurrences of the 36 coastal plant species and coastal community types. The ranks of all coastal species were then reviewed and revised to reflect their status based on information from the data base and from library research on their worldwide distribution and abundance. As the result of this research, three species were added to FNAI's list and two were deleted. Species added were: Godfrey's golden-aster (*Chrysopsis godfreyi*), Gulf rockrose (*Helianthemum arenicola*) and beach sand-squares (*Paronychia erecta*). Florida herbarium records of these species were mapped and several field trips along Florida's panhandle coast were made in June and July to determine their abundance and distribution. Beach berry (*Scaevola plumieri*) and bay cedar (*Suriana maritima*) were found to be too abundant in Florida to merit endangered status. Their occurrence records are retained, however, in case they should be added in the future. Library research also brought to light a panhandle location for Curtiss' sandgrass (*Calamovilfa curtissii*), previously known to exist only on Merritt Island, Brevard County, Florida. Field work in August and October uncovered over 20 sites for the sandgrass in Santa Rosa, Okaloosa and Walton Counties. This new information was given to the US Fish and Wildlife Service, who are tracking this species as a candidate for federal listing (Category 2).

Figure 1. State-wide distribution of computerized occurrence records in the Florida Natural Areas Inventory data base (December 1987).



Three regions of Florida's coast were identified as having large natural areas with potential for undergoing rapid development; these were field surveyed one to several times: the panhandle (Destin - Panama City) surveyed in July, August, and October; the southwest coast (Keewaydin Island - Cape Romano) surveyed in April, and the north-central Atlantic coast (Cape Canaveral - Palm Beach) surveyed in August and October. All occurrences of rare plants and natural communities found were added to the data base as well as information from local biologists in each area (Kennedy Space Center, Eglin Air Force Base, The Conservancy, Inc. in Naples, etc.). Table 2 summarizes the botanical work conducted during this contract period.

The data thus acquired were used as the need arose to comment on management plans for coastal parks, to suggest modifications of the areas proposed for inclusion in the 1987 Coastal Barriers Resources Act, and to aid the data manager in answering those requests from state and federal agencies that were related to the coast.

Coastal Zoology

Field surveys for rare vertebrates are often time-consuming and produce small amounts of data relative to cost; therefore, coastal zoology efforts concentrated on obtaining and processing existing element occurrence information from research biologists, literature reviews and museum repository sheets. However, a small percentage of element occurrences were procured by staff field work. Table 3 lists all animal species addressed during the contract period.

Personnel representing many state and federal agencies, universities, non-profit research organizations, environmental consultants, and private individuals were contacted for information on coastal element occurrences on public and private lands. Examples of contacts include:

Federal - U.S. Fish and Wildlife Service (Office of Endangered Species and National Wildlife Refuges - Key Deer NWR, St. Marks NWR)
National Park Service (Everglades National Park - South Florida Research Center)
National Zoological Park
U.S. Forest Service
Apalachicola National Estuarine Research Reserve

State - Florida Game and Fresh Water Fish Commission (Nongame Program, Endangered Species Coordinator, and Office of Environmental Services)
Department of Natural Resources
Florida State Museum
Department of Environmental Regulation (Coastal Zone Management)

Universities -
University of Florida
Auburn
Pennsylvania State
University of Rhode Island

Table 2. Summary of botanical work conducted through the Coastal Zone Management contract.

Taxa	New rank	Old rank	No. mapped	Areas surveyed	Survey dates
Asimina tetramera		G1/S1	2	Rio	27 Aug 30 Oct
Calamovilfa curtissi	G1G2/S1S2	G1/S1	20	panhandle	17-19 Aug 5-9 Oct
Catesbaea parviflora	G2G3	G?/S1			
Cereus eriophorus var *fragrans*	G2G3T1/S1	GUT1/S1	4	Savannas State Reserve	28 Aug 30 Oct
Cereus gracilis		G2G3/S2S3	2		
Cereus robinii		G1/S1			
Chamesyce cumulicola		G2/S2	8		
Chrysopsis godfreyi	G2/S2		20	Crooked Island Perdido Key Deer Lake	Oct/Nov 6 Oct 19 Apr
Chrysopsis gossypina var *cruiseana*		G3G5T2/S2	7	Deer Lake Santa Rosa Island (Eglin AFB) Henderson Bch State Rec. Area	19 Apr 9 Oct 18 Aug 20 Oct
Conradina grandiflora		G3/S3	12	Savannas State Reserve Cocoa scrub	27 Aug 30 Oct 29 Oct
Dicerandra immaculata		G1/S1			
Eragrostis tracyi		G2/S2	3		
Eriochloa michauxii var *simpsonii*		G2?T2Q/S1S2			
Ernodea littoralis	G4/S3	G?/S3S4	6		
Euphorbia garberi		G2/S2	2		
Glandularia maritima	G2/S2	G1G2/S1S2	14	Wabasso Bch	27 Oct
Glandularia tampensis		G1/S1	7		

Table 2. (continued)

Helianthemum arenicola	G3G4/S3		4	Crooked Island Shell Island Santa Rosa Island Grayton Beach S.P.	Oct/Nov 11 July 24 April 20 Aug
Helianthus debilis ssp *vestitus*		G5T2/S2	7		
Hippomane mancinella	G3G4/S2	G?/S2			
Hymenocallis latifolia	G2G4/S2S3	U/S2S3			
Jacquemontia reclinata		G1/S1	2		
Jacquinia keyensis	G4/S3	G3G5/S3			
Lechea lakelae		G1/S1			
Liatris provincialis		G2/S2	6		
Lupinus westianus		G2/S2	23	Deer Lake	19 Apr
Melanthera parvifolia		G2/S1		(not coastal)	
Okenia hypogaea	G3/S2	G2G3/S2S3	2		
Paronychia erecta	G3/S3		3		
Polygonella macrophylla	G2/S2	G2/S1	24	panhandle	5-9 Oct
Remirea maritima	G3/S1	G?/S1	4		
Scaevola plumieri	G5/S4	G5/S3S4		(de-listed)	
Sophora tomentosa	G4/S3	G3G5/S3	6		
Strumpfia maritima	G4/S1	G?/S2			
Suriana maritima	G5/S4	G3G5/S3		(de-listed)	
Tournefortia gnaphalodes	G4/S3	G3G5/S3	16		
Total: 36 taxa			Total: 204		

Table 3. Special Verte[illegible]ed staff.

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
** FISHES					
G3	S2	C2	LS	ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON
G3	S2	N	LS	FUNDULUS JENKINSI	SALTMARSH TOPMINNOW
G2Q	S2	N	LT	MENIDIA CONCHORUM	KEY SILVERSIDE
G5	S2	N	LS	RIVULUS MARMORATUS	RIVULUS
G1	S1	N	LS	STARKSIA STARCKI	KEY BLENNY
** AMPHIBIANS					
G4?	U	C2	N	+AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER
G3	S3	N	N	AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA
G2	S2	C2	LS	HAIDEOTRITON WALLACEI	GEORGIA BLIND SALAMANDER
G5T1T2	S1S2	C2	N	PSEUDOBRANCHUS STRIATUS LUSTRICOLUS	GULF HAMMOCK DWARF SIREN
G5	S3	C2	LS	RANA AREOLATA	GOPHER FROG
G4G5	S1	N	N	STEREOCHILUS MARGINATUS	MANY-LINED SALAMANDER
** REPTILES					
G5	S4	LTSA	LS	ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR
G3	S2	LT	LT	CARETTA CARETTA	LOGGERHEAD
G3	S2	LE	LE	CHELONIA MYDAS	GREEN TURTLE
G2?	S1	LE	LE	CROCODYLUS ACUTUS	AMERICAN CROCODILE
G3	S2	LE	LE	DERMOCHELYS CORIACEA	LEATHERBACK TURTLE
G5T1	S1	C2	LT	DIADOPHIS PUNCTATUS ACRICUS	KEY RINGNECK SNAKE
G4T3	S3	LT	LT	DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE
G5T2Q	S2	N	LS	ELAPHE GUTTATA POP 1	LOWER KEYS RED RAT SNAKE
G3?	S1	LE	LE	ERETMOCHELYS IMBRICATA	HAWKSBILL
G4?T2	S2	C2	LS	EUMECES EGREGIUS EGREGIUS	FLORIDA KEYS MOLE SKINK
G2	S2	C2	LS	GOPHERUS POLYPHEMUS	GOPHER TORTOISE
G5T2Q	S1S2	C2	LE	KINOSTERNON BAURII BAURII	KEY MUD TURTLE
G1	S1	LE	LE	LEPIDOCHELYS KEMPII	ATLANTIC RIDLEY
G5T2?	S2?	N	N	MALACLEMYS TERRAPIN RHIZOPHORARUM	MANGROVE TERRAPIN
G5T3	S3?	N	N	NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE
G5T1Q	S1	LT	LT	NERODIA FASCIATA TAENIATA	ATLANTIC SALT MARSH SNAKE
G5T3?	U	C2	LS	PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE
G5T1Q	S1	N	LT	STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE
G1G2Q	S1S2	C2	LT	TANTILLA OLITICA	RIM ROCK CROWNED SNAKE
G5T1Q	S1	N	LT	THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE
** BIRDS					
G4	S3?	N	N	ACCIPITER COOPERII	COOPER'S HAWK
G4T1	S1	LE	LE	AMMODRAMUS MARITIMUS MIRABILIS	CAPE SABLE SEASIDE SPARROW
G5T3	S3	LT	LT	APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY
G5T3	S3	N	LS	ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL
G4?	S3	N	N	BUTEO BRACHYURUS	SHORT-TAILED HAWK
G5	S4	N	N	CASMERODIUS ALBUS	GREAT EGRET
G4?	S2	C2	LT	CHARADRIUS ALEXANDRINUS	SNOWY PLOVER
G2	S2	LT	LT	CHARADRIUS MELODUS	PIPING PLOVER
G5	S3	N	N	COCCYZUS MINOR	MANGROVE CUCKOO
G1	S1	LE	LE	DENDROICA KIRTLANDII	KIRTLAND'S WARBLER
G5	S4	N	LS	EGRETTA CAERULEA	LITTLE BLUE HERON
G4	S2	C2	LS	EGRETTA RUFESCENS	REDDISH EGRET
G5	S4	N	LS	EGRETTA THULA	SNOWY EGRET
G5	S4	N	LS	EGRETTA TRICOLOR	TRICOLORED HERON
G5	S4	N	N	EUDOCIMUS ALBUS	WHITE IBIS
G4	SU	N	N	FALCO COLUMBARIUS	MERLIN
G3	S2	LT	LE	FALCO PEREGRINUS	PEREGRINE FALCON
G5T3T4	S3?	C2	LT	FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL
G5	S1	N	N	FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD
G5T2T3	S2S3	N	LT	GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE

Table 3. (continued)

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
** BIRDS (cont.)					
G5	S3	N	LS	HAEMATOPUS PALLIATUS	AMERICAN OYSTERCATCHER
G3	S2S3	LE	LT	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
G5	S1	N	N	HELMITHEROS VERMIVORUS	WORM-EATING WARBLER
G5	S4	N	N	IXOBRYCHUS EXILIS	LEAST BITTERN
G5	S2	LE	LE	MYCTERIA AMERICANA	WOOD STORK
G5	S3S4	N	LS*	PANDION HALIAETUS	OSPREY
G2	S2	LE	LT	PICOIDES BOREALIS	RED-COCKADED WOODPECKER
G5	S2	N	N	PLEGADIS FALCINELLUS	GLOSSY IBIS
G5	S2	PT	LT	POLYBORUS PLANCUS	CRESTED CARACARA
G5T3?	S3?	N	N	RALLUS LONGIROSTRIS SCOTTII	FLORIDA CLAPPER RAIL
G4?T1	S1	LE	LE	ROSTRHAMUS SOCIABILIS PLUMBEUS	SNAIL KITE
G5	S3	N	N	RYNCHOPS NIGER	BLACK SKIMMER
G5	S3	N	N	SETOPHAGA RUTICILLA	AMERICAN REDSTART
G4	S3	N	LT	STERNA ANTILLARUM	LEAST TERN
G5	S3	N	N	STERNA MAXIMA	ROYAL TERN
G4?	S2	N	N	STERNA SANDVICENSIS	SANDWICH TERN
G5	S3	N	N	VIREO ALTILOQUUS	BLACK-WHISKERED VIREO
* = Applicable in Monroe County only					
** MAMMALS					
G5T1	S1	C2	LS	MICROTUS PENNSYLVANICUS DUKECAMPBELLI	SALTMARSH VOLE
G5T3	S3?	C2	N	MUSTELA FRENATA PENINSULAE	FLORIDA WEASEL
G5T3	S3	C2	N	MUSTELA VISON LUTENSIS	FLORIDA MINK
G5T1	S1	LE	LE	NEOTOMA FLORIDANA SMALLI	KEY LARGO WOODRAT
G5T1	S1	LE	LE	ODOCOILEUS VIRGINIANUS CLAVIUM	KEY DEER
G2Q	S2	C1	LE	ORYZOMYS ARGENTATUS	SILVER RICE RAT
G5T1	S1	LE	LE	PEROMYSCUS GOSSYPINUS ALLAPATICOLA	KEY LARGO COTTON MOUSE
G5T1	S1	C2	N	PEROMYSCUS GOSSYPINUS ANASTASAE	ANASTASIA ISLAND COTTON MOUSE
G5T1	S1	C2	LE	PEROMYSCUS GOSSYPINUS RESTRICTUS	CHADWICK BEACH COTTON MOUSE
G5T1	S1	LE	LE	PEROMYSCUS POLIONOTUS ALLOPHRYS	CHOCTAWHATCHEE BEACH MOUSE
G5T1	S1	C2	N	+PEROMYSCUS POLIONOTUS NIVIEVENTRIS	SOUTHEASTERN BEACH MOUSE
G5T1	S1	C2	N	+PEROMYSCUS POLIONOTUS PHASMA	ANASTASIA BEACH MOUSE
G5T1	SH	LE	LE	PEROMYSCUS POLIONOTUS TRISSYLLEPSIS	PERDIDO KEY BEACH MOUSE
G5T2?	S2?	C2	N	PROCYON LOTOR AUSPICATUS	KEY VACA RACCOON
G5T2	S2	C2	LT	SCIURUS NIGER AVICENNIA	MANGROVE FOX SQUIRREL
G5T3	S3	C2	LS	SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL
G5T2	S2	3C	N	SIGMODON HISPIDUS EXSPUTUS	LOWER KEYS COTTON RAT
G5T1	S1	C2	LS	SOREX LONGIROSTRIS EIONIS	HOMOSSASSA SHREW
G5T2	S2	C2	N	+SYLVILAGUS PALUSTRIS HEFNERI	LOWER KEYS RABBIT
G5	S1	N	LS	TAMIAS STRIATUS	EASTERN CHIPMUNK
G2?	S2?	LE	LE	TRICHECHUS MANATUS	WEST INDIAN MANATEE
G5T3	S3	C2	LT*	URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR
* = Not applicable in Baker and Columbia counties and Apalachicola National Forest					
+ = Element added in 1987					

Non-profit Research Organizations -
Tall Timbers
Coastal Plains Institute
Savannah River Ecology Lab

Element files are continuously updated with items from the Endangered Species Technical Bulletin and Florida Game and Fresh Water Fish Commission's current endangered and threatened species list. Element ranking forms are then revised as needed. This year 31 coastal special animal ranking forms were reviewed and subsequently 15 were modified.

Identification of additional species to track is an ongoing process. In the past year, coastal zoology staff processed data sets from the Lower Keys and peninsular Florida. The Keys data set provided occurrence information for 13 species of reptiles, 4 species of mammals (including Key deer and Lower Keys rabbit), and 2 species of birds. The peninsular subcontract provided occurrence data for 1 species of amphibians, 3 species of reptiles, 2 species of mammals, and 6 species of birds. Results of a status survey for mammals conducted along the East coast were also processed. From these primary sources, 4 new species were added to FNAI's Special Animal list. Each new species is currently under Category 2 review by the U.S. Fish and Wildlife Service.

All available data on an Everglades endemic, the Cape Sable seaside sparrow (*Ammodramus maritimus mirabilis*) were processed. Status surveys for this federally endangered species are conducted periodically by the US Fish and Wildlife Service. FNAI acquired results of other large scale surveys including snail kite (*Rostrhamus sociabilis plumbeus*) nesting concentrations and winter roost sites, marine turtle nesting beach data from the Keys and the Panhandle, statewide surveys for breeding colonies of least terns (*Sterna antillarum*) and wading bird rookeries. Additional data processing addressed other coastal elements including the piping plover (*Charadrius melodus*), southeastern beach mouse (*Peromyscus polionotus niveiventris*), and West Indian manatee (*Trichechus manatus*).

Specific coastal animal species for which data were requested included: *Sylvilagus palustris hefneri*, *Peromyscus polionotus allophrys*, *Athene cunicularia floridana*, and *Buteo brachyurus*. However, many other requests processed by FNAI incorporated coastal zoology data.

List of Appendices

A. FNAI element lists with element rank explanations.

B. Explanation and examples of Element Occurrence Records.

C. Coastal Zone Mangement-supported FNAI staff.

D. Summary of FNAI computerized occurrence records of species and natural communities for coastal counties of Florida.

Appendix A. FNAI element lists with element rank explanations.

FLORIDA NATURAL AREAS INVENTORY

Element Rank Explanations

An element is any exemplary or rare component of the natural environment, such as a species, plant community, bird rookery, spring, sinkhole, cave, or other ecological feature. An element occurrence (EO) is a single extant habitat which sustains or otherwise contributes to the survival of a population or a distinct, self-sustaining example of a particular element. The major function of the Florida Natural Areas Inventory is to define the state's elements of natural diversity, then collect information about each element occurrence.

The Florida Natural Areas Inventory assigns 2 ranks for each element. The global element rank is based on a element's worldwide status; the state element rank is based on the status of the element in Florida. Element ranks are based on many factors, the most important ones being estimated number of element occurrences (EOs), estimated abundance (number of individuals for species; area for natural communities), range, estimated adequately protected EOs, relative threat of destruction, and ecological fragility.

Global Element Rank (priority)

- **G1** = Critically imperiled globally because of extreme rarity (5 or fewer occurrences or less than 1000 individuals) or because of extreme vulnerability to extinction due to some natural or man-made factor.
- **G2** = Imperiled globally because of rarity (6 to 20 occurrences or less than 3000 individuals) or because of vulnerability to extinction due to some biological or man-made factor.
- **G3** = Either very rare and local throughout its range (21-100 occurrences or less than 10,000 individuals) or found locally in a restricted range or vulnerable to extinction because of other factors.
- **G4** = apparently secure globally (may be rare in parts of range)
- **G5** = demonstrably secure globally
- **GH** = of historical occurrence throughout range, may be rediscovered (e.g., ivory-billed woodpecker)
- **GX** = believed to be extinct throughout range
- **G#?** = Tentative rank (e.g., G2?)
- **G#G#** = range of rank; insufficient data to assign specific global rank (e.g., G2G3)
- **G#T#** = rank of taxonomic subgroup such as subspecies or variety; numbers have same definition as above (e.g., G3T1)
- **G#Q** = rank of questionable species - ranked as species but questionable whether it is species or subspecies; numbers have same definition as above (e.g., G2Q)
- **G#T#Q** = same as above, but validity as subspecies or variety is questioned.
- **GU** = due to lack of information, no rank or range can be assigned (e.g., GUT2).
- **G?** = not yet ranked (temporary)

State Element Rank (priority)

Definition parallels global element rank: substitute "S" for "G" in above global ranks, and "in state" for "globally" in above global rank definitions.

Additional state element ranks:

- **SA** = accidental in Florida, i.e., not part of the established biota
- **SE** = an exotic species established in state; may be native elsewhere in North America

FEDERAL/STATE LEGAL STATUS

FEDERAL

- **LE** = Listed as Endangered Species in the List of Endangered and Threatened Wildlife and Plants under the provisions of the Endangered Species Act. An "Endangered Species" is defined as any species which is in danger of extinction throughout all or a significant portion of its range.
- **PE** = Proposed for addition to the List of Endangered and Threatened Wildlife and Plants as Endangered Species.
- **LT** = Listed as Threatened Species. A "Threatened Species" is defined as any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- **PT** = Proposed for listing as Threatened Species.
- **C1** = Candidate Species for addition to the List of Endangered and Threatened Wildlife and Plants, Category 1. Taxa for which the U.S. Fish and Wildlife Service currently has substantial information on hand to support the biological appropriateness of proposing to list the species as endangered or threatened.
- **C2** = Candidate Species, Category 2. Taxa for which information now in possession of the U.S. Fish and Wildlife Service indicates that proposing to list the species as endangered or threatened is possibly appropriate, but for which conclusive data on biological vulnerability and threat(s) are not currently available to support proposed rules at this time.
- **3A** = Candidate Species, Category 3A. Taxa which are no longer being considered for listing as endangered or threatened because of persuasive evidence of extinction.
- **3B** = Candidate Species, Category 3B. Taxa which are no longer being considered for listing as endangered or threatened because the names do not represent taxa meeting the Endangered Species Act's definition of "species".
- **3C** = Candidate Species, Category 3C. Taxa that have proven to be more abundant or widespread than was previously believed and/or those that are not subject to any identifiable threat.
- **AC** = Agency Concern. Species which are not currently listed or candidates, but which are a matter of concern to the U.S. Fish and Wildlife Service.
- **LTSA** = Threatened due to similarity of appearance.
- **N** = Not currently listed, nor currently being considered for addition to the List of Endangered and Threatened Wildlife and Plants.

STATE

Animals

LE = Listed as Endangered Species by the Florida Game and Fresh Water Fish Commission. An Endangered Species is defined as a species, subspecies, or isolated population which is resident in Florida during a substantial portion of its life cycle and so few or depleted in number or so restricted in range of habitat due to any man-made or natural factors that it is in immediate danger of extinction or extirpation from the state, or which may attain such a status within the immediate future unless it or its habitat are fully protected and managed in such a way as to enhance its survival potential; or migratory or occasional in Florida and included as endangered on the United States Endangered and Threatened Species List. This definition does not include species occurring peripherally in Florida while common or under no threat outside the State.

LT = Listed as Threatened Species by the Florida Game and Fresh Water Fish Commission. A Threatened Species is defined as a species, subspecies, or isolated population which is resident in Florida during a substantial portion of its life cycle and which is acutely vulnerable to environmental alteration declining in number at a rapid rate, or whose range or habitat is declining in area at a rapid rate due to any man-made or natural factors and as a consequence is destined or very likely to become and endangered species within the foreseeable and predictable future unless appropriate protective measures or management techniques are initiated or maintained; or migratory or occasional in Florida and included as threatened on the United States Endangered and Threatened Species List. This definition does not include species occurring peripherally in Florida while common or under no threat outside the State.

LS = Listed as Species of Special Concern by the Florida Game and Fresh Water Fish Commission. A Species of Special Concern is defined as a species, subspecies, or isolated population which warrants special protection, recognition, or consideration because it occurs disjunctly or continuously in Florida and has a unique and significant vulnerability to habitat modification, environmental alteration, human disturbance, or substantial human exploitation which, in the foreseeable and predictable future, may result in its becoming a threatened species unless appropriate protective or management techniques are initiated or maintained; may already meet certain criteria for consideration as a threatened species but for which conclusive data are limited or lacking; may occupy such an unusually vital and essential ecological niche that should it decline significantly in numbers or distribution other species would be adversely affected to a significant degree; or has not sufficiently recovered from past population depletion.

N = Not currently listed, nor currently being considered for listing.

Plants

LE = Listed as Endangered Plants in the Preservation of Native Flora of Florida Act. "Endangered Plants" means species of plants native to the state that are in imminent danger of extinction within the state, the survival of which is unlikely if the causes of a decline in the number of plants continue, and includes all species determined to be endangered or threatened pursuant to the Federal Endangered Species Act of 1973, as amended.

PE = Proposed by the Florida Department of Agriculture as Endangered Plants.

LT = Listed as Threatened Plants in the Preservation of Native Flora of Florida Act. "Threatened plants" means species native to the state that are in rapid decline in the number of plants within the state, but which have not so decreased in such number as to cause them to be endangered.

PT = Proposed by the Florida Department of Agriculture for listing as Threatened Plants.

CE = Listed as a Commercially Exploited Plant in the Preservation of Native Flora of Florida Act. "Commercially Exploited Plants" means species native to the state which are subject to being removed in significant numbers form native habitats in the state and sold or transported for sale.

PC = Proposed by the Florida Department of Agriculture for listing as Commercially Exploited Plants.

(LT)= Listed threatened as a member of a larger group but not specifically listed by species name.

N = Not currently listed, nor currently being considered for listing.

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G5	S3	N	LE	ACROSTICHUM AUREUM	GOLDEN LEATHER FERN
G5	S1	N	LT	ACTAEA PACHYPODA	WHITE BANEBERRY
G?	S1	C2	LE	ACTINOSTACHYS PENNULA	RAY FERN
G5	S3S4	N	(LT)	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR FERN
G?	S1	N	LE	ADIANTUM MELANOLEUCUM	FRAGRANT MAIDENHAIR FERN
G3	S2	C2	N	AGRIMONIA INCISA	INCISED GROOVE-BUR
G1	S1	LE	LE	AMORPHA CRENULATA	CRENULATE LEAD-PLANT
G3G4	S2	N	N	AMYRIS BALSAMIFERA	BALSAM TORCHWOOD
G3	S3	3C	N	ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEM
G?	S2S3	N	N	ANEMIA WRIGHTII	WRIGHT'S ANEMIA
GU	S2	N	N	ANEMONE BERLANDIERI	TEXAS ANEMONE
G5	S1	N	LT	ANEMONELLA THALICTROIDES	RUE-ANEMONE
G5T1	S1	C2	LE	AQUILEGIA CANADENSIS VAR AUSTRALIS	MARIANNA COLUMBINE
G2	S2	C2	N	ARGYTHAMNIA BLODGETTII	BLODGETT'S WILD-MERCURY
G?	SE?	C1	LE	ARISTIDA FLORIDANA	KEYS WIRE-GRASS
G2	S1	C2	N	ARISTIDA SIMPLICIFLORA	SOUTHERN THREE-AWNED GRASS
G3	S3	N	LE	ASCLEPIAS CURTISSII	CURTISS' MILKWEED
G2	S2	C2	LT	ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED
G1	S1	LE	LE	ASIMINA TETRAMERA	FOUR-PETAL PAWPAW
G?	S2	N	LE	ASPLENIUM AURITUM	AURICLED SPLEENWORT
G?	S1S2	N	(LT)	ASPLENIUM DENTATUM	SLENDER SPLEENWORT
G2	S1S2	C2	(LT)	ASPLENIUM HETERORESILIENS	WAGNER'S SPLEENWORT
G4	S1	N	LE	ASPLENIUM MONANTHES	SINGLE-SORUS SPLEENWORT
G1G3	SU	C2	(LT)	ASPLENIUM PLENUM	
G?	S1	N	LE	ASPLENIUM PUMILUM	DWARF SPLEENWORT
G?	S1	N	LE	ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT
G2Q	S2	3B	N	ASTER PLUMOSUS	PLUMOSE ASTER
G1	S1	C2	LT	ASTER SPINULOSUS	PINE-WOODS ASTER
G5?TU	S1S3	N	N	ASTER VIMINEUS VAR VIMINEUS	APALACHICOLA RIVER ASTER
G2Q	S2	C2	LT	BAPTISIA HIRSUTA	HAIRY WILD INDIGO
G3	S2	3C	LT	BAPTISIA MEGACARPA	APALACHICOLA WILD INDIGO
G2G3	S2S3	C2	LT	BAPTISIA SIMPLICIFOLIA	SCARE-WEED
G5	S1	N	LE	BLECHNUM OCCIDENTALE	SINKHOLE FERN
G3	S3	LT	LE	BONAMIA GRANDIFLORA	FLORIDA BONAMIA
G4G5	S1	N	(LT)	BOTRYCHIUM LUNARIOIDES	WINTER GRAPE-FERN
G?	S1	N	N	BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK
G2G3	S1	N	N	BOURRERIA RADULA	ROUGH STRONGBARK
GU	SH	C2	(LT)	BRASSIA CAUDATA	SPIDER ORCHID
G1G3	S2	C2	LT	BRICKELLIA CORDIFOLIA	FLYR'S BRICKELL-BUSH
G1G2	S1S2	C2	N	BRICKELLIA MOSIERI	FLORIDA THOROUGHWORT BRICKELL-BUSH
G?	S1	N	LE	BULBOPHYLLUM PACHYRRACHIS	RAT-TAIL ORCHID
G5	S2	N	LT	BUMELIA LYCIOIDES	BUCKTHORN
G?	S1	N	LE	BURMANNIA FLAVA	FAKAHATCHEE BURMANNIA
G2?	S2	C2	LT	CACALIA DIVERSIFOLIA	VARIABLE-LEAVED INDIAN-PLANTAIN
G3	S3	C1	LT	CALAMINTHA ASHEI	ASHE'S SAVORY
G3	S3	C2	N	CALAMINTHA DENTATA	TOOTHED SAVORY
G1G2	S1S2	C2	N	CALAMOVILFA CURTISSII	CURTISS' SANDGRASS
G3G5	S2	N	LT	CALLIRHOE PAPAVER	WOODS POPPY-MALLOW
G1	S1	C2	LE	CAMPANULA ROBINSIAE	BROOKSVILLE BELLFLOWER
G?	S1	N	LE	CAMPYLOCENTRUM PACHYRRHIZUM	LEAFLESS ORCHID
G?	S1	N	LE	CAMPYLONEURUM ANGUSTIFOLIUM	NARROW STRAP FERN
GU	SU	C2	N	CANNA PERTUSA	TATTERED CANNA
G2?	S2	C2	N	CAREX BALTZELLII	BALTZELL'S SEDGE
G3?	S2	C2	N	CAREX CHAPMANII	CHAPMAN'S SEDGE
G2	S2	C1	LE	CASSIA KEYENSIS	BIG PINE PARTRIDGE PEA
G2G3	S1	N	LE	CATESBAEA PARVIFLORA	SMALL-FLOWERED LILY-THORN
G?	S1	N	LE	CATOPSIS BERTERONIANA	POWDERY CATOPSIS
G?	S1	N	(LT)	CATOPSIS NUTANS	NODDING CATOPSIS
G?	S1	N	LE	CELTIS IGUANAEA	IGUANA HACKBERRY
G?	S1	N	LE	CELTIS PALLIDA	SPINY HACKBERRY
G2?	S1S3	3C	N	CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA
G2G3T1	S1	LE	LE	CEREUS ERIOPHORUS VAR FRAGRANS	FRAGRANT WOOLY CACTUS
G2G3	S2S3	C2	LE	CEREUS GRACILIS	PRICKLY-APPLE
G1	S1	LE	LE	CEREUS ROBINII	KEY TREE-CACTUS

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G2	S2	C2	N	CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE
G2?T2	S2	LE	N	CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE
G2?T1	S1	C1	N	CHAMAESYCE DELTOIDEA SSP SERPYLLUM	WEDGE SPURGE
G2T1	S1	C1	N	CHAMAESYCE PORTERIANA VAR KEYENSIS	PORTER'S HAIRY-PODDED SPURGE
G2T2	S2	C1	N	CHAMAESYCE PORTERIANA VAR PORTERIANA	PORTER'S BROAD-LEAVED SPURGE
G2T2	S2	C1	N	CHAMAESYCE PORTERIANA VAR SCOPARIA	PORTER'S BROOM SPURGE
G?	S2	N	(LT)	CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN
G2	S2	LE	LE	CHIONANTHUS PYGMAEUS	PYGMY FRINGE-TREE
G1	S1	LE	LE	CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER
G2	S2	N	N	CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER
G3G5T2	S2	C1	LE	CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN ASTER
G4G5	S3?	N	N	CLEMATIS CATESBYANA	A VIRGIN'S BOWER
G3	S3	C1	LT	CLITORIA FRAGRANS	PIGEON-WING
G3G4	S3	N	LC	COCCOTHRINAX ARGENTATA	SILVER PALM
G1G3	S3	C2	N	COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS
G?	S1S2	N	N	COLUBRINA CUBENSIS	COLUBRINA
G1G2Q	S1S2	C1	LT	COMMELINA GIGAS	CLIMBING DAYFLOWER
G2	S2	C2	N	CONRADINA BREVIFOLIA	SHORT-LEAVED ROSEMARY
G1	S1	C2	LT	CONRADINA GLABRA	APALACHICOLA ROSEMARY
G3	S3	C2	N	CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY
G3G5	S2S3	N	LE	CORDIA SEBESTENA	GEIGER TREE
G5	S2	N	LT	CORNUS ALTERNIFOLIA	ALTERNATE-LEAF DOGWOOD
G4	S2	C2	LE	CROOMIA PAUCIFLORA	CROOMIA
G?	S2	N	N	CROSSOPETALUM ILICIFOLIUM	CHRISTMAS BERRY
G2?	S2S3	C2	N	CROTON ELLIOTTII	ELLIOTT'S CROTON
G5	S2S3	N	LT	CRYPTOTAENIA CANADENSIS	CANADA HONEWORT
G2Q	S2	3C	N	CTENIUM FLORIDANUM	FLORIDA TOOTHACHE GRASS
G1	S1	C2	LE	CUCURBITA OKEECHOBEENSIS	OKEECHOBEE GOURD
G?	S1	N	LE	CUPANIA GLABRA	CUPANIA
G2?	S2	C2	N	CUPHEA ASPERA	TROPICAL WAXWEED
G5	S2	N	N	CYNOGLOSSUM VIRGINIANUM	WILD COMPHREY
G?	S1	N	LE	CYRTOPODIUM PUNCTATUM	COW-HORNED ORCHID
G1	S1	LE	LE	DEERINGOTHAMNUS PULCHELLUS	BEAUTIFUL PAWPAW
G1	S1	LE	LE	DEERINGOTHAMNUS RUGELII	RUGEL'S PAWPAW
G?	S1	N	LE	DENNSTAEDTIA BIPINNATA	HAY SCENTED FERN
G1	S1	LE	LE	DICERANDRA CORNUTISSIMA	LONGSPURRED MINT
G1	S1	LE	LE	DICERANDRA FRUTESCENS	SCRUB MINT
G1	S1	LE	LE	DICERANDRA IMMACULATA	LAKELA'S MINT
G?	S2	N	N	DICHROMENA FLORIDENSIS	FLORIDA WHITE-TOP SEDGE
G1?	S1	C2	N	DIGITARIA FLORIDANA	FLORIDA CRABGRASS
G1?	S1	C2	N	DIGITARIA GRACILLIMA	LONGLEAF CRABGRASS
G1?	S1	C2	N	DIGITARIA PAUCIFLORA	FEW-FLOWERED CRABGRASS
G4	S3?	N	N	DIRCA PALUSTRIS	EASTERN LEATHERWOOD
G5	S3	N	LT	DROSERA INTERMEDIA	SPOON-LEAVED SUNDEW
G5	SH	N	N	ELEOCHARIS ROSTELLATA	BEAKED SPIKERUSH
G?	S1	N	LE	ELTROPLECTRIS CALCARATA	
G2G4T2	S2	C2	N	ELYTRARIA CAROLINIENSIS VAR ANGUSTIFOLIA	NARROW-LEAVED CAROLINA SCALYSTEM
G1G3T1	S1	C2	LE	ENCYCLIA BOOTHIANA VAR ERYTHRONIOIDES	DOLLAR ORCHID
G?	S1	N	LE	ENCYCLIA PYGMAEA	DWARF EPIDENDRUM
G?	S1	N	LE	EPIDENDRUM ACUNAE	ACUNA'S EPIDENDRUM
G?	S2	N	(LT)	EPIDENDRUM NOCTURNUM	NIGHT-SCENTED ORCHID
G5	S2	N	LE	EPIGAEA REPENS	TRAILING ARBUTUS
G2	S2	C2	LT	ERAGROSTIS TRACYI	SANIBEL LOVEGRASS
G2?T2Q	S1S2	C2	N	ERIOCHLOA MICHAUXII VAR SIMPSONII	A CUPGRASS
G3Q	S3	C2	LT	ERIOGONUM LONGIFOLIUM VAR GNAPHALIFOLIUM	SCRUB BUCKWHEAT
G4	S3	N	LT	ERNODEA LITTORALIS	BEACH-CREEPER
G1	S1	LE	N	ERYNGIUM CUNEIFOLIUM	WEDGE-LEAVED BUTTON-SNAKEROOTS
G3G5	S2	N	LT	ERYTHRONIUM UMBILICATUM	DIMPLED FAWN-LILY

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G4G5	S3S4	N	LT	EUGENIA CONFUSA	TROPICAL IRONWOOD
G?	S1	N	LE	EUGENIA RHOMBEA	RED STOPPER
G5	S2	N	N	EUONYMUS ATROPURPUREUS	BURNINGBUSH
G?	S2?	N	N	EUPHORBIA COMMUTATA	WOOD SPURGE
G1	S1	LT	LE	EUPHORBIA GARBERI	GARBER'S SPURGE
G1	S1	C2	N	EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE
G?T2	S2	C1	N	FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET
G2	S2	C2	N	GALACTIA PINETORUM	PINELAND MILK-PEA
G1	S1	LE	N	GALACTIA SMALLII	SMALL'S MILK-PEA
G2?	S2	3C	LE	GENTIANA PENNELLIANA	WIREGRASS GENTIAN
G2	S2	C2	N	GLANDULARIA MARITIMA	COASTAL VERVAIN
G1	S1	C1	N	GLANDULARIA TAMPENSIS	TAMPA VERVAIN
G5	S2	N	(LT)	GOODYERA PUBESCENS	DOWNY RATTLESNAKE PLANTAIN
G4G5	S3?	N	LE	GOSSYPIUM HIRSUTUM	WILD COTTON
G4G5	S2	N	LE	GUAIACUM SANCTUM	LIGNUM-VITAE
G?	S1	N	LE	GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD
G2?	S2	C2	N	GYMNOPOGON FLORIDANUS	FLORIDA BEARDGRASS
G1	S1	LE	LE	HARPEROCALLIS FLAVA	HARPER'S BEAUTY
G2	S2	C2	LT	HARTWRIGHTIA FLORIDANA	HARTWRIGHTIA
G2	S2	C1	LE	HEDEOMA GRAVEOLENS	MOCK PENNYROYAL
G5T1Q	S1	C2	N	HEDYOTIS NIGRICANS VAR PULVINATA	NARROW-LEAVED BLUETS
G3G4	S3	N	N	HELIANTHEMUM ARENICOLA	GULF ROCKROSE
G2	S2	C2	N	HELIANTHUS CARNOSUS	LAKE-SIDE SUNFLOWER
G5?T2	S2	C1	N	HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER
G?T1T3	S1S3	C2	N	HELIOTROPIUM POLYPHYLLUM VAR HORIZONTALE	PROSTRATE MANY-LEAVED TURNSOLE
G?	S2	N	LE	HEPATICA NOBILIS	LIVERLEAF
G5	S3	N	LT	HEXASTYLIS ARIFOLIA	HEARTLEAF
G3G4	S2	N	LT	HIPPOMANE MANCINELLA	MANCHINEEL
G?	S1	N	LE	HUPERZIA DICHOTOMA	HANGING CLUBMOSS
G5	S1	N	LT	HYDRANGEA ARBORESCENS	WILD HYDRANGEA
G3Q	S1	C2	N	HYMENOCALLIS CORONARIA	STREAM-BANK SPIDERLILY
G2G4	S2S3	3C	N	HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY
G2	S1	N	LT	HYPELATE TRIFOLIATA	INKWOOD
G2	S2	LE	LE	HYPERICUM CUMULICOLA	HIGHLANDS SCRUB HYPERICUM
G2	S2	C1	LT	HYPERICUM EDISONIANUM	EDISON'S ASCYRUM
G2	S2	C2	LE	HYPERICUM LISSOPHLOEUS	SMOOTH-BARKED ST. JOHN'S-WORT
G5	S2	C2	(LT)	ILEX AMELANCHIER	SERVICEBERRY HOLLY
G3	S3	3C	N	ILEX ARENICOLA	SCRUB HOLLY
G?	S2	N	LT	ILEX KRUGIANA	KRUG'S HOLLY
G3G5	S3	N	LT	ILLICIUM FLORIDANUM	FLORIDA ANISE
G1	S1	C2	LT	ILLICIUM PARVIFLORUM	STAR ANISE
G?	S2	N	LE	IONOPSIS UTRICULARIOIDES	DELICATE IONOPSIS
G5	S1	N	N	ISOPYRUM BITERNATUM	FALSE RUE-ANEMONE
G2	S2	C2	LE	JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA
G1	S1	C2	LE	JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA
G4	S3	N	LT	JACQUINIA KEYENSIS	JOEWOOD
G3?	S1	3C	N	JUNCUS GYMNOCARPUS	COVILLE'S RUSH
G1G2	S1S2	C1	LE	JUSTICIA COOLEYI	COOLEY'S WATER-WILLOW
G2?	S2	C2	N	JUSTICIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW
G5	S3	N	LT	KALMIA LATIFOLIA	MOUNTAIN LAUREL
G3	S3	C2	N	LECHEA CERNUA	NODDING PINWEED
G2	S2	C2	N	LECHEA DIVARICATA	PINE PINWEED
G1	S1	C2	N	LECHEA LAKELAE	LAKELA'S PINWEED
G3G4	S3	3C	LT	LEITNERIA FLORIDANA	CORKWOOD
G1G3	S1	C2	LE	LEPANTHOPSIS MELANANTHA	TINY ORCHID
G3	S3	C1	LE	LIATRIS OHLINGERAE	FLORIDA GAY-FEATHER
G2	S2	C2	LE	LIATRIS PROVINCIALIS	GODFREY'S BLAZING STAR
G?	S1	N	LE	LICARIA TRIANDRA	GULF LICARIA
G?	S2?	C2	N	LILAEOPSIS CAROLINENSIS	CAROLINA LILAEOPSIS
G4G5	S2	N	LT	LILIUM CATESBAEI	SOUTHERN RED LILY
G1	S1	C2	LE	LILIUM IRIDOLLAE	PANHANDLE LILY
G4G5	S1S2	N	N	LILIUM MICHAUXII	CAROLINA LILY
G5	S1	N	N	LILIUM SUPERBUM	TURK'S CAP LILY
G2	SH	LE	N	LINDERA MELISSIFOLIA	PONDBERRY

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G1G2	S1S2	C2	LE	LINUM ARENICOLA	SAND FLAX
G2T1	S1	C1	N	LINUM CARTERI VAR CARTERI	CARTER'S SMALL-FLOWERED FLAX
G2T2	S2	C1	N	LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX
G5?TU	S1?	C2	N	LINUM SULCATUM VAR HARPERI	HARPER'S GROOVED-YELLOW FLAX
G2	S2	C2	LT	LINUM WESTII	WEST'S FLAX
G4G5	S2	3C	LT	LITSEA AESTIVALIS	PONDSPICE
G1G3Q	S1S3	N	N	LUDWIGIA SPATHULIFOLIA	
G1	S1	LE	LE	LUPINUS ARIDORUM	BECKNER'S LUPINE
G2	S2	3C	LT	LUPINUS WESTIANUS	GULF COAST LUPINE
G1	S1	C2	N	LYTHRUM CURTISSII	CURTISS' LYTHRUM
G2G3	S2S3	C2	N	LYTHRUM FLAGELLARE	LOWLAND LOOSESTRIFE
G1	S1	C2	LE	MACBRIDEA ALBA	WHITE BIRDS-IN-A-NEST
G5	S2	N	LT	MAGNOLIA ACUMINATA	CUCUMBER MAGNOLIA
G2	S2	3C	LE	MAGNOLIA ASHEI	ASHE'S MAGNOLIA
G3	S2	N	LE	MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA
G5	S3	N	(LT)	MALAXIS UNIFOLIA	GREEN ADDER'S-MOUTH
G?	S1	N	LT	MARSHALLIA OBOVATA	BARBARA'S BUTTONS
G2	S1	C2	LE	MATELEA ALABAMENSIS	ALABAMA ANGLEPOD
G?	S1	N	LE	MATELEA BALDWYNIANA	BALDWYN'S SPINY-POD
G2	S2	C2	LE	MATELEA FLORIDANA	FLORIDA SPINY-POD
G?	S1	N	LE	MAXILLARIA CRASSIFOLIA	HIDDEN ORCHID
G5	S2	N	LT	MEDEOLA VIRGINIANA	INDIAN CUCUMBER-ROOT
G2Q	S2	C2	N	MELANTHERA PARVIFOLIA	SMALL-LEAVED MELANTHERA
G1Q	S1	C2	N	MINUARTIA GODFREYI	GODFREY'S SANDWORT
G5	S3	C2	N	MONOTROPA BRITTONII	INDIAN-PIPES
G5	S1	N	LE	MONOTROPA HYPOPITHYS	PINESAP
G1Q	S1	C2	LE	MONOTROPSIS REYNOLDSIAE	PIGMY-PIPES
G4T3	S3	C2	LT	MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY
G2G3	S2S3	C2	N	MYRIOPHYLLUM LAXUM	PIEDMONT WATER-MILFOIL
G2	S2	C2	LE	NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA
G1	S1	C2	LE	NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS
G2	S2	C2	N	NOLINA BRITTONIANA	BRITTON'S BEAR-GRASS
G5T2	S5T1T2	C2	N	NUPHAR LUTEUM SSP ULVACEUM	WEST FLORIDA COWLILY
G?	SH	N	N	NYMPHAEA BLANDA	SLEEPING-BEAUTY WATER-LILY
G3	S2	N	LE	OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK
G1G3Q	S1	N	LE	ONCIDIUM VARIEGATUM	DANCING-LADY ORCHID
G1G3	S1	3C	LE	OPHIOGLOSSUM PALMATUM	HAND FERN
G1	S1	C2	(LT)	OPUNTIA SPINOSISSIMA	FLORIDA SEMAPHORE CACTUS
G1G3	S1	C2	N	OPUNTIA TRIACANTHA	THREE-SPINED PRICKLY-PEAR
G5T3	S3	C2	LE	OXYPOLIS FILIFORMIS SSP GREENMANII	GIANT WATER-DROPWORT
G4G5	S1	N	LE	PACHYSANDRA PROCUMBENS	ALLEGHENY-SPURGE
G2	S2	N	N	PANICUM ABSCISSUM	CUTTHROAT GRASS
G5	S2?	C2	N	PANICUM NUDICAULE	NAKED-STEMMED PANIC GRASS
G2?Q	S2	C2	N	PANICUM PINETORUM	BONITA SPRINGS PANIC GRASS
G2	S1	C2	N	PARNASSIA CAROLINIANA	CAROLINA GRASS-OF-PARNASSUS
G3?	S2	N	LE	PARNASSIA GRANDIFOLIA	LARGE-FLOWERED GRASS-OF-PARNASSUS
G2	S2	LT	N	PARONYCHIA CHARTACEA	PAPER-LIKE NAIL-WORT
G3G4	S3	N	N	PARONYCHIA ERECTA	BEACH SAND-SQUARES
G4G5	S2S3	N	N	PAVONIA SPINIFEX	YELLOW HIBISCUS
G?	S3	N	N	PELTANDRA SAGITTIFOLIA	SPOON-FLOWER
G1G2	S1S2	C2	LE	PEPEROMIA FLORIDANA	EVERGLADES PEPEROMIA
G?	S1	N	LE	PEPEROMIA GLABELLA	CYPRESS PEPEROMIA
G3	S3	3C	N	PERSEA HUMILIS	SCRUB BAY
G?	SH	N	N	PHARUS PARVIFOLIUS	CREEPING-LEAF STALKGRASS
G?	S1	N	LE	PHORADENDRON RUBRUM	MAHOGONY MISTLETOE
G?T3	S3	C2	N	PHYLLANTHUS PENTAPHYLLUS VAR FLORIDANUS	FLORIDA FIVE-PETALED LEAF-FLOWER
G3G5	S3S5	C2	N	PHYSOSTEGIA LEPTOPHYLLA	SLENDER-LEAVED DRAGON-HEAD
G2	S2	C2	N	PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERWORT
G3?	S2	C2	N	PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
GX	SX	3A	N	PISONIA FLORIDANA	ROCK KEY DEVIL'S-CLAWS
G3	S3	C2	LE	PITYOPSIS FLEXUOSA	BENT GOLDEN-ASTER
G3G4	S3S4	3C	(LT)	PLATANTHERA INTEGRA	YELLOW FRINGELESS ORCHID
G?	S1	N	LT	PLEOPELTIS REVOLUTA	STAR-SCALE FERN
G5	S1	N	N	PODOPHYLLUM PELTATUM	MAY APPLE
G4T2	S2	C2	N	POLYGALA BOYKINII VAR SPARSIFOLIA	BOYKIN'S FEW-LEAVED MILKWORT
G1?	S1	C1	LE	POLYGALA LEWTONII	LEWTON'S POLYGALA
G1	S1	LE	LE	POLYGALA SMALLII	TINY POLYGALA
G3	S3	LE	N	POLYGONELLA BASIRAMIA	HAIRY JOINTWEED
G2	S2	C1	LT	POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED
G2G3	S2S3	3C	N	POLYGONELLA MYRIOPHYLLA	SMALL'S JOINTWEED
G?	S2	N	LT	POLYGONUM MEISNERIANUM	MEXICAN TEAR-THUMB
G2G3	S1?	C2	N	POLYMNIA LAEVIGATA	TENNESSEE LEAFCUP
G?	S2	N	LE	POLYRRHIZA LINDENII	GHOST ORCHID
GU	SU	C2	N	POTAMOGETON FLORIDANUS	FLORIDA PONDWEED
G2G3	S2S3	LE	LT	PRUNUS GENICULATA	SCRUB PLUM
GU	S1	N	LE	PSEUDOPHOENIX SARGENTII	FLORIDA CHERRY-PALM
G3G4	S2	C2	(LT)	PTEROGLOSSASPIS ECRISTATA	A WILD COCO
G3	S3	3C	N	PYCNANTHEMUM FLORIDANUM	FLORDIA MOUNTAIN-MINT
G3G4	S1S2	N	N	QUERCUS ARKANSANA	ARKANSAS OAK
G3	S1	N	LE	REMIREA MARITIMA	BEACH-STAR
G?	S1	N	LE	RESTREPIELLA OPHIOCEPHALA	SNAKE ORCHID
G2	S2	C2	LE	RHEXIA PARVIFLORA	A MEADOWBEAUTY
G2	S2	C2	N	RHEXIA SALICIFOLIA	PANHANDLE MEADOWBEAUTY
G3G5	SX	3C	LE	RHIPSALIS BACCIFERA	MISTLETOE CACTUS
G3G4	S3	3C	LE	RHODODENDRON AUSTRINUM	ORANGE AZALEA
G1G2	S1S2	LE	LE	RHODODENDRON CHAPMANII	CHAPMAN'S RHODODENDRON
G3	S3	C2	N	RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN
G1	S1	N	N	RHYNCHOSPORA CRINIPES	
G1	S1?	3C	N	RHYNCHOSPORA CULIXA	GEORGIA BEAKED-RUSH
G1?	SU	C2	N	RHYNCHOSPORA PUNCTATA	PINELAND BEAKED-RUSH
G1	S1	LT	LE	RIBES ECHINELLUM	MICCOSUKEE GOOSEBERRY
G2Q	S2	C1	LE	ROYSTONEA ELATA	FLORIDA ROYAL PALM
G3	S1	C2	LE	RUDBECKIA NITIDA	ST. JOHN'S-SUSAN
G4T1T3	S1	C2	N	RUDBECKIA TRILOBA VAR PINNATILOBA	PINNATE-LOBED CONEFLOWER
GUQ	S1	PE	N	SABAL MIAMIENSIS	MIAMI PALMETTO
G2	S1	N	LE	SACHSIA BAHAMENSIS	BAHAMA SACHSIA
G4T1T2	S2	C2	(LT)	SACOILA LANCEOLATA VAR PALUDICOLA	A LADIES'-TRESSES
G2	S2	C2	LT	SALIX FLORIDANA	FLORIDA WILLOW
GHQ	SH	3B	N	SALVIA BLODGETTII	BLODGETT'S SAGE
G?	S1	N	N	SALVIA CHAPMANII	CHAPMAN'S SAGE
G3G5	S3	C2	LE	SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT
G3?	S2	C2	LE	SARRACENIA RUBRA	SWEET PITCHER-PLANT
G?	S2	3C	LT	SCHISANDRA COCCINEA	SCHISANDRA
G2?	S2	C2	N	SCHIZACHYRIUM NIVEUM	RIPARIAN AUTUMNGRASS
G1G3	S1	C2	LE	SCHIZAEA GERMANII	TROPICAL CURLY-GRASS
G1G2	S1	C2	N	SCHWALBEA AMERICANA	CHAFFSEED
G1	S1	C2	N	SCUTELLARIA FLORIDANA	FLORIDA SKULLCAP
G?	S3S4	N	LT	SELAGINELLA APODA	MEADOW SPIKEMOSS
G?	S2	N	N	SELAGINELLA EATONII	EATON'S SPIKEMOSS
G?	S3S4	N	LT	SELAGINELLA LUDOVICIANA	GULF SPIKEMOSS
G3?Q	S3?	C2	N	SIDA RUBROMARGINATA	RED-MARGINED SIDA
G2	S2	C1	N	SILENE POLYPETALA	FRINGED CAMPION
G1Q	S1	C2	N	SIUM FLORIDANUM	FLORIDA WATER-PARSNIP
G4G5TH	SH	3A	N	SOLANUM BAHAMENSE VAR RUGELII	RUGEL'S KEY WEST HORSE-NETTLE
G5T3T5	S3S5	C2	N	SOLANUM CAROLINENSE VAR FLORIDANUM	
G4	S3	N	N	SOPHORA TOMENTOSA	NECKLACE POD
G1	S1	C2	LT	SPHENOSTIGMA COELESTINUM	BARTRAM'S IXIA
G1	S1	C2	LE	SPIGELIA GENTIANOIDES	GENTIAN PINKROOT
G1G2	S1S2	3C	LE	SPIGELIA LOGANIOIDES	A PINKROOT
G1G3	S1S2	C2	LE	SPIRANTHES POLYANTHA	GREEN LADIES-TRESSES
GUT1	S1	C2	N	STACHYS HYSSOPIFOLIA VAR LYTHROIDES	TALLAHASSEE HEDGE-NETTLE
G5	S1	N	LT	STAPHYLEA TRIFOLIA	AMERICAN BLADDERNUT
G4G5	S3	N	LE	STEWARTIA MALACODENDRON	SILKY CAMELLIA

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G4G5T2	S2	C2	N	STILLINGIA SYLVATICA SSP TENUIS	A QUEEN'S DELIGHT
G4	S1	N	LE	STRUMPFIA MARITIMA	PRIDE-OF-BIG-PINE
G2	S2	C1	LE	TAXUS FLORIDANA	FLORIDA YEW
G2?	S1	N	LE	TECTARIA CORIANDRIFOLIA	HATTIE BAUER HALBERD FERN
GH?Q	SH	C2	(LT)	TECTARIA X AMESIANA	AMES HALBERD FERN
G1Q	S1	C1	N	TEPHROSIA ANGUSTISSIMA	A DEVIL'S SHOESTRING
G1G3	S1	C2	N	TEPHROSIA MOHRII	PINELAND HOARY-PEA
G3G5	S3	N	LT	TETRAZYGIA BICOLOR	TETRAZYGIA
G1	S1	C1	N	THALICTRUM COOLEYI	COOLEY'S MEADOWRUE
GXQ	SX	N	(LT)	THELYPTERIS NACILENTA	EDWARD'S MAIDEN FERN
G4G5	S3	N	LC	THRINAX MORRISII	BRITTLE THATCH PALM
G4G5	S2	N	LC	THRINAX RADIATA	FLORIDA THATCH PALM
G3G5	S3	N	LT	TILLANDSIA FLEXUOSA	BANDED WILD-PINE
G?	S2	N	LE	TILLANDSIA PRUINOSA	FUZZY-WUZZY AIR-PLANT
G1	S1	LE	LE	TORREYA TAXIFOLIA	FLORIDA TORREYA
G4	S3	N	LE	TOURNEFORTIA GNAPHALODES	SEA LAVENDER
G2	S2	C2	N	TRAGIA SAXICOLA	PINELAND NOSEBURN
G3	S2	N	LE	TRILLIUM LANCIFOLIUM	NARROW-LEAVED TRILLIUM
G1	S1	C2	(LT)	TRIPHORA CRAIGHEADII	CRAIGHEAD'S NODDING-CAPS
GH	SH	C2	(LT)	TRIPHORA LATIFOLIA	BROAD-LEAVED NODDING-CAPS
G2	S2	C1	N	TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS
G?	S1	N	LE	TROPIDIA POLYSTACHYA	YOUNG-PALM ORCHID
G4?	S1	N	N	ULMUS CRASSIFOLIA	CEDAR ELM
G?	S1	N	N	UVULARIA FLORIDANA	FLORIDA MERRYBELLS
G?	S2	N	LE	VANILLA BARBELLATA	WORM-VINE ORCHID
G1G3	S1	N	(LT)	VANILLA MEXICANA	SCENTLESS VANILLA
G5	S2	3C	LE	VERATRUM WOODII	FALSE HELLEBORE
G2	S2	C2	LT	VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD
G2	S2	C1	N	VERBESINA HETEROPHYLLA	VARIABLE-LEAF CROWNBEARD
G1	S1	C1	LE	VICIA OCALENSIS	OCALA VETCH
G5	S1	N	LE	VIOLA HASTATA	HALBERD-LEAVED YELLOW VIOLET
G1	S1	LE	LE	WAREA AMPLEXIFOLIA	CLASPING WAREA
G1	S1	LE	LE	WAREA CARTERI	CARTER'S WAREA
G3G5	S2	C2	N	XYRIS DRUMMONDII	DRUMMOND'S YELLOW-EYED GRASS
G2?	S2	C2	N	XYRIS ISOETIFOLIA	QUILLWORT YELLOW-EYED GRASS
G2	S2	3C	LE	XYRIS LONGISEPALA	KARST POND XYRIS
G1G2Q	S1	C2	LT	XYRIS SCABRIFOLIA	HARPER'S YELLOW-EYED GRASS
G?	S1	N	LE	ZANTHOXYLUM FLAVUM	YELLOWHEART, SATINWOOD
G2G4	S2S3	3C	LE	ZEPHYRANTHES SIMPSONII	RAIN LILY
GH	SH	C2	N	ZIZIA LATIFOLIA	BRISTOL GOLDEN ALEXANDERS
G1	S1	C2	N	ZIZIPHUS CELATA	

NUMBER OF ELEMENTS: 350

FLORIDA NATURAL AREAS INVENTORY

SPECIAL VERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
** FISHES					
G5	S3	N	N	ACANTHARCHUS POMOTIS	MUD SUNFISH
G3	SA	LE	LE	ACIPENSER BREVIROSTRUM	SHORTNOSE STURGEON
G3	S2	C2	LS	ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON
G5	S3	N	N	AGONOSTOMUS MONTICOLA	MOUNTAIN MULLET
G3	S1	C2	LT	AMMOCRYPTA ASPRELLA	CRYSTAL DARTER
G5	SU	N	N	AWAOUS TAJASICA	RIVER GOBY
G5	S2	N	N	BAIRDIELLA SANCTAELUCIAE	STRIPED CROAKER
G5T2	S2	N	LS	CYPRINODON VARIEGATUS HUBBSI	LAKE EUSTIS PUPFISH
G5T2Q	S2	N	N	CYPRINODON VARIEGATUS POP 1	FLORIDA KEYS SHEEPSHEAD MINNOW
G5	S3	N	N	ENNEACANTHUS CHAETODON	BLACKBANDED SUNFISH
G4	S1	N	LS	ETHEOSTOMA HISTRIO	HARLEQUIN DARTER
G2	S2	LE	LE	ETHEOSTOMA OKALOOSAE	OKALOOSA DARTER
G5	S1	N	LS	ETHEOSTOMA OLMSTEDI	TESSELLATED DARTER
G4	S2	N	N	ETHEOSTOMA PARVIPINNE	GOLDSTRIPE DARTER
G5	S2	N	N	ETHEOSTOMA PROELIARE	CYPRESS DARTER
G5T4	S3	N	N	FUNDULUS GRANDIS SAGUANUS	SOUTHERN GULF KILLIFISH
G3	S2	N	LS	FUNDULUS JENKINSI	SALTMARSH TOPMINNOW
G5T2Q	S2	N	N	FUNDULUS SIMILIS SSP 1	FLORIDA KEYS SOUTHERN LONGNOSE KILLIFISH
G3	S3	N	N	GAMBUSIA RHIZOPHORAE	MANGROVE GAMBUSIA
G3?	S3?	N	N	GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY
G5?	S2	N	N	HYBOGNATHUS HAYI	CYPRESS MINNOW
G5	S2	N	N	HYBOPSIS AESTIVALIS	SPECKLED CHUB
G4	S3	N	N	ICTALURUS BRUNNEUS	SNAIL BULLHEAD
G3	S3	N	N	ICTALURUS SERRACANTHUS	SPOTTED BULLHEAD
G5	S3	N	LS	LEPISOSTEUS SPATULA	ALLIGATOR GAR
G5T2Q	S2	N	N	LUCANIA PARVA POP 1	FLORIDA KEYS RAINWATER KILLIFISH
G2Q	S2	N	LT	MENIDIA CONCHORUM	KEY SILVERSIDE
G2G3	S2S3	N	LS	MICROPTERUS NOTIUS	SUWANNEE BASS
G2	S1	N	LS	MICROPTERUS SP 1	SHOAL BASS
G4	S1	N	LS	MOXOSTOMA CARINATUM	RIVER REDHORSE
G2	S2	N	N	MOXOSTOMA SP 1	GREYFIN REDHORSE
G2	S1	C2	LS	NOTROPIS CALLITAENIA	BLUESTRIPE SHINER
G5	S4	N	N	NOTROPIS CUMMINGSAE	DUSKY SHINER
G3	S2	N	N	NOTROPIS LEEDSI	BANNERFIN SHINER
G1	S1	C2	LE	NOTROPIS SP 2	BLACKMOUTH SHINER
G4	S4	N	N	NOTROPIS WELAKA	BLUENOSE SHINER
G3	S1S2	N	N	NOTROPIS ZONISTIUS	BANDFIN SHINER
G5	S3	N	N	OOSTETHUS BRACHYURUS	OPPOSUM PIPEFISH
G5	S1	N	N	PERCINA OUACHITAE	SADDLEBACK DARTER
G5	SA	N	N	PETROMYZON MARINUS	SEA LAMPREY
G5T2Q	S2	N	N	POECILIA LATIPINNA POP 1	FLORIDA KEYS SAILFIN MOLLY
G5	S2	N	LS	RIVULUS MARMORATUS	RIVULUS
G1	S1	N	LS	STARKSIA STARCKI	KEY BLENNY
G5	S3	N	N	UMBRA PYGMAEA	EASTERN MUDMINNOW
** AMPHIBIANS					
G4	S3?	C2	N	AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER
G5	S3?	N	N	AMBYSTOMA TIGRINUM	TIGER SALAMANDER
G3	S3	N	N	AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA
G5	S1	N	N	DESMOGNATHUS MONTICOLA	SEAL SALAMANDER
G2	S2	C2	LS	HAIDEOTRITON WALLACEI	GEORGIA BLIND SALAMANDER
G5	S2	N	N	HEMIDACTYLIUM SCUTATUM	FOUR-TOED SALAMANDER
G4	S3	AC	LS	HYLA ANDERSONII	PINE BARRENS TREEFROG
G3	S3	N	N	NOTOPHTHALMUS PERSTRIATUS	STRIPED NEWT
G5T1T2	S1S2	C2	N	PSEUDOBRANCHUS STRIATUS LUSTRICOLUS	GULF HAMMOCK DWARF SIREN
G5	S3	C2	LS	RANA AREOLATA	GOPHER FROG
G2	S2	N	LS	RANA OKALOOSAE	FLORIDA BOG FROG
G5	S2?	N	N	RANA VIRGATIPES	CARPENTER FROG
G4G5	S1	N	N	STEREOCHILUS MARGINATUS	MANY-LINED SALAMANDER

FLORIDA NATURAL AREAS INVENTORY

SPECIAL VERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
** REPTILES					
G5	S2	N	N	AGKISTRODON CONTORTRIX	COPPERHEAD
G5	S4	LTSA	LS	ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR
G3	S2	LT	LT	CARETTA CARETTA	LOGGERHEAD
G3	S2	LE	LE	CHELONIA MYDAS	GREEN TURTLE
G5	S3?	N	N	CLEMMYS GUTTATA	SPOTTED TURTLE
G2?	S1	LE	LE	CROCODYLUS ACUTUS	AMERICAN CROCODILE
G5	S3	N	N	CROTALUS HORRIDUS	CANEBRAKE RATTLESNAKE
G3	S2	LE	LE	DERMOCHELYS CORIACEA	LEATHERBACK TURTLE
G5T1	S1	C2	LT	DIADOPHIS PUNCTATUS ACRICUS	KEY RINGNECK SNAKE
G4T3	S3	LT	LT	DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE
G5T2Q	S2	N	LS	ELAPHE GUTTATA POP 1	LOWER KEYS RED RAT SNAKE
G3?	S1	LE	LE	ERETMOCHELYS IMBRICATA	HAWKSBILL
G5	S3	N	N	EUMECES ANTHRACINUS	COAL SKINK
G4?T2	S2	C2	LS	EUMECES EGREGIUS EGREGIUS	FLORIDA KEYS MOLE SKINK
G4?T1	S1	N	N	EUMECES EGREGIUS INSULARIS	CEDAR KEYS MOLE SKINK
G4?T2	S2	LT	LT	EUMECES EGREGIUS LIVIDUS	BLUE-TAILED MOLE SKINK
G5T?	S?	N	N	FARANCIA ERYTROGRAMMA SEMINOLA	SOUTH FLORIDA RAINBOW SNAKE
G2	S2	C2	LS	GOPHERUS POLYPHEMUS	GOPHER TORTOISE
G2	S2	C2	LS	GRAPTEMYS BARBOURI	BARBOUR'S MAP TURTLE
G4?	S2	N	LS	GRAPTEMYS PULCHRA	ALABAMA MAP TURTLE
G5T2Q	S2	C2	LE	KINOSTERNON BAURII BAURII	KEY MUD TURTLE
G5	S2S3	N	N	LAMPROPELTIS CALLIGASTER	MOLE SNAKE
G5T2	S2	N	N	LAMPROPELTIS GETULUS GOINI	APALACHICOLA COMMON KINGSNAKE
G1	S1	LE	LE	LEPIDOCHELYS KEMPII	ATLANTIC RIDLEY
G3?	S3?	C2	LS	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE
G5T2?	S2?	N	N	MALACLEMYS TERRAPIN RHIZOPHORARUM	MANGROVE TERRAPIN
G2	S2	LT	LT	NEOSEPS REYNOLDSI	SAND SKINK
G5T3	S3?	N	N	NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE
G5T1Q	S1	LT	LT	NERODIA FASCIATA TAENIATA	ATLANTIC SALT MARSH SNAKE
G5T3?	S?	C2	LS	PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE
G5T3	S3	3C	LS	PSEUDEMYS CONCINNA SUWANNIENSIS	SUWANEE COOTER
G3	S3	C2	N	SCELOPORUS WOODI	FLORIDA SCRUB LIZARD
G3	S3	C2	LT	STILOSOMA EXTENUATUM	SHORT-TAILED SNAKE
G5T1Q	S1	N	LT	STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE
G1G2Q	S1S2	C2	LT	TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE
G5T1Q	S1	N	LT	THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE
G5T4?	S2?	N	N	TRIONYX MUTICUS CALVATUS	GULF COAST SMOOTH SOFTSHELL
** BIRDS					
G4	S3?	N	N	ACCIPITER COOPERII	COOPER'S HAWK
G5	S2S3	N	LS	AJAIA AJAJA	ROSEATE SPOONBILL
G4T3	S1	N	N	AMMODRAMUS MARITIMUS FISHERI	LOUISIANA SEASIDE SPARROW
G4T2	S2	C2	LS	AMMODRAMUS MARITIMUS JUNCICOLUS	WAKULLA SEASIDE SPARROW
G4T1	S1	LE	LE	AMMODRAMUS MARITIMUS MIRABILIS	CAPE SABLE SEASIDE SPARROW
G4TX	SX	LE	LE	AMMODRAMUS MARITIMUS NIGRESCENS	DUSKY SEASIDE SPARROW
G4T2Q	S2?	C2	N	AMMODRAMUS MARITIMUS PELONOTUS	SMYRNA SEASIDE SPARROW
G4T2	S2	N	LS	AMMODRAMUS MARITIMUS PENINSULAE	SCOTT'S SEASIDE SPARROW
G4T1	S1	LE	LE	AMMODRAMUS SAVANNARUM FLORIDANUS	FLORIDA GRASSHOPPER SPARROW
G5	S1	N	N	ANOUS STOLIDUS	BROWN NODDY
G5T3	S3	LT	LT	APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY
G5	S3	N	LS	ARAMUS GUARAUNA	LIMPKIN
G5T2	S2	N	N	ARDEA HERODIAS OCCIDENTALIS	GREAT WHITE HERON
G5T3	S3	N	LS	ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL
G4?	S3	N	N	BUTEO BRACHYURUS	SHORT-TAILED HAWK
GH	SX	LE	LE	CAMPEPHILUS PRINCIPALIS	IVORY-BILLED WOODPECKER
G5	S4	N	N	CASMERODIUS ALBUS	GREAT EGRET
G4?	S2	C2	LT	CHARADRIUS ALEXANDRINUS	SNOWY PLOVER

FLORIDA NATURAL AREAS INVENTORY

SPECIAL VERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G2	S2	LT	LT	CHARADRIUS MELODUS	PIPING PLOVER
G4	S3	N	N	CHORDEILES GUNDLACHII	ANTILLEAN NIGHTHAWK
G5T3	S2	N	LS	CISTOTHORUS PALUSTRIS GRISEUS	WORTHINGTON'S MARSH WREN
G5T3	S3?	N	LS	CISTOTHORUS PALUSTRIS MARIANAE	MARIAN'S MARSH WREN
G5	S3	N	N	COCCYZUS MINOR	MANGROVE CUCKOO
G3	S2	C2	LT	COLUMBA LEUCOCEPHALA	WHITE-CROWNED PIGEON
GX	SX	N	N	CONUROPSIS CAROLINENSIS	CAROLINA PARAKEET
G5T3	S3	N	N	DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER
G5T3Q	S2S3	C2	N	DENDROICA DOMINICA STODDARDI	STODDARD'S YELLOW-THROATED WARBLER
G1	S1	LE	LE	DENDROICA KIRTLANDII	KIRTLAND'S WARBLER
G5T4	S3	N	LS	DENDROICA PETECHIA GUNDLACHI	CUBAN YELLOW WARBLER
GX	SX	N	N	ECTOPISTES MIGRATORIUS	PASSENGER PIGEON
G5	S4	N	LS	EGRETTA CAERULEA	LITTLE BLUE HERON
G4	S2	C2	LS	EGRETTA RUFESCENS	REDDISH EGRET
G5	S4	N	LS	EGRETTA THULA	SNOWY EGRET
G5	S4	N	LS	EGRETTA TRICOLOR	TRICOLORED HERON
G5	S1S3	N	N	ELANUS CAERULEUS	BLACK-SHOULDERED KITE
G5	S4	N	N	EUDOCIMUS ALBUS	WHITE IBIS
G4	SU	N	N	FALCO COLUMBARIUS	MERLIN
G3	S2	LT	LE	FALCO PEREGRINUS	PEREGRINE FALCON
G5T3T4	S3?	C2	LT	FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL
G5	S1	N	N	FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD
G3	SX	N	N	GEOTRYGON CHRYSIA	KEY WEST QUAIL-DOVE
G1	SX	LE	N	GRUS AMERICANA	WHOOPING CRANE
G5T2T3	S2S3	N	LT	GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE
G5	S3	N	LS	HAEMATOPUS PALLIATUS	AMERICAN OYSTERCATCHER
G3	S2S3	LE	LT	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE
G5	S1	N	N	HELMITHEROS VERMIVORUS	WORM-EATING WARBLER
G5	S4	N	N	IXOBRYCHUS EXILIS	LEAST BITTERN
G5	S3?	N	N	LATERALLUS JAMAICENSIS	BLACK RAIL
G5	S2	LE	LE	MYCTERIA AMERICANA	WOOD STORK
G5	S3?	N	N	NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON
G5	S3?	N	N	NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON
G5	S3S4	N	LS*	PANDION HALIAETUS	OSPREY
G5	S3	AC	LS	PELECANUS OCCIDENTALIS	BROWN PELICAN
G2	S2	LE	LT	PICOIDES BOREALIS	RED-COCKADED WOODPECKER
G5	S3?	N	N	PICOIDES VILLOSUS	HAIRY WOODPECKER
G5	S2	N	N	PLEGADIS FALCINELLUS	GLOSSY IBIS
G5	S2	LT	LT	POLYBORUS PLANCUS	CRESTED CARACARA
G5T3	S3	C2	N	RALLUS LONGIROSTRIS INSULARUM	MANGROVE CLAPPER RAIL
G5T3?	S3?	N	N	RALLUS LONGIROSTRIS SCOTTII	FLORIDA CLAPPER RAIL
G5	S1S2	N	N	RECURVIROSTRA AMERICANA	AMERICAN AVOCET
G4?T1	S1	LE	LE	ROSTRHAMUS SOCIABILIS PLUMBEUS	SNAIL KITE
G5	S3	N	N	RYNCHOPS NIGER	BLACK SKIMMER
G5	S3	N	N	SEIURUS MOTACILLA	LOUISIANA WATERTHRUSH
G5	S3	N	N	SETOPHAGA RUTICILLA	AMERICAN REDSTART
G5	S2	N	N	SITTA CAROLINENSIS	WHITE-BREASTED NUTHATCH
G4	S3	N	LT	STERNA ANTILLARUM	LEAST TERN
G5	S2?	N	N	STERNA CASPIA	CASPIAN TERN
G3	S1	PT	LT	STERNA DOUGALLII	ROSEATE TERN
G5	S1	N	N	STERNA FUSCATA	SOOTY TERN
G5	S3	N	N	STERNA MAXIMA	ROYAL TERN
G4?	S2	N	N	STERNA SANDVICENSIS	SANDWICH TERN
GH	SH	LE	LE	VERMIVORA BACHMANII	BACHMAN'S WARBLER
G5	S3	N	N	VIREO ALTILOQUUS	BLACK-WHISKERED VIREO
G5	SX	N	N	ZENAIDA AURITA	ZENAIDA DOVE

* = Applicable in Monroe County only

** MAMMALS

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G4	SX	LE	N	BISON BISON	BISON
G5T1	S1	C2	LS	BLARINA CAROLINENSIS SHERMANI	SHERMAN'S SHORT-TAILED SHREW
G4	SX	LE	N	CANIS LUPUS	GRAY WOLF
GH	SX	LE	N	CANIS RUFUS	RED WOLF
G5	S3	N	N	EPTESICUS FUSCUS	BIG BROWN BAT
G5?T2?	S2?	C2	N	EUMOPS GLAUCINUS FLORIDANUS	FLORIDA MASTIFF BAT
G4T1	S1	LE	LE	FELIS CONCOLOR CORYI	FLORIDA PANTHER

FLORIDA NATURAL AREAS INVENTORY

SPECIAL VERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G5THQ	SH	3A	LE	GEOMYS PINETIS GOFFI	GOFF'S POCKET GOPHER
G5	SU	N	N	LASIURUS CINEREUS	HOARY BAT
G5T1	S1	C2	LS	MICROTUS PENNSYLVANICUS DUKECAMPBELLI	SALTMARSH VOLE
GH	SH	LE	N	MONACHUS TROPICALIS	CARIBBEAN MONK SEAL
G5T4	S3?	N	N	MUSTELA FRENATA OLIVACEA	SOUTHEASTERN WEASEL
G5T3	S3?	C2	N	MUSTELA FRENATA PENINSULAE	FLORIDA LONG-TAILED WEASEL
G5T2?	S2?	C2	LT	MUSTELA VISON EVERGLADENSIS	EVERGLADES MINK
G5T3	S3	C2	N	MUSTELA VISON LUTENSIS	FLORIDA MINK
G5T5	S3	N	N	MUSTELA VISON MINK	SOUTHERN MINK
G2	S1	LE	LE	MYOTIS GRISESCENS	GRAY BAT
G5	SH	N	N	MYOTIS KEENII	KEEN'S BAT
G3	SH	LE	LE	MYOTIS SODALIS	INDIANA BAT
G3?	S3?	C2	N	NEOFIBER ALLENI	ROUND-TAILED MUSKRAT
G5T1	S1	LE	LE	NEOTOMA FLORIDANA SMALLI	KEY LARGO WOODRAT
G5T1	S1	LE	LE	ODOCOILEUS VIRGINIANUS CLAVIUM	KEY DEER
G2Q	S2	C1	LE	ORYZOMYS ARGENTATUS	SILVER RICE RAT
G5T1	S1	C2	N	ORYZOMYS PALUSTRIS PLANIROSTRIS	PINE ISLAND RICE RAT
G5T1	S1	C2	LS	ORYZOMYS PALUSTRIS SANIBELI	SANIBEL ISLAND RICE RAT
G5T1	S1	LE	LE	PEROMYSCUS GOSSYPINUS ALLAPATICOLA	KEY LARGO COTTON MOUSE
G5T1Q	S1	C2	N	PEROMYSCUS GOSSYPINUS ANASTASAE	ANASTASIA ISLAND COTTON MOUSE
G5T1	S1	C2	LE	PEROMYSCUS GOSSYPINUS RESTRICTUS	CHADWICK BEACH COTTON MOUSE
G5T1	S1	LE	LE	PEROMYSCUS POLIONOTUS ALLOPHRYS	CHOCTAWHATCHEE BEACH MOUSE
G5T1	S1	3A	LE	PEROMYSCUS POLIONOTUS DECOLORATUS	PALLID BEACH MOUSE
G5T1	S1	C2	N	PEROMYSCUS POLIONOTUS NIVEIVENTRIS	SOUTHEASTERN BEACH MOUSE
G5T1	S1	C2	N	PEROMYSCUS POLIONOTUS PHASMA	ANASTASIA BEACH MOUSE
G5T1	SH	LE	LE	PEROMYSCUS POLIONOTUS TRISSYLLEPSIS	PERDIDO KEY BEACH MOUSE
G4	S3?	C2	N	PLECOTUS RAFINESQUII	SOUTHEASTERN BIG-EARED BAT
G3	S3	C2	LS	PODOMYS FLORIDANUS	FLORIDA MOUSE
G5T2?	S2?	C2	N	PROCYON LOTOR AUSPICATUS	KEY VACA RACCOON
G5T2	S2	C2	LT	SCIURUS NIGER AVICENNIA	MANGROVE FOX SQUIRREL
G5T2	S2	C2	LS	SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL
G5T2	S2	3C	N	SIGMODON HISPIDUS EXSPUTUS	LOWER KEYS COTTON RAT
G5T1T2	S1S2	C2	N	SIGMODON HISPIDUS INSULICOLA	INSULAR COTTON RAT
G5T1	S1	C2	LS	SOREX LONGIROSTRIS EIONIS	HOMOSSASSA SHREW
G5T4	S4	N	N	SOREX LONGIROSTRIS LONGIROSTRIS	SOUTHEASTERN SHREW
G5T2	S2	C2	N	SYLVILAGUS PALUSTRIS HEFNERI	LOWER KEYS RABBIT
G5	S1	N	LS	TAMIAS STRIATUS	EASTERN CHIPMUNK
G2?	S2?	LE	LE	TRICHECHUS MANATUS	WEST INDIAN MANATEE
G5T3	S3	C2	LT*	URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR

* = Not applicable in Baker and Columbia counties and Apalachicola National Forest

NUMBER OF ELEMENTS: 214

FLORIDA NATURAL AREAS INVENTORY — MARCH 1986

SPECIAL INVERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STATUS	ST STATUS	NAME	COMMON NAME
PORIFERA					
U	U	C2	N	DOSILIA PALMERI	OKLAWAHA SPONGE
U	U	C2	N	EPHYDATIA SUBTILIS	KISSIMMEE SPONGE
CNIDARIA: ANTHOZOA					
U	U	N	N	ACROPORA CERVICORNIS	STAGHORN CORAL
U	U	N	N	ACROPORA PALMATA	ELKHORN CORAL
U	U	N	N	ACROPORA PROLIFERA	STAGHORN CORAL
U	U	N	N	AGARICIA AGARICITES	LETTUCE CORAL
U	U	N	N	COLPOPHYLLIA NATANS	GIANT BRAIN CORAL
U	U	N	N	DENDROGYRA CYLINDRUS	PILLAR CORAL
U	U	N	N	DIPLORIA CLIVOSA	BRAIN CORAL
U	U	N	N	DIPLORIA LABYRINTHIFORMIS	BRAIN CORAL
U	U	N	N	DIPLORIA STRIGOSA	BRAIN CORAL
U	U	N	N	EUSMILIA FASTIGIATA	FLOWER CORAL
U	U	N	N	MEANDRINA MEANDRITES	BRAIN CORAL
U	U	N	N	MONTASTREA ANNULARIS	SMALL STAR CORAL
U	U	N	N	MONTASTREA CAVERNOSA	LARGE STAR CORAL
U	U	N	N	MUSSA ANGULOSA	LARGE FLOWER CORAL
U	U	N	N	SIDERASTREA SIDEREA	STARLET CORAL
MOLLUSCA: GASTROPODA					
U	U	N	N	AMNICOLA SP 1	
G1	S1	C2	N	APHAOSTRACON ASTHENES	BLUE SPRING APHAOSTRACON
G1	S1	N	N	APHAOSTRACON CHALAROGYRUS	LOOSE-COILED SNAIL
G1	S1	C2	N	APHAOSTRACON MONAS	WEKIWA SPRING APHAOSTRACON
G1	S1	C2	N	APHAOSTRACON PYCNUS	THICK-SHELLED APHAOSTRACON
G1	S1	N	N	APHAOSTRACON THEIOCRENETUS	SULFUR SPRING APHAOSTRACON
G1	S1	C2	N	APHAOSTRACON XYNOELICTUS	FENNEY SPRINGS APHAOSTRACON
G1	S1	C2	N	CINCINNATIA HELICOGYRA	HELICOID SPRING SNAIL
G1	S1	C2	N	CINCINNATIA MICA	SAND GRAIN SNAIL
G1	S1	C2	N	CINCINNATIA MONROENSIS	ENTERPRISE SPRING SNAIL
G1	S1	C2	N	CINCINNATIA PARVA	BLUE SPRING SNAIL
G1	S1	C2	N	CINCINNATIA PONDEROSA	PONDEROSA SPRING SNAIL
G1	S1	C2	N	CINCINNATIA VANHYNINGI	SEMINOLE SPRING SNAIL
G1	S1	C2	N	CINCINNATIA WEKIWAE	WEKIWA SPRING SNAIL
U	SU	N	N	DRYMAEUS MULTILINEATUS FORM LATIZONATUS	WIDE-BANDED FOREST SNAIL
U	U	N	N	ELIMIA ALBANYENSIS	
G2	S2	N	N	ELIMIA CLENCHI	CLENCH'S ELIMIA
U	S2	N	LS	LIGUUS FASCIATUS MATECUMBENSIS	FLORIDA TREE SNAIL
U	S1	N	LS	LIGUUS FASCIATUS SEPTENTRIONALIS	FLORIDA TREE SNAIL
U	S1	N	LS	LIGUUS FASCIATUS SOLIDUS	FLORIDA TREE SNAIL
G3	S3	N	N	ORTHALICUS FLORIDENSIS	BANDED TREE SNAIL
G2T2	S2	N	N	ORTHALICUS RESES NESODRYAS	FLORIDA KEYS TREE SNAIL
G2T1	S1	LT	LT	ORTHALICUS RESES RESES	STOCK ISLAND TREE SNAIL
U	U	C2	N	VERTIGO HEBARDI	
MOLLUSCA: BIVALVIA					
U	U	C2	N	ALASMIDONTA WRIGHTIANA	A MUSSEL
G2	S2	N	N	LAMPSILIS HADDLETONI	HADDLETON'S LAMPSILID CLAM
G3?	S3?	N	N	PANOPEA BITRUNCATA	ATLANTIC GEODUCK
G2	S2	N	N	PTYCHOBRANCHUS JONESI	JONES' LAMPSILID CLAM
G2	S2	C2	N	VILLOSA CHOCTAWENSIS	ATHEARN'S VILLOSA
ARACHNIDA: AMBLYPYGI					
U	U	N	N	PARAPHRYNUS RAPTATOR	DUSKY-HANDED TAILLESS WHIP SCORPION
ARACHNIDA: ARANEAE					
U	U	C2	N	CEGONIA IRVINGI	KEY GNAPHOSID SPIDER
U	U	C2	N	CYCLOCOSMIA TORREYA	TORREYA TRAP-DOOR SPIDER
U	U	N	N	EUSTALA ELEUTHRA	ORB WEAVER
U	U	N	N	GEOLYCOSA XERA	MCCRONE'S BURROWING WOLF SPIDER
U	U	N	N	HABROCESTUM PARVULUM	JUMPING SPIDER
U	U	N	N	LATRODECTUS BISHOPI	RED WIDOW SPIDER
U	U	C2	N	LYCOSA ERICETICOLA	ROSEMARY WOLF SPIDER
U	U	N	N	PHIDIPPUS XERUS	JUMPING SPIDER
U	U	C2	N	SOSIPPUS PLACIDUS	LAKE PLACID FUNNEL WOLF SPIDER
U	U	N	N	SPHODROS ABBOTI	PURSE-WEB SPIDER
U	U	N	N	UMMIDIA SP 1	
MALACOSTRACA: DECAPODA					
G4	S3S4	N	N	ARATUS PISONII	MANGROVE CRAB
G2	S2	N	N	CAMBARUS CRYPTODYTES	DOUGHERTY PLAIN CAVE CRAYFISH

FLORIDA NATURAL AREAS INVENTORY

MARCH 1986

SPECIAL INVERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STATUS	ST STATUS	NAME	COMMON NAME
G5	S4	N	N	CONIOPSIS CRUENTATA	MANGROVE CRAB
G1	S1	C1	N	PALAEMONETES CUMMINGI	FLORIDA CAVE SHRIMP
G1	S1	C2	N	PROCAMBARUS ACHERONTIS	ORLANDO CAVE CRAYFISH
G1	S1	N	N	PROCAMBARUS ERYTHROPS	RED-EYED CAVE CRAYFISH
G1	S1	N	N	PROCAMBARUS FRANZI	ORANGE LAKE CAVE CRAYFISH
G1	S1	N	N	PROCAMBARUS HORSTI	HORST'S CAVE CRAYFISH
G2	S2	N	N	PROCAMBARUS LEITHEUSERI	LEITHEUSER'S CAVE CRAYFISH
G3	S3	N	N	PROCAMBARUS LUCIFUGUS	LIGHT-FLEEING CAVE CRAYFISH
G1	S1	N	N	PROCAMBARUS MILLERI	MILLER'S CAVE CRAYFISH
G2	S2	N	N	PROCAMBARUS ORCINUS	WOODVILLE CAVE CRAYFISH
G2G3	S2S3	N	N	PROCAMBARUS PALLIDUS	PALLID CAVE CRAYFISH
G2	S2	N	N	PROCAMBARUS PICTUS	BLACK CREEK CRAYFISH
G1	S1	N	N	PROCAMBARUS SP 1	A CAVE CRAYFISH
G4?	SH	N	N	SESARMA BENEDICTI	BENEDICT'S WHARF CRAB
G2	S2	N	N	TROGLOCAMBARUS MACLANEI	MCLANE'S CAVE CRAYFISH
U	U	N	N	TROGLOCAMBARUS SP 1	
MALACOSTRACA: ISOPODA					
G1	S1	N	N	CAECIDOTEA HOBBSI	HOBBS' CAVE ISOPOD
U	U	N	N	CAECIDOTEA PARVA	
U	U	N	N	CAECIDOTEA SP 1	
MALACOSTRACA: AMPHIPODA					
G2	S2	C2	N	CRANGONYX GRANDIMANUS	FLORIDA CAVE AMPHIPOD
G2G3	S2S3	C2	N	CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD
U	U	N	N	CRANGONYX SP 1	
INSECTA: EPHEMEROPTERA					
U	U	C2	N	DOLANIA AMERICANA	AMERICAN SAND-BURROWING MAYFLY
U	U	C2	N	HOMOEONEURIA DOLANI	BLACKWATER SAND-FILTERING MAYFLY
U	U	C2	N	PSEUDIRON MERIDIONALIS	MERIDION BLACKWATER MAYFLY
INSECTA: ODONATA					
U	U	N	N	ARGIALLAGMA PALLIDULUM	EVERGLADES SPRITE
G2	S2	C1	N	CORDULEGASTER SAYI	SAY'S SPIKETAIL
U	U	N	N	DIDYMOPS FLORIDENSIS	MAIDENCANE CRUISER
U	U	N	N	DROMOGOMPHUS ARMATUS	SOUTHEASTERN RAKELEG
U	U	N	N	ENALLAGMA TRAVIATUM	SLENDER BLUET
U	U	N	N	ERPETOGOMPHUS DESIGNATUS	EASTERN RINGTAIL
U	U	N	N	GOMPHAESCHNA ANTILOPE	SOOTY DARNER
U	U	N	N	GOMPHUS CAVILLARIS	SANDHILL CLUBTAIL
U	U	N	N	GOMPHUS DIMINUTUS	DIMINUTIVE CLUBTAIL
U	U	N	N	GOMPHUS GEMINATUS	TWIN-STRIPED CLUBTAIL
U	U	N	N	GOMPHUS HODGESI	HODGES' CLUBTAIL
U	U	N	N	GOMPHUS HYBRIDUS	COCOA CLUBTAIL
U	U	N	N	GOMPHUS MODESTUS	GULF CLUBTAIL
U	U	C2	N	GOMPHUS TOWNESI	BRONZE CLUBTAIL DRAGONFLY
U	U	N	N	GOMPHUS VASTUS	COBRA CLUBTAIL
U	U	N	N	HELOCORDULIA SELYSII	SELYS' SKIMMER
U	U	N	N	HETAERINA AMERICANA	COMMON RUBYWING
U	U	N	N	LESTES INAEQUALIS	ELEGANT DRYAD
U	U	N	N	LIBELLULA JESSEANA	PURPLE CHASER
U	U	N	N	MACROMIA ALLEGHANIENSIS	ALLEGHENY RIVER CRUISER
U	U	N	N	NANNOTHEMIS BELLA	BUG ELF
U	U	C2	N	NEUROCORDULIA CLARA	APALACHICOLA TWILIGHT SKIMMER DRAGONFLY
U	U	N	N	NEUROCORDULIA MOLESTA	SMOKY SHADOWFLY
U	U	N	N	NEUROCORDULIA OBSOLETA	UMBER SHADOWFLY
U	U	N	N	PROGOMPHUS ALACHUENSIS	TAWNY SAND CLUBTAIL
U	U	C2	N	PROGOMPHUS BELLEI	BELLE'S SAND CLUBTAIL
G1G3	U	C1	N	SOMATOCHLORA CALVERTI	CALVERT'S EMERALD
U	U	N	N	SOMATOCHLORA GEORGIANA	COPPERY EMERALD
U	U	N	N	STYLURUS LAURAE	LAURA'S CLUBTAIL
U	U	N	N	STYLURUS POTULENTUS	YELLOW-SIDED CLUBTAIL
U	U	N	N	STYLURUS TOWNESI	TOWNES' CLUBTAIL
G4G5	U	N	N	TACHOPTERYX THOREYI	GRAY PETALTAIL
U	U	N	N	TETRAGONEURIA SPINOSA	ROBUST TONGTAIL
INSECTA: ORTHOPTERA					
U	U	C2	N	BELOCEPHALUS MICANOPY	BIG PINE KEY CONEHEAD
U	U	C2	N	BELOCEPHALUS SLEIGHTI	KEYS SHORT-WINGED CONEHEAD
U	U	C2	N	CYCLOPTILUM IRREGULARIS	KEYS SCALY CRICKET
U	U	C2	N	TETTIGIDEA EMPEDONEPIA	TORREYA PYGMY GRASSHOPPER
INSECTA: MALLOPHAGA					
U	U	N	N	ACTORNITHOPHILUS GRANDICEPS	MALLOPHAGA
U	U	N	N	ACUTIFRONS MEXICANUS	MALLOPHAGA
U	U	N	N	ARDEICOLA LOCULATOR	MALLOPHAGA
U	U	N	N	AUSTRUMENOPON HAEMATOPI	MALLOPHAGA
U	U	N	N	BRUELLIA DEFICIENS	MALLOPHAGA
U	U	N	N	CICONIPHILUS QUADRIPUSTULATUS	MALLOPHAGA
U	U	N	N	COLPOCEPHALUM FLAVESCENS	MALLOPHAGA
U	U	N	N	COLPOCEPHALUM MYCTERIAE	MALLOPHAGA

SPECIAL INVERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STATUS	ST STATUS	NAME	COMMON NAME
U	U	N	N	COLPOCEPHALUM OCCIDENTALIS	MALLOPHAGA
U	U	N	N	COLPOCEPHALUM POLYBURI	MALLOPHAGA
U	U	N	N	COLPOCEPHALUM SCALARIFORME	MALLOPHAGA
U	U	N	N	COLPOCEPHALUM SPINEUM	MALLOPHAGA
U	U	N	N	CRASPEDORRHYNCHUS HALIETI	MALLOPHAGA
U	U	N	N	CRASPEDORRHYNCHUS OBSCURUS	MALLOPHAGA
U	U	N	N	DEGEERIELLA DISCOCEPHALUS	MALLOPHAGA
U	U	N	N	DEGEERIELLA RUFA CARRUTHI	MALLOPHAGA
U	U	N	N	ESTHIOPTERUM BREVICEPHALUM	MALLOPHAGA
U	U	N	N	FALCOLIPEURUS JOSEPHI	MALLOPHAGA
U	U	N	N	FALCOLIPEURUS QUADRIGUTTATUS	MALLOPHAGA
U	U	N	N	FELICOLA SP 1	
U	U	N	N	FREGATIELLA AURIFASCIATA	MALLOPHAGA
U	U	N	N	GRUIMENOPON CANADENSE	MALLOPHAGA
U	U	N	N	HELEONOMUS ASSIMILIS	MALLOPHAGA
U	U	N	N	KURODAIA HALIAEETI	MALLOPHAGA
U	U	N	N	NEUPHILOPTERUS HETEROPYGUS	MALLOPHAGA
U	U	N	N	PECTINOPYGUS FREGATIPHAGUS	MALLOPHAGA
U	U	N	N	PECTINOPYGUS OCCIDENTALIS	MALLOPHAGA
U	U	N	N	PIAGETIELLA BURSAEPELECANI	MALLOPHAGA
U	U	N	N	QUADRACEPS AURATUS	MALLOPHAGA
U	U	N	N	QUADRACEPS GIEBELI	MALLOPHAGA
U	U	N	N	QUADRACEPS NYCHTHEMERUS	MALLOPHAGA
U	U	N	N	SAEMUNDSSONIA HAEMATOPI	MALLOPHAGA
U	U	N	N	SAEMUNDSSONIA MELANOCEPHALUS	MALLOPHAGA
U	U	N	N	TRICHODECTES PINGUIS EUARCTIDOS	MALLOPHAGA

INSECTA: COLEOPTERA

GLOBAL RANK	STATE RANK	FED STATUS	ST STATUS	NAME	COMMON NAME
U	U	N	N	ACANTHOCERUS AENEUS	SCARAB BEETLE
U	U	C2	N	ANOMALA EXIGUA	EXIGUOUS ANOMALA SCARAB BEETLE
U	U	C2	N	ANOMALA EXIMIA	ARCHBOLD ANOMALA SCARAB BEETLE
U	U	N	N	ANOMALA FLAVIPENNIS OKALOOSENSIS	SCARAB BEETLE
U	U	N	N	ANOMALA ROBINSONI	SCARAB BEETLE
U	U	N	N	APHODIUS AEGROTUS	SCARAB BEETLE
U	U	N	N	APHODIUS HALDEMANI	SCARAB BEETLE
U	U	N	N	APHODIUS LAEVIGATUS	SCARAB BEETLE
U	U	C2	N	APHODIUS TROGLODYTES	APHODIUS TORTOISE COMMENSAL SCARAB BEETLE
U	U	N	N	APHOTAENIUS CAROLINUS	SCARAB BEETLE
U	U	N	N	ATAENIUS BREVICOLLIS	SCARAB BEETLE
U	U	N	N	ATAENIUS HAVANENSIS	SCARAB BEETLE
U	U	N	N	ATAENIUS RUDELLUS	SCARAB BEETLE
U	U	N	N	ATAENIUS SARAMARI	SCARAB BEETLE
U	U	N	N	ATAENIUS SCIURUS	SCARAB BEETLE
U	U	N	N	ATAENIUS STROHECKERI	SCARAB BEETLE
U	U	C2	N	ATAENIUS SUPERFICIALIS	BIG PINE KEY ATAENIUS DUNG BEETLE
U	U	C2	N	ATAENIUS WOODRUFFI	WOODRUFF'S ATAENIUS DUNG BEETLE
U	U	N	N	BOLBOCEROSOMA HAMATUM	SCARAB BEETLE
U	U	C2	N	COPRIS GOPHERI	COPRIS TORTOISE COMMENSAL SCARAB BEETLE
U	U	N	N	COPRIS HOWDENI	SCARAB BEETLE
U	U	N	N	COTINIS SP 1	SCARAB BEETLE
U	U	N	N	CREMASTHOCHEILUS SQUAMULOSUS	SCARAB BEETLE
U	U	C2	N	CYCLOCEPHALA MIAMIENSIS	MIAMI ROUNDHEAD SCARAB BEETLE
U	U	C2	N	DESMOPACHRIA CENCHRAMIS	FIG SEED DIVING BEETLE
U	U	N	N	DIPLOTAXIS RUFA	SCARAB BEETLE
U	U	N	N	EUCANTHUS ALUTACEUS	SCARAB BEETLE
U	U	C2	N	GRONOCARUS MULTISPINOSUS	SPINY FLORIDA SANDHILL SCARAB BEETLE
U	U	N	N	HYPOTRICHIA SPISSIPES	SCARAB BEETLE
U	U	C2	N	MICRONASPIS FLORIDANA	FLORIDA INTERTIDAL FIREFLY
U	U	N	N	MYCOTRUPES CARTWRIGHTI	SCARAB BEETLE
U	U	N	N	MYCOTRUPES GAIGEI	SCARAB BEETLE
U	U	C2	N	MYCOTRUPES PEDESTER	SCRUB ISLAND BURROWING SCARAB BEETLE
U	U	C2	N	NICROPHORUS AMERICANUS	
U	U	N	N	ONTHOPHAGUS ACICULATULUS	SCARAB BEETLE
U	U	C2	N	ONTHOPHAGUS POLYPHEMI POLYPHEMI	ONTHOPHAGUS TORTOISE COMMENSAL SCARAB BEETLE
U	U	C2	N	ONTHOPHAGUS POLYPHEMI SPARSISETOSUS	ONTHOPHAGUS TORTOISE COMMENSAL SCARAB BEETLE
U	U	N	N	PELTOTRUPES PROFUNDUS	SCARAB BEETLE
U	U	C2	N	PELTOTRUPES YOUNGI	OCALA BURROWING SCARAB BEETLE
U	U	C2	N	PHOTURIS BRUNNIPENNIS FLORIDANA	EVERGLADES BROWNWING FIREFLY
U	U	C2	N	PHOTURIS SP 1	TURTLE MOUND FIREFLY
U	U	N	N	PHYLLOPHAGA ELIZORIA	SCARAB BEETLE
U	U	N	N	PHYLLOPHAGA ELONGATA	SCARAB BEETLE
U	U	N	N	PHYLLOPHAGA OKEECHOBEA	SCARAB BEETLE
U	U	N	N	PHYLLOPHAGA OVALIS	SCARAB BEETLE
U	U	N	N	PHYLLOPHAGA PANORPA	SCARAB BEETLE
U	U	N	N	PHYLLOPHAGA YOUNGI	SCARAB BEETLE
U	U	C2	N	POLYLAMINA PUBESCENS	WOOLY GULF DUNE SCARAB BEETLE
U	U	N	N	PSEUDATAENIUS WALTHERHORNI	SCARAB BEETLE
U	U	N	N	RUTELA FORMOSA	SCARAB BEETLE
U	U	N	N	SERICA DELICATA	SCARAB BEETLE
U	U	C2	N	SERICA FROSTI	FROST'S SPRING SERICAN SCARAB BEETLE
U	U	N	N	SERICA PUSILLA	SCARAB BEETLE
U	U	N	N	SERICA RHYPHA	SCARAB BEETLE
U	U	C2	N	SERICA TANTULA	TANTULA SERICAN SCARAB BEETLE
U	U	C2	N	TRIGONOPELTASTES FLORIDANA	SCRUB PALMETTO FLOWER SCARAB BEETLE
U	U	C2	N	TROX HOWELLI	CARACARA COMMENSAL SCARAB BEETLE

FLORIDA NATURAL AREAS INVENTORY

MARCH 1986

SPECIAL INVERTEBRATES LIST

GLOBAL RANK	STATE RANK	FED STATUS	ST STATUS	NAME	COMMON NAME
INSECTA: TRICHOPTERA					
U	U		N	AGARODES LIBALIS	SPRING-LOVING PSILONEURAN CADDISFLY
U	U	C2	N	AGARODES ZICZAC	ZIGZAG BLACKWATER RIVER CADDISFLY
U	U	C2	N	CERACLEA FLORIDANA	BANKS' FLORIDA CERACLEAN CADDISFLY
U	U		N	CERNOTINA TRUNCONA	FLORIDA CERNOTINAN CADDISFLY
U	U		N	CHEUMATOPSYCHE PETERSI	PETERS' CHEUMATOPSYCHE CADDISFLY
U	U		N	CHIMARRA FLORIDA	FLORIDIAN FINGER-NET CADDISFLY
U	U		N	HYDROPTILA BERNERI	BERNER'S MICROCADDISFLY
U	U		N	HYDROPTILA MOLSONAE	MOLSON'S MICROCADDISFLY
U	U		N	NEOTRICHIA ELEROBI	ELEROB'S MICROCADDISFLY
U	U	C2	N	OCHROTRICHIA PROVOSTI	PROVOST'S MICROCADDISFLY
U	U		N	OECETIS DAYTONA	DAYTONA LONG-HORNED CADDISFLY
U	U	C2	N	OECETIS PARVA	BANKS' LITTLE SETODINE CADDISFLY
U	U		N	OECETIS PRATELIA	LITTLE MEADOW LONG-HORNED CADDISFLY
U	U		N	ORTHOTRICHIA CURTA	SHORT ORTHOTRICHIAN MICROCADDISFLY
U	U		N	ORTHOTRICHIA DENTATA	DENTATE ORTHOTRICHIAN MICROCADDISFLY
U	U		N	ORTHOTRICHIA INSTABILIS	CHANGEABLE ORTHOTRICHIAN MICROCADDISFLY
U	U	C2	N	OXYETHIRA FLORIDA	DENNING'S FLORIDA OXYETHIRAN MICROCADDISFLY
U	U		N	OXYETHIRA NOVASOTA	NOVASOTA OXYETHIRAN MICROCADDISFLY
U	U		N	OXYETHRIA JANELLA	LITTLE-ENTRANCE OXYETHIRAN MICROCADDISFLY
U	U		N	TRIAENODES FLORIDA	FLORIDIAN TRIAENODE CADDISFLY
U	U		N	TRIAENODES FURCELLA	LITTLE-FORK TRIAENODE CADDISFLY
U	U	C2	N	TRIAENODES TRIDONTA	THREE-TOOTH TRIAENODES CADDISFLY
INSECTA: LEPIDOPTERA					
U	U	C2	N	ANAEA FLORIDALIS	FLORIDA LEAFWING
U	U		N	CHLOROSTRYMON MAESITES MAESITES	MAESITES HAIRSTREAK
U	S1	C2	N	EUMAEUS ATALA FLORIDA	FLORIDA ATALA
U	U		N	EUNICA TATILA TATILISTA	FLORIDA PURPLEWING
U	U	C2	N	HEMIARGUS THOMASI BETHUNE-BAKERI	MIAMI BLUE BUTTERFLY
G4?T3?	SA		N	HERACLIDES ANDRAEMON BONHOTEI	BAHAMAN SWALLOWTAIL
G4?T1	S1	LE	LE	HERACLIDES ARISTODEMUS PONCEANUS	SCHAUS' SWALLOWTAIL
U	U	3C	N	MITOURA HESSELI	HESSEL'S HAIRSTREAK BUTTERFLY
U	U		N	PROSERPINUS GAURAE	GAURA SPHINX
U	U	C2	N	PYREFERRA CEROMATICA	CEROMATIC NOCTUID MOTH
U	U	C2	N	STRYMON ACIS BARTRAMI	BARTRAM'S HAIRSTREAK
INSECTA: DIPTERA					
U	U	C2	N	ASAPHOMYIA FLORIDENSIS	FLORIDA ASAPHOMYIAN TABANID FLY
U	U	C2	N	MERYCOMYIA BRUNNEA	BROWN MERYCOMYIAN TABANID FLY
U	U	C2	N	MIXOGASTER DELONGI	DELONG'S MIXOGASTER FLOWER FLY
U	U	C2	N	NEMAPALPUS NEARCTICUS	SUGARFOOT FLY

FLORIDA NATURAL AREAS INVENTORY

NATURAL COMMUNITIES LIST

MARCH 1986

GLOBAL/STATE RANK		NAME
TERRESTRIAL		
G4	S3	BEACH DUNE
G3	S2	BLUFF
G3	S2	COASTAL BERM
G3	S1	COASTAL ROCK BARREN
G3	S3	COASTAL STRAND
G2	S2	DRY PRAIRIE
G4	S3	MARITIME HAMMOCK
G5	S5	MESIC FLATWOODS
G3	S3	OVERWASH PLAIN
G2	S1	PINE ROCKLAND
G4	S4	PRAIRIE HAMMOCK
G3	S2	ROCKLAND HAMMOCK
G4	S3	SANDHILL
G3	S2	SCRUB
G3	S3	SCRUBBY FLATWOODS
G3	S3	SHELL MOUND
G3	S2	SINKHOLE
G3	S2	SLOPE FOREST
G2	S1	UPLAND GLADE
G4	S3	UPLAND HARDWOOD FOREST
G4	S4	UPLAND MIXED FOREST
G5	S4	UPLAND PINE FOREST
G3	S2	XERIC HAMMOCK
PALUSTRINE		
G4	S3	BASIN MARSH
G5	S4	BASIN SWAMP
G4	S4	BAYGALL
G4	S3	BOG
G4	S3	BOTTOMLAND FOREST
G3	S5	DEPRESSION MARSH
G5	S5	DOME
G4	S4	FLOODPLAIN FOREST
G3	S3	FLOODPLAIN MARSH
G4	S4	FLOODPLAIN SWAMP
G3	S3	FRESHWATER TIDAL SWAMP
G4	S3	HYDRIC HAMMOCK
G4	S3	MARL PRAIRIE
G4	S3	SEEPAGE SLOPE
G5	S5	SLOUGH
G4	S4	STRAND SWAMP
G4	S3	SWALE
G4	S4	WET FLATWOODS
G5	S4	WET PRAIRIE

GLOBAL/STATE RANK		NAME
LACUSTRINE		
G3	S2	CLASTIC UPLAND LAKE
G2	S1	COASTAL DUNE LAKE
G2	S1	COASTAL ROCKLAND LAKE
G4	S3	FLATWOOD/PRAIRIE LAKE
G4	S4	MARSH LAKE
G4	S2	RIVER FLOODPLAIN LAKE
G3	S2	SANDHILL UPLAND LAKE
G3	S3	SINKHOLE LAKE
G4	S3	SWAMP LAKE
RIVERINE		
G4	S2	ALLUVIAL STREAM
G4	S2	BLACKWATER STREAM
G4	S2	SEEPAGE STREAM
G2	S2	SPRING-RUN STREAM
ESTUARINE		
G3	S2	ESTUARINE ALGAL BED
G3	S3	ESTUARINE COMPOSITE SUBSTRATE
G3	S3	ESTUARINE CONSOLIDATED SUBSTRATE
G2	S1	ESTUARINE CORAL REEF
G2	S2	ESTUARINE GRASS BED
G3	S3	ESTUARINE MOLLUSK REEF
G2	S1	ESTUARINE OCTOCORAL BED
G2	S2	ESTUARINE SPONGE BED
G4	S4	ESTUARINE TIDAL MARSH
G3	S3	ESTUARINE TIDAL SWAMP
G5	S5	ESTUARINE UNCONSOLIDATED SUBSTRATE
G1	S1	ESTUARINE WORM REEF

GLOBAL/STATE RANK		NAME
MARINE		
G3	S2	MARINE ALGAL BED
G3	S3	MARINE COMPOSITE SUBSTRATE
G3	S3	MARINE CONSOLIDATED SUBSTRATE
G2	S1	MARINE CORAL REEF
G2	S2	MARINE GRASS BED
G3	S3	MARINE MOLLUSK REEF
G2	S1	MARINE OCTOCORAL BED
G2	S2	MARINE SPONGE BED
G4	S4	MARINE TIDAL MARSH
G3	S3	MARINE TIDAL SWAMP
G5	S5	MARINE UNCONSOLIDATED SUBSTRATE
G1	S1	MARINE WORM REEF
SUBTERRANEAN		
G3	S2	AQUATIC CAVE
G3	S1	TERRESTRIAL CAVE

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FLORIDA NATURAL COMMUNITIES

Terrestrial

Lands not regularly inundated or saturated and characterized by upland vegetation.

Scrub - old dune with deep fine white sand substrate; xeric; subtropical; occasional or rare fire; vegetation characterized by sand pine and/or scrub oaks and/or rosemary and cladonia.

Sandhill - upland with deep sand substrate; xeric; temperate; annual or frequent fire; vegetation characterized by longleaf pine and/or turkey oak with wiregrass understory.

Xeric Hammock - upland with deep sand substrate; xeric-mesic; subtropical or temperate; rare or no fire; vegetation characterized by live oak.

Upland Pine Forest - upland with sand substrate; mesic-xeric; temperate; frequent or occasional fire; vegetation characterized by shortleaf pine and/or loblolly pine and/or longleaf pine and red oak and wiregrass.

Upland Mixed Forest - upland with sand/clay substrate; mesic; temperate; rare or no fire; vegetation characterized by loblolly pine and/or shortleaf pine and/or laurel oak and/or magnolia and spruce pine and/or mixed hardwoods.

Upland Hardwood Forest - upland with clay substrate; mesic; temperate; rare or no fire; vegetation characterized by spruce pine, magnolia, beech, pignut hickory, white oak, and mixed hardwoods.

Slope Forest - steep slope on bluff or in sheltered ravine; sand/clay substrate; mesic-hydric; temperate; rare or no fire; vegetation characterized by magnolia, beech, spruce pine, Shumard oak, Florida maple, pyramid magnolia, and mixed hardwoods.

Mesic Flatwoods - flatland with sand substrate; mesic; subtropical; frequent fire; vegetation characterized by slash pine or longleaf pine with saw palmetto, gallberry and/or wiregrass understory.

Scrubby Flatwoods - flatland with sand substrate; xeric-mesic; subtropical; occasional fire; vegetation characterized by longleaf pine or slash pine with scrub oaks and wiregrass understory.

Pine Rockland - flatland with exposed limestone substrate; mesic-xeric; tropical; frequent fire; vegetation characterized by South Florida slash pine.

Rockland Hammock - flatland with limestone substrate; mesic; tropical or subtropical; rare or no fire; vegetation characterized by mixed hardwoods.

Dry Prairie - flatland with sand substrate; mesic-xeric; subtropical; annual or frequent fire; vegetation characterized by wiregrass, saw palmetto, and mixed grasses and herbs.

Prairie Hammock - flatland with sand/organic soil over marl or limestone substrate; mesic; subtropical; occasional or rare fire; vegetation characterized by live oak and/or cabbage palm.

Sinkhole - karst feature with steep limestone walls; mesic-hydric; tropical, subtropical, or temperate; no fire; vegetation characterized by ferns, herbs, shrubs, and hardwoods.

Beach Dune - active coastal dune with sand substrate; xeric; tropical, subtropical or temperate; occasional or rare fire; marine influence; vegetation characterized by sea oats and/or mixed halophytic grasses and herbs.

Coastal Strand - stabilized coastal dune with sand substrate; xeric; tropical, subtropical, or temperate; occasional or rare fire; marine influence; vegetation characterized by dense saw palmetto and/or seagrape and/or mixed stunted shrubs, yucca, and cacti.

Maritime Hammock - stabilized coastal dune with sand substrate; xeric-mesic; tropical, subtropical, or temperate; rare or no fire; marine influence; vegetation characterized by mixed hardwoods and/or live oak.

Overwash Plain - coastal flatland with sand substrate; mesic-hydric; tropical, subtropical, or temperate; frequent or occasional fire; marine influence; vegetation characterized by slash pine and/or cabbage palm or buttonwood and/or mixed halophytic shrubs and herbs.

Coastal Berm - old bar or storm debris ridge with sand/shell substrate; xeric-mesic; tropical or subtropical; rare or no fire; marine influence; vegetation characterized by buttonwood, and/or mixed halophytic herbs, shrubs, and/or trees.

Coastal Rock Barren - flatland with exposed limestone substrate; xeric; tropical; no fire; marine influence; vegetation characterized by algae and mixed halophytic herbs, and/or cacti and stunted shrubs.

Shell Mound - Indian midden with shell substrate; xeric-mesic; tropical or subtropical; rare or no fire; marine influence; vegetation characterized by mixed hardwoods.

Upland Glade - upland with calcareous rock and/or clay substrate; hydric-xeric; temperate; vegetation characterized by sparse mixed grasses and herbs with occasional stunted trees and shrubs.

Bluff - steep slope with rock, sand, and/or clay substrate; hydric-xeric; temperate; sparse vegetation characterized by mixed grasses, herbs, and shrubs.

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FLORIDA NATURAL COMMUNITIES

Palustrine

Lands regularly inundated or saturated by freshwater and characterized by wetland vegetation.

Bottomland Forest - flatland with sand/clay/organic substrate; occasionally inundated; temperate; rare or no fire; vegetation characterized by water oak, red maple, beech, magnolia, tuliptree, sweetgum, bays, cabbage palm, and mixed hardwoods.

Floodplain Forest - floodplain with alluvial substrate of sand, silt, clay or organic soil; seasonally inundated; subtropical or temperate; rare or no fire; vegetation characterized by diamondleaf oak, overcup oak, water oak, swamp chestnut oak, blue palmetto, cane, and mixed hardwoods.

Floodplain Swamp - floodplain with organic/alluvial substrate; usually inundated; subtropical or temperate; rare or no fire; vegetation characterized by cypress, tupelo, blackgum, and/or pop ash.

Freshwater Tidal Swamp - rivermouth wetland; organic soil with extensive root mat; inundated with freshwater in response to tidal cycles; rare or no fire; vegetation characterized by cypress, bays, cabbage palm, gums, and/or cedars.

Floodplain Marsh - floodplain with organic/sand/alluvial substrate; seasonally inundated; subtropical; frequent or occasional fire; vegetation characterized by maidencane, pickerel weed, sagittaria, buttonbush, and mixed emergents.

Strand Swamp - broad, shallow channel with peat over mineral substrate; seasonally inundated; flowing water; tropical or subtropical; occasional or rare fire; vegetation characterized by cypress and/or willow.

Slough - broad, shallow channel with peat over mineral substrate; usually inundated; flowing water; tropical or subtropical; rare or no fire; vegetation characterized by pop ash and/or pond apple or waterlily.

Swale - broad, shallow channel with sand/peat substrate; seasonally inundated; flowing water; tropical or subtropical; frequent or occasional fire; vegetation characterized by maidencane, pickerel weed, and/or mixed emergents.

Dome - rounded depression in sand/limestone substrate with peat accumulating toward center; seasonally inundated; still water; tropical, subtropical, or temperate; occasional or rare fire; woody vegetation tallest in center, characterized by cypress, blackgum, or bays.

Depression Marsh - rounded depression in sand substrate with peat accumulating toward center; seasonally inundated; still water; tropical, subtropical, or temperate; frequent or occasional fire; vegetation in concentric bands, characterized by maidencane, fire flag, pickerel weed, and mixed emergents.

Basin Swamp - basin with peat substrate; seasonally inundated; still water; subtropical or temperate; occasional or rare fire; vegetation characterized by cypress, blackgum, bays and/or mixed hardwoods.

Basin Marsh - basin with peat substrate; seasonally inundated; temperate or subtropical; frequent fire; vegetation characterized by sawgrass and/or cattail and/or buttonbush and/or mixed emergents.

Baygall - wetland at base of slope with peat substrate; maintained by downslope seepage--usually saturated, occasionally inundated; subtropical or temperate; rare or no fire; vegetation characterized by bays and/or dahoon holly and/or red maple and/or mixed hardwoods.

Bog - wetland on deep peat substrate; maintained by capillary action--soil usually saturated, occasionally inundated; subtropical or temperate; rare fire; vegetation characterized by sphagnum moss and titi and/or bays and/or dahoon holly, and/or mixed hydrophytic shrubs.

Seepage Slope - wetland on or at base of slope with organic/sand substrate; maintained by downslope seepage--usually saturated, but rarely inundated; subtropical or temperate; frequent or occasional fire; vegetation characterized by sphagnum moss with pond pine and/or mixed grasses and herbs or mixed hydrophytic shrubs.

Wet Prairie - flatland with sand substrate; seasonally inundated; subtropical or temperate; annual or frequent fire; vegetation characterized by maidencane, beakrush, spikerush, wiregrass, St. John's Wort, mixed herbs.

Marl Prairie - flatland with marl over limestone substrate; seasonally inundated; tropical; frequent to no fire; vegetation characterized by sawgrass, spikerush, and/or mixed grasses, sometimes with dwarf cypress.

Wet Flatwoods - flatland with sand substrate; seasonally inundated; subtropical or temperate; frequent fire; vegetation characterized by slash pine or pond pine and/or cabbage palm with mixed grasses and herbs.

Hydric Hammock - lowland with sand/clay/organic soil, often over limestone; mesic-hydric; subtropical or temperate; rare or no fire; vegetation characterized by water oak, cabbage palm, red cedar, red maple, bays, hackberry, hornbeam, blackgum, needle palm, and mixed hardwoods.

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FLORIDA NATURAL COMMUNITIES

Lacustrine

Lentic waters of natural topographic depressions. Emergent vegetation is confined to the perimeter, if present; floating and submersed aquatics may be found throughout.

Clastic Upland Lake - generally irregular basin in clay uplands; predominantly with inflows, frequently without surface outflow; clay or organic substrate; characteristically colored, acidic, soft water with low mineral content (sodium, chloride, sulfate); oligo-mesotrophic to eutrophic.

Sandhill Upland Lake - generally rounded solution depression in deep sandy uplands or sandy uplands shallowly underlain by limestone; predominantly without surface inflows/outflows; typically sand substrate with organic accumulations toward middle; characteristically clear, acidic, moderately soft water with varying mineral content; ultra-oligotrophic to mesotrophic.

Flatwood/Prairie Lake - generally shallow basin in flatlands with high water table; frequently with a broad littoral zone; still water or flow-through; sand or peat substrate; variable water chemistry, but characteristically colored to clear, acidic to slightly alkaline, soft to moderately hard water with moderate mineral content (sodium, chloride, sulfate); oligo-mesotrophic to eutrophic.

Marsh Lake - generally shallow, open water area within wide expanses of freshwater marsh; still water or flow-through; peat, sand or clay substrate; occurs in most physiographic regions; variable water chemistry, but characteristically highly colored, acidic, soft water with moderate mineral content (sodium, chloride, sulfate); oligo-mesotrophic to eutrophic.

Swamp Lake - generally shallow, open water area within basin swamps; still water or flow-through; peat, sand or clay substrate; occurs in most physiographic regions; variable water chemistry, but characteristically highly colored, acidic, soft water with moderate mineral content (sodium, chloride, sulfate); oligo-mesotrophic to eutrophic.

River Floodplain Lake - meander scar, backwater, or larger flow-through body within major river floodplains; sand, alluvial or organic substrate; characteristically colored, alkaline or slightly acidic, hard or moderately hard water with high mineral content (sulfate, sodium, chloride, calcium, magnesium); mesotrophic to eutrophic.

Coastal Dune Lake - basin or lagoon influenced by recent coastal processes; predominantly sand substrate with some organic matter; salinity variable among and within lakes, and subject to saltwater intrusion and storm surges; characteristically slightly acidic, hard water with high mineral content (sodium, chloride).

Coastal Rockland Lake - shallow basin influenced by recent coastal processes; predominantly barren oolitic or Miami limestone substrate; salinity variable among and within lakes, and subject to saltwater intrusion, storm surges and evaporation (because of shallowness); characteristically slightly alkaline, hard water with high mineral content (sodium, chloride).

Sinkhole Lake - typically deep, funnel-shaped depression in limestone base; occurs in most physiographic regions; predominantly without surface inflows/outflows, but frequently with connection to the aquifer; characteristically clear, alkaline, hard water with high mineral content (calcium, bicarbonate, magnesium).

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FLORIDA NATURAL COMMUNITIES

Riverine

Natural lotic waters from the source of origin downstream to the limits of tidal influence and bounded by a channel bank.

Seepage Stream - upper perennial or intermittent/seasonal watercourse characterized by clear to lightly colored water derived from shallow groundwater seepage

Alluvial Stream - lower perennial or intermittent/seasonal watercourse characterized by turbid water with suspended silt, clay, sand and small gravel; generally with a distinct, sediment-derived (alluvial) floodplain and a sandy, elevated natural levee just inland from the bank

Blackwater Stream - perennial or intermittent/seasonal watercourse characterized by tea-colored water with a high content of particulate and dissolved organic matter derived from drainage through swamps and marshes; generally lacking an alluvial floodplain

Spring-run Stream - perennial watercourse with deep aquifer headwaters and characterized by clear water, circumneutral pH and, frequently, a solid limestone bottom

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FLORIDA NATURAL COMMUNITIES

Subterranean

Twilight, middle and deep zones of natural chambers overlain by the earth's crust and characterized by climatic stability and assemblages of trogloxenic, troglophilic, and troglobitic organisms.

Aquatic Cave - cavernicolous area permanently or periodically submerged; often characterized by troglobitic crustaceans and salamanders; includes high energy systems which receive large quantities of organic detritus and low energy systems

Terrestrial Cave - cavernicolous area lacking standing water; often characterized by bats, such as Myotis, and other terrestrial vertebrates and invertebrates; includes interstitial areas above standing water such as fissures in the ceiling of caves

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FLORIDA NATURAL COMMUNITIES

Marine

Subtidal, intertidal and supratidal zones of the sea, landward to the point at which seawater becomes significantly diluted with freshwater inflow from the land.

Estuarine

Subtidal, intertidal, and supratidal zones of a coastal body of water, usually semi-enclosed by land but with a connection to the open sea, within which seawater is significantly diluted with freshwater inflow from the land.

Consolidated Substrate - expansive subtidal, intertidal and supratidal area composed primarily of nonliving compacted or coherent and relatively hard, naturally formed mass of mineral matter (e.g., coquina limerock and relic reefs); octocorals, sponges, stony corals, nondrift macrophytic algae, blue-green mat-forming algae and seagrasses sparse, if present.

Unconsolidated Substrate - expansive subtidal, intertidal and supratidal area composed primarily of loose mineral matter (e.g., coralgal, gravel, marl, mud, sand and shell); octocorals, sponges, stony corals, nondrift macrophytic algae, blue-green mat-forming algae and seagrasses sparse, if present.

Octocoral Bed - expansive subtidal area occupied primarily by living sessile organisms of the Class Anthozoa, Subclass Octocorallia (e.g., soft corals, horny corals, sea fans, sea whips, and sea pens); sponges, stony corals, nondrift macrophytic algae and seagrasses sparse, if present.

Sponge Bed - expansive subtidal area occupied primarily by living sessile organisms of the Phylum Porifera (e.g., sheepswool sponge, Florida loggerhead sponge and branching candle sponge); octocorals, stony corals, nondrift macrophytic algae and seagrasses sparse, if present.

Coral Reef - expansive subtidal area with elevational gradient or relief and occupied primarily by living sessile organisms of the Class Hydrozoa (e.g., fire corals and hydrocorals) and Class Anthozoa, Subclass Zoantharia (e.g., stony corals and black corals); includes deepwater bank reefs, fringing barrier reefs, outer bank reefs and patch reefs, some of which may contain distinct zones of assorted macrophytes, octocorals, & sponges.

Mollusk Reef - substantial subtidal or intertidal area with relief from concentrations of sessile organisms of the Phylum Mollusca, Class Bivalvia (e.g., molluscs, oysters, & worm shells); octocorals, sponges, stony corals, macrophytic algae and seagrasses sparse, if present.

Worm Reef - substantial subtidal or intertidal area with relief from concentrations of sessile, tubicolous organisms of the Phylum Annelida, Class Polychaeta (e.g., chaetopterids and sabellarids); octocorals, sponges, stony corals, macrophytic algae and seagrasses sparse, if present.

Algal Bed - expansive subtidal, intertidal or supratidal area, occupied primarily by attached thallophytic or mat-forming prokaryotic algae (e.g., halimeda, blue-green algae); octocorals, sponges, stony corals and seagrasses sparse, if present.

Grass Bed - expansive subtidal or intertidal area, occupied primarily by rooted vascular macrophytes, (e.g., shoal grass, halophila, widgeon grass, manatee grass and turtle grass); may include various epiphytes and epifauna; octocorals, sponges, stony corals, and attached macrophytic algae sparse, if present.

Composite Substrate - expansive subtidal, intertidal, or supratidal area, occupied primarily by Natural Community elements from more than one Natural Community category (e.g., Grass Bed and Algal Bed species; Octocoral and Algal Bed species); includes both patchy and evenly distributed occurrences.

Tidal Marsh - expansive intertidal or supratidal area occupied primarily by rooted, emergent vascular macrophytes (e.g., cord grass, needlerush, saw grass, saltwort, saltgrass and glasswort); may include various epiphytes and epifauna.

Tidal Swamp - expansive intertidal and supratidal area occupied primarily by woody vascular macrophytes (e.g., black mangrove, buttonwood, red mangrove, and white mangrove); may include various epiphytes and epifauna.

DEFINITIONS OF TERMS

Terrestrial and Palustrine Natural Communities

Physiography

Upland - high area in region with significant topographic relief; generally undulating

Lowland - low area in region with or without significant topographic relief; generally flat to gently sloping

Flatland - generally level area in region without significant topographic relief; flat to gently sloping

Basin - large, relatively level lowland with slopes confined to the perimeter or isolated interior locations

Depression - small depression with sloping sides, deepest in center and progressively shallower towards the perimeter

Floodplain - lowland adjacent to a stream; topography influenced by recent fluvial processes

Bottomland - lowland not on active floodplain; sand/clay/organic substrate.

Hydrology

occasionally inundated - surface water present only after heavy rains and/or during flood stages

seasonally inundated - surface water present during wet season and flood periods

usually inundated - surface water present except during droughts

Climatic Affinity of the Flora

tropical - community generally occurs in practically frost-free areas

subtropical - community generally occurs in areas that experience occasional frost, but where freezing temperatures are not frequent enough to cause true winter dormancy

temperate - community generally occurs in areas that freeze often enough that vegetation goes into winter dormancy

Fire

annual fire - burns about every 1-2 years

frequent fire - burns about every 3-7 years

occasional fire - burns about every 8-25 years

rare fire - burns about every 26-100 years

no fire - community develops only when site goes more than 100 years without burning

VEGETATION

anise - *Illicium floridanum*

bays - swamp bay - *Persea palustris*
gordonia - *Gordonia lasianthus*
sweetbay - *Magnolia virginiana*

beakrush - *Rhynchospora* spp.

beech - *Fagus grandifolia*

blackgum - *Nyssa biflora*

blue palmetto - *Sabal minor*

bluestem - *Andropogon* spp.

buttonbush - *Cephalanthus occidentalis*

cabbage palm - *Sabal palmetto*

cacti - *Opuntia* and *Cereus* spp., predominantly *stricta* and *pentagonus*

cane - *Arundinaria gigantea* or *A. tecta*

cattail - *Typha* spp.

cedars - red cedar - *Juniperus silicicola*
white cedar - *Chamaecyparis thyoides* or *C. henryi*

cladonia - *Cladonia* spp.

cypress - *Taxodium distichum*

dahoon holly - *Ilex cassine*

diamondleaf oak - *Quercus laurifolia*

fire flag - *Thalia geniculata*

Florida maple - *Acer barbaratum*

gallberry - *Ilex glabra*

gums - tupelo - *Nyssa aquatica*
blackgum - *Nyssa biflora*
Ogeechee gum - *Nyssa ogeche*

hackberry - *Celtis laevigata*

hornbeam - *Carpinus caroliniana*

laurel oak - *Quercus hemisphaerica*

live oak - *Quercus virginiana*

loblolly pine - *Pinus taeda*

longleaf pine - *Pinus palustris*

magnolia - *Magnolia grandiflora*

maidencane - *Panicum hemitomon*

needle palm - *Rhapidophyllum hystrix*

overcup oak - *Quercus lyrata*

pickerel weed - *Pontederia cordata* or *P. lanceolata*

pignut hickory - *Carya glabra*

pop ash - *Fraxinus caroliniana*

pond apple - *Annona glabra*

pond pine - *Pinus serotina*

pyramid magnolia - *Magnolia pyramidata*

railroad vine - *Ipomoea pes-caprae*

red cedar - *Juniperus silicicola*

red maple - *Acer rubrum*

red oak - *Quercus falcata*

rosemary - *Ceratiola ericoides*

sagittaria - *Sagittaria lancifolia*

sand pine - *Pinus clausa*

saw palmetto - *Serenoa repens*

sawgrass - *Cladium jamaicensis*

scrub oaks - *Quercus geminata*, *Q. chapmanii*, *Q. myrtifolia*, *Q. inopina*

sea oats - *Uniola paniculata*

seagrape - *Coccoloba uvifera*

shortleaf pine - *Pinus echinata*

Shumard oak - *Quercus shumardii*

slash pine - *Pinus elliottii*

sphagnum moss - *Sphagnum* spp.

spikerush - *Eleocharis* spp.

spruce pine - *Pinus glabra*

St. John's wort - *Hypericum* spp.

swamp chestnut oak - *Quercus prinus*

sweetgum - *Liquidambar styraciflua*

titi - *Cyrilla racemiflora*

tuliptree - *Liriodendron tulipfera*

tupelo - *Nyssa aquatica*

turkey oak - *Quercus laevis*

water oak - *Quercus nigra*

waterlily - *Nymphaea odorata*

white cedar - *Chamaecyparis thyoides*

white oak - *Quercus alba*

willow - *Salix caroliniana*

wiregrass - *Aristida stricta*

yucca - *Yucca aloifolia*

Appendix B. Explanation and examples of Element Occurrence Records

FLORIDA NATURAL AREAS INVENTORY 6/86

Element Occurrence Record

An **element** is any exemplary or rare component of the natural environment, such as a species, plant community, bird rookery, spring, sinkhole, cave or other ecological feature. An **element occurrence** (EO) represents the locational record of an element and is a single extant habitat which sustains or otherwise contributes to the survival of a population or a distinct, self-sustaining example of a particular natural community. The major function of the Florida Natural Areas Inventory is to define the state's elements of natural diversity, then collect locational information about where the elements occur throughout the state. The **element occurrence record** (EOR) is the form used to process and enter element occurrences into the computerized data base.

EOCODE: unique alpha-numeric code for each element occurrence, FNAI staff use only

NAME: scientific name or other formal name for this element, only from FNAI element classification

COMNAME: common name of element, standardized for Florida

MARGNUM: the number of this occurrence in the margin of the USGS 7.5 minute quad map on which it is located, FNAI staff use only

TENTEN: Coordinates for an element locator system on USGS 7.5 minute quad maps

IDENT: Y or N--has identity of element at this location been confirmed by reliable source?

EORANK: quality of this occurrence--A=excellent, B=good, C=marginal,D=poor, X=destroyed

EORANKCOMM: comments to support EORANK

SURVEYDATE: date on which the EORANK is based

LASTOBS: date element last observed at this site (e.g. 1982-09-26)

FIRSTOBS: year element was first recorded from this site

GRANK: global element rank (priority) assigned by FNAI staff

- G1 = critically imperiled globally
- G2 = imperiled globally
- G3 = very rare & local throughout range or found locally in a restricted range
- G4 = apparently secure globally (may be rare in parts of range)
- G5 = demonstrably secure globally
- GA = accidental in North America, i.e. not part of the established biota
- GH = of historical occurrence throughout range, may be rediscovered (e.g. ivory-billed woodpecker)
- GU = possibly in peril range-wide, more information needed
- GX = believed to be extinct throughout range
- G#T# =rank of taxonomic subgroup such as subspecies or variety; numbers have same definition as above
- G#Q = rank of questionable species, e.g. ranked as species, but questionable if it is species or subspecies; numbers have same definition as above

SRANK: state element rank (priority) assigned by FNAI staff, definition parallels global element rank: substitute "S" for "G" in above global ranks, and "in state" for "globally" in above global rank definitions

STATE: Florida

COUNTYNAME: the two-letter abbreviation for the state, followed by first four letters of all county names; centroid/major county first

QUADCODE: centroid/major quad code first, then any additional quads that the EO covers partly or fully

QUADNAME: USGS names of all USGS 7.5 minute quads this EO is on, centroid quad first

PRECISION: level of precision to which occurrence can be located on the quad map--S=seconds (within ca. 250 ft. radius); M=minutes (within ca. 3/4 mi. radius); SC=confirmed S location; SO or MO=obscure S or M location, EO looked for but not found at mapped location; G=general, to quad or place name; U=unmappable.

LAT:	latitude of centroid of element occurrence
LONG:	longitude of centroid of element occurrence
S:	southernmost latitude for boundaries of the occurrence
N:	northernmost latitude for boundaries of the occurrence
E:	easternmost longitude for boundaries of the occurrence
W:	westernmost longitude for boundaries of the occurrence
TOWNRANGE:	township-range that EO centroid is in
SECTION:	section that EO centroid is in
MERIDIAN:	Tallahassee (TA) meridian for Florida
TRSCOMM:	township, range, section information not covered by other fields, such as quarter-quarter section (e.g. NE4NE4)
PHYSPROV:	physiographic province of EO, standardized for state
WATERSHED:	standardized code for centroid from USGS basins
DIRECTIONS:	how to get to EO from readily identifiable landmarks
GENDESC:	general description of the setting for the EO
ELEV:	elevation of centroid in feet mean sea level
SIZE:	size in acres of EO; 0 means acreage unknown
EODATA:	description of element at site, e.g., numbers, size, condition, viability
COMMENTS:	general information not included in other fields
MACODE1:	if EO is wholly or mostly on a managed area (MA), FNAI code for the smallest, most protected managed area EO is on
CONTAINED1:	whether the EO is wholly contained in the above managed area
MACODE2:	if EO is also on a larger MA or extends onto another MA, FNAI code for this MA
CONTAINED2:	whether the EO is wholly contained in above MA (MA 2)
MACODE3:	if EO is wholly or partially contained in a still larger MA, FNAI code for this MA
CONTAINED3:	whether the EO is wholly contained in above MA (MA 3)
ADDLMAS:	whether the EO extends onto additional MA's other than MA 1, 2, 3
MORELAND:	whether more land is needed to protect the EO which is only partially on an MA
MOREPROT:	whether the EO needs more legal protection on the MA(s) it occurs on
MOREMGMT:	whether more or better management is needed to protect the EO
SITECODE:	a code assigned by FNAI for preserve design
SITENAME:	name assigned to the site during field work or commonly associated with the site
OWNER:	name of principal owner (private only) of principal tract
OWNERCOMM:	comments about owner: address, intentions for land, etc.
PROTCOMM:	comments on new or additional legal protection needed for EO
MGMTCOMM:	comments on new or additional management needed for EO
MONITOR:	name of knowledgeable individual willing to check the EO status upon request, last name first
MONITORNUM:	area code and phone number of MONITOR
BESTSOURCE:	the single best source of information on this EO, preferably a person
SOURCECODE:	standardized code for all sources dealing with this EO; best source code first
DATASENS:	Y in this field if this occurrence is of an element for which locational information should not be given out to general users for various reasons
BOUNDARIES:	Y if boundaries of EO are on quad map or other map attached to EOR
PHOTOS:	Y if photos of this EO are in files
OWNERINFO:	Y if additional information on the owner is in GMF
TRANSCRIBR:	initials of person and date of transcription--processing of data for the EOR in preparation for mapping
CDREV:	Y if county of distribution map has been revised to show this EO
MAPPER:	initials of person and date EO is plotted onto data base quad maps and map based information entered onto EOR
QC:	Y if EOR has been completely quality controlled
UPDATE:	initials of person & date of most recent change in computerized EOR

FLORIDA NATURAL AREAS INVENTORY - ELEMENT OCCURRENCE RECORD

eocode: PMPOA18030.019
name: CALAMOVILFA CURTISSII
comname: CURTISS' SANDGRASS
margnum: 19 tenten: 4,5 ident: Y eorank: A
eorankcomm: SOLID MONOSPECIFIC STAND --UNDISTURBED AREA
surveydate: 1987-10-09
lastobs: firstobs: 1987
grank: G1 srank: S1
countyname: FLWALT state: FL
quadcode: 3008631 precision: S
quadname: POINT WASHINGTON
lat: 301856 long: 860420
s: 0 n: 0
e: 0 w: 0
townrange: 003S018W section: 17
trscomm: meridian: TA
physprov: GL watershed: 03140101
directions: 0.9 MI N. ALONG SAND RD. WHICH INTERSECTS C-30A AT A POINT 0.7 MI W. OF WHERE C-30A CROSSES DEER LAKE

gendesc: OPEN SUN IN TEMPORARY POND BORDERING BALD CYPRESS STAND.

elev: 35 size: 0
eodata: MANY CLUMPS FORMING SOLID COVER IN TEMPORARY POND BORDERED BY THICK STAND OF HYPERICUM CHAPMANII. ALL PLANTS VEGETATIVE.

comments:

macode1: contained1:
macode2: contained2:
macode3: contained3:
addlmas: moreland:
moreprot: moremgmt:
sitecode:
sitename: DEER LAKE
owner:
ownercomm:
protcomm:
mgmtcomm:
monitor: monitornum:
bestsource: JOHNSON, A. F. 1987. FIELD NOTES ON TRIP TO DEER LAKE, WALTON, CO., FL. 9 OCT. 1987.

sourcecode: P87JOH01FL

datasens: boundaries:
photos: ownerinfo:
transcribr: 87-10-22 AFJ cdrev: Y
mapper: 87-10-22 AFJ qc: Y
update: 87-12-17 KK

FLORIDA NATURAL AREAS INVENTORY - ELEMENT OCCURRENCE RECORD

eocode: ARAAF01030.325
name: GOPHERUS POLYPHEMUS
comname: GOPHER TORTOISE
margnum: 6 tenten: 3,3 ident: Y eorank:
eorankcomm:
surveydate:
lastobs: 1985-08-24 firstobs:
grank: G2 srank: S2
countyname: FLVOLU state: FL
quadcode: 2908123 precision: M
quadname: LAKE DIAS
lat: 291250 long: 812041
s: 0 n: 0
e: 0 w: 0
townrange: 015S029E section: 12
trscomm: ALSO R.30E SEC. 7 meridian: TA
physprov: AL watershed: 03080101
directions: 13 KM. E.S.E. OF PIERSON, SR-40, CA. 2.5 KM W. OF JUNCTION WITH SR-11.

gendesc:

elev: 0 size: 0
eodata: ROADSIDE BURROW 8/24/85.

comments:

macode1: contained1:
macode2: contained2:
macode3: contained3:
addlmas: moreland:
moreprot: moremgmt:
sitecode:
sitename:
owner:
ownercomm:
protcomm:
mgmtcomm:
monitor: monitornum:
bestsource: DIEMER, JOAN E. (MS.). FLORIDA GAME AND FRESH WATER FISH COMMISSION, 4005 S. MAIN ST., GAINESVILLE, FL 32601. (904) 376-6481.
sourcecode: PNDDIE01FL U86DIE01FL

datasens: boundaries:
photos: ownerinfo:
transcribr: 86-08-26 RLB cdrev: Y
mapper: 87-08-03 HS qc: Y
update: 87-12-01 KK

FLORIDA NATURAL AREAS INVENTORY - ELEMENT OCCURRENCE RECORD

eocode: CTU0000000.040
name: MARITIME HAMMOCK
comname: TEMPERATE MARITIME HAMMOCK
margnum: 4 tenten: 8,1 ident: eorank:
eorankcomm: FAIRLY NICE, BUT NOT LARGE, MOSTLY DEVELOPED
surveydate:
lastobs: 1984- firstobs:
grank: G4 srank: S3
countyname: FLSTJO state: FL
quadcode: 2908173 2908183 precision: M
quadname: ST. AUGUSTINE BEACH, ST. AUGUSTINE
lat: 295202 long: 811632
s: 0 n: 0
e: 0 w: 0
townrange: 007S030E section: 27
trscomm: NW4: +SECS. 21,22,28 meridian: TA
physprov: AL watershed: 03080201
directions: ANASTASIA STATE RECREATION AREA, N. OF ST. AUGUSTINE BEACH, E. & N. OF A1A.

gendesc: ON OLDER DUNES

elev: 5 size: 0
eodata: DOMINATED BY LIVE OAK, MAGNOLIA & RED BAY. YAUPON IN UNDERSTORY.

comments: GRADES INTO SMALL ZONE OF COASTAL STRAND (NOT EO'D); NEEDS SURVEY

macode1: FLSRPRAANAS1 contained1:
macode2: contained2:
macode3: contained3:
addlmas: moreland:
moreprot: Y moremgmt:
sitecode:
sitename:
owner:
ownercomm:
protcomm: HAS BEEN HEAVILY DEVELOPED
mgmtcomm:
monitor: monitornum:
bestsource: WEIMER, J. E. UNDATED. RESOURCE MGMT. PLAN, ANASTASIA STATE REC. AREA, DEPT. NATURAL RESOURCES.
sourcecode: UNDWEI01FL PNDDUT01FL P84DUT01FL

datasens: boundaries:
photos: ownerinfo: Y
transcribr: 84-06-22 RFN cdrev: Y
mapper: 84-12-07 JAC qc: Y
update: 87-12-01 KK

Appendix C. Coastal Zone Management-supported FNAI staff.

Coastal Botanist/Ecologist - Ann F. Johnson, Ph.D.

Coastal Zoology - Patricia A. MacLaren

Research Assistant/Data Handler (1/2 time) - Helen A. Shapiro

Appendix D. Summary of FNAI computerized occurrence records of species and natural communities for coastal counties of Florida.

Alphabetical list of coastal counties of Florida:

Bay
Brevard
Broward
Charlotte
Citrus
Collier
Dade
Dixie
Duval
Escambia
Flagler
Franklin
Gulf
Hernando
Hillsborough
Indian River
Jefferson
Lee
Levy
Manatee
Martin
Monroe
Nassau
Okaloosa
Palm Beach
Pasco
Pinellas
St. Johns
St. Lucie
Santa Rosa
Sarasota
Taylor
Volusia
Wakulla
Walton

(**Count** indicates the number of computerized occurrence records in the database for a particular element for county in question. See Appendix A for explanations of Grank, Srank, Fed Status, and State status.)

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR BAY COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
LAMPROPELTIS CALLIGASTER	MOLE SNAKE	G5	S2S3		N	1
PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE	G5T3?	U	C2	LS	2
BIRDS						
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	1
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	1
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	1
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4		N	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	4
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3		N	2
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	2
MAMMALS						
PEROMYSCUS POLIONOTUS ALLOPHRYS	CHOCTAWHATCHEE BEACH MOUSE	G5T1	S1	LE	LE	1
SPECIAL PLANTS						
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	2
CALAMINTHA DENTATA	TOOTHED SAVORY	G2G3	S2S3	C2	N	3
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN-ASTER	G2	S2	N	N	4
HEDEOMA GRAVEOLENS	MOCK PENNYROYAL	G2	S2	C1	LE	7
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
HYPERICUM LISSOPHLOEUS	SMOOTH-BARKED ST. JOHN'S-WORT	G2	S2	C2	LE	2

ELEMENT OCCURRENCE RECORDS FOR BAY COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
ILLICIUM FLORIDANUM	FLORIDA ANISE	G3G5	S3	N	LT	2
KALMIA LATIFOLIA	MOUNTAIN LAUREL	G5	S3	N	LT	2
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	12
MACBRIDEA ALBA	WHITE BIRDS-IN-A-NEST	G1	S1	C2	LE	3
MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA	G3	S2	N	LE	3
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERWORT	G2	S2	C2	N	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	N	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S1	C1	LT	7
RHEXIA SALICIFOLIA	PANHANDLE MEADOWBEAUTY	G2	S2	C2	N	3
STEWARTIA MALACODENDRON	SILKY CAMELLIA	G4G5	S3	N	LE	2
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	G2	S2	C2	LT	8
ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEM	G3	S3	3C	N	1
XYRIS ISOETIFOLIA	QUILLWORT YELLOW-EYED GRASS	G2?	S2	C2	N	2
XYRIS LONGISEPALA	KARST POND XYRIS	G2	S2	3C	LE	1
XYRIS SCABRIFOLIA	HARPER'S YELLOW-EYED GRASS	G1G2Q	S1	C2	LT	1
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			2
SANDHILL UPLAND LAKE		G3	S2			3
BASIN MARSH		G4	S3			1
BOG		G4	S3			1
FLOODPLAIN SWAMP		G4	S4			1
HYDRIC HAMMOCK		G4	S3			1
SEEPAGE SLOPE	PINCKNEYA BOG	G4	S3			1
BLACKWATER STREAM		G4	S2			1
SPRING-RUN STREAM		G2	S2			1

ELEMENT OCCURRENCE RECORDS FOR BAY COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
BEACH DUNE		G4	S3			3
MESIC FLATWOODS	INSULAR SLASH PINE FLATWOODS	G5	S5			2
SANDHILL		G4	S3			1
SCRUB	SAND PINE SCRUB	G3	S2			3
SLOPE FOREST		G3	S2			3
OTHER						
BIRD ROOKERY						2

Total items 50
Total records tallied 119

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR BREVARD COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	2
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	4
LAMPROPELTIS CALLIGASTER	MOLE SNAKE	G5	S2S3		N	1
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
BIRDS						
AJAIA AJAJA	ROSEATE SPOONBILL	G5	S2S3		LS	2
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	30
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	8
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	7
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	6
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	8
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	7
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	19
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4		N	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	4
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
PLEGADIS FALCINELLUS	GLOSSY IBIS	G5	S2		N	4
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	2
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3		N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	1

ELEMENT OCCURRENCE RECORDS FOR BREVARD COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
MAMMALS						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
SPECIAL PLANTS						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	9
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	1
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1	S1	C2	N	1
NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2	S2	C2	LE	1
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G1	S1	C2	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	3
NATURAL COMMUNITIES						
WET FLATWOODS		G4	S4			1
COASTAL STRAND		G3	S3			6
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			2
SCRUB	OAK SCRUB	G3	S2			12
SCRUBBY FLATWOODS		G3	S3			9

Total items 40
Total records tallied 169

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR BROWARD COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	5
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
SPECIAL PLANTS						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G2G3	S2S3	N	LE	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	2
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	2
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	N	1
MONOTROPA BRITTONII	INDIAN-PIPES	G5	S3	C2	N	1
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	1
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	3
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	2
COCCOTHRINAX ARGENTATA	SILVER PALM	G3G4	S3	N	LC	2
DIGITARIA GRACILLIMA	LONGLEAF CRABGRASS	G1?	S1	C2	N	1
EPIDENDRUM NOCTURNUM	NIGHT-SCENTED ORCHID	G?	S2	N	(LT)	1
HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY	G2G4	S2S3	3C	N	1
REMIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	1
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G3G5	S3	N	LT	3
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	1
ASPLENIUM DENTATUM	SLENDER SPLEENWORT	G?	S1S2	N	(LT)	1
ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT	G?	S1	N	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1

ELEMENT OCCURRENCE RECORDS FOR BROWARD COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			1
ROCKLAND HAMMOCK		G3	S2			1
SCRUB		G3	S2			1

Total items 27
Total records tallied 41

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ELEMENT OCCURRENCE RECORDS FOR CHARLOTTE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON	G3	S2	C2	LS	1
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	7
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	4
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	8
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	16
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	8
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	7
MAMMALS						
EUMOPS GLAUCINUS FLORIDANUS	FLORIDA MASTIFF BAT	G5?T2?	S2?	C2	N	1

ELEMENT OCCURRENCE RECORDS FOR CHARLOTTE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
DEERINGOTHAMNUS PULCHELLUS	BEAUTIFUL PAWPAW	G1	S1	LE	LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	2
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	1
NATURAL COMMUNITIES						
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			1
SCRUB	OAK SCRUB	G3	S2			1
SCRUBBY FLATWOODS		G3	S3			3
OTHER						
BIRD ROOKERY						8

Total items 23
Total records tallied 80

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR CITRUS COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	6
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
STILOSOMA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	3
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	6
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	5
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	3
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	4
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	5
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	3
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	11
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	2
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	5
MAMMALS						
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL	G5T3	S3	C2	LS	1
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	5

ELEMENT OCCURRENCE RECORDS FOR CITRUS COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
INVEREBRATES						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS LUCIFUGUS	LIGHT-FLEEING CAVE CRAYFISH	G3	S3		N	1
TROGLOCAMBARUS MACLANEI	MCLANE'S CAVE CRAYFISH	G2	S2		N	1
CINCINNATIA HELICOGYRA	HELICOID SPRING SNAIL	G1	S1	C2	N	1
SPECIAL PLANTS						
AGRIMONIA INCISA	INCISED GROOVE-BUR	G3	S2	C2	N	1
CHIONANTHUS PYGMAEUS	PYGMY FRINGE-TREE	G2	S2	LE	LE	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
PHARUS PARVIFOLIUS	CREEPING-LEAF STALKGRASS	G?	S1SH	N	N	1
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
SPIRANTHES POLYANTHA	GREEN LADIES-TRESSES	G1G3	S1S2	C2	LE	1
TRIPHORA CRAIGHEADII	CRAIGHEAD'S NODDING-CAPS	G1	S1	C2	(LT)	1
ASPLENIUM PUMILUM	DWARF SPLEENWORT	G?	S1	N	LE	2
CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G?	S2	N	(LT)	1
NATURAL COMMUNITIES						
SANDHILL UPLAND LAKE		G3	S2			1
BASIN MARSH		G4	S3			1
AQUATIC CAVE		G3	S2			1
TERRESTRIAL CAVE		G3	S1			6
ROCKLAND HAMMOCK		G3	S2			1
SANDHILL		G4	S3			2

ELEMENT OCCURRENCE RECORDS FOR CITRUS COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
SCRUB	SAND PINE SCRUB/OAK SCRUB	G3	S2			8
SHELL MOUND		G3	S3			2
SINKHOLE		G3	S2			1
XERIC HAMMOCK	MATURE SCRUB HAMMOCK	G3	S2			2
OTHER						
BIRD ROOKERY						6

Total items 42
Total records tallied 111

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR COLLIER COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	12
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	5
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	1
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	8
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	1
COCCYZUS MINOR	MANGROVE CUCKOO	G5	S3		N	1
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	9
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	5
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	6
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	14
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	10
PICOIDES VILLOSUS	HAIRY WOODPECKER	G5	S3?		N	1
PLEGADIS FALCINELLUS	GLOSSY IBIS	G5	S2		N	1
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	2
VIREO ALTILOQUUS	BLACK-WHISKERED VIREO	G5	S3		N	2

ELEMENT OCCURRENCE RECORDS FOR COLLIER COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
MAMMALS						
FELIS CONCOLOR CORYI	FLORIDA PANTHER	G4T1	S1	LE	LE	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
SPECIAL PLANTS						
CELTIS IGUANAEA	IGUANA HACKBERRY	G?	S1	N	LE	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	5
ELYTRARIA CAROLINIENSIS VAR ANGUSTIFOLIA	NARROW-LEAVED CAROLINA SCALYSTEM	G2G4T2	S2	C2	N	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	3
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T1T3	S1	C1	N	2
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA	G2	S2	C2	LE	1
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	N	1
LECHEA LAKELAE	LAKELA'S PINWEED	G1	S1	C2	N	1
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	N	2
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	2
PEPEROMIA GLABELLA	CYPRESS PEPEROMIA	G?	S1	N	LE	1
PERSEA HUMILIS	SCRUB BAY	G5?T4	S3	3C	N	1
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	1
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	4
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	3
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	2
CAMPYLOCENTRUM PACHYRRHIZUM	LEAFLESS ORCHID	G?	S1	N	LE	2
CATOPSIS NUTANS	NODDING CATOPSIS	G?	S1	N	(LT)	1
CYRTOPODIUM PUNCTATUM	COW-HORNED ORCHID	G?	S1	N	LE	2
GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD	G?	S1	N	LE	2
GYMNOPOGON FLORIDANUS	FLORIDA BEARDGRASS	G2?	S2	C2	N	1

ELEMENT OCCURRENCE RECORDS FOR COLLIER COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
IONOPSIS UTRICULARIOIDES	DELICATE IONOPSIS	G?	S2	N	LE	1
LEPANTHOPSIS MELANANTHA	TINY ORCHID	G1G3	S1	C2	LE	1
POLYRRHIZA LINDENII	GHOST ORCHID	G?	S2	N	LE	3
ROYSTONEA ELATA	FLORIDA ROYAL PALM	G2Q	S2	C1	LE	2
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G3G5	S3	N	LT	5
TILLANDSIA PRUINOSA	FUZZY-WUZZY AIR-PLANT	G?	S2	N	LE	2
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	1
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G?	S2	N	LE	1
ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT	G?	S1	N	LE	4
CAMPYLONEURUM ANGUSTIFOLIUM	NARROW STRAP FERN	G?	S1	N	LE	1
CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G?	S2	N	(LT)	1
LYCOPODIUM DICHOTOMUM	HANGING CLUBMOSS	G2	S1	N	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
NATURAL COMMUNITIES						
ESTUARINE TIDAL SWAMP		G3	S3			3
SINKHOLE LAKE		G3	S3			1
SWAMP LAKE		G4	S3			2
SWAMP/MARSH LAKE		G4	S3			3
BAYGALL		G4	S4			2
DOME	CYPRESS DOME	G5	S5			1
MARL PRAIRIE		G4	S3			2
SLOUGH	POND APPLE/POP ASH SLOUGH, LETTUCE LAKE,	G5	S5			1
STRAND SWAMP		G4	S4			2
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			2
COASTAL STRAND		G3	S3			5

ELEMENT OCCURRENCE RECORDS FOR COLLIER COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
MARITIME HAMMOCK	CACTUS HAMMOCK	G4	S3			13
MESIC FLATWOODS	SLASH PINE/PALMETTO FLATWOODS	G5	S5			1
PINE ROCKLAND	BIG CYPRESS PINE ROCKLAND	G2	S1			1
ROCKLAND HAMMOCK		G3	S2			3
SCRUB	OAK SCRUB; PALMETTO SCRUB	G3	S2			25
SCRUBBY FLATWOODS		G3	S3			1
SHELL MOUND		G3	S3			14
OTHER						
BIRD ROOKERY						11

Total items 80
Total records tallied 251

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR DADE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G3?	S3?		N	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
CROCODYLUS ACUTUS	AMERICAN CROCODILE	G2?	S1	LE	LE	2
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
ERETMOCHELYS IMBRICATA	HAWKSBILL	G3?	S1	LE	LE	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE	G1G2Q	S1S2	C2	LT	6
BIRDS						
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	4
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	3
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	3
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	3
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1

ELEMENT OCCURRENCE RECORDS FOR DADE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
INVERTEBRATES						
CRANGONYX GRANDIMANUS	FLORIDA CAVE AMPHIPOD	G2	S2	C2	N	1
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS MILLERI	MILLER'S CAVE CRAYFISH	G1	S1		N	1
EUMAEUS ATALA FLORIDA	FLORIDA ATALA	U	S1	C2	N	2
SPECIAL PLANTS						
AMORPHA CRENULATA	CRENULATE LEAD-PLANT	G1	S1	LE	LE	3
AMYRIS BALSAMIFERA	BALSAM TORCHWOOD	G?	S1	N	N	2
ARGYTHAMNIA BLODGETTII	BLODGETT'S WILD-MERCURY	G2	S2	C2	N	8
BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK	G?	S1	N	N	9
BOURRERIA RADULA	ROUGH STRONGBARK	G2G3	S1	N	N	1
BRICKELLIA MOSIERI	FLORIDA THOROUGHWORT BRICKELL-BUSH	G1G2	S1S2	C2	N	2
CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE	G2?T2	S2	LE	N	18
CHAMAESYCE PORTERIANA VAR PORTERIANA	PORTER'S BROAD-LEAVED SPURGE	G2T2	S2	C1	N	2
COLUBRINA CUBENSIS	COLUBRINA	G?	S1S2	N	N	4
CROSSOPETALUM ILICIFOLIUM	CHRISTMAS BERRY	G?	S2	N	N	27
CUCURBITA OKEECHOBEENSIS	OKEECHOBEE GOURD	G1	S1	C2	LE	1
ELYTRARIA CAROLINIENSIS VAR ANGUSTIFOLIA	NARROW-LEAVED CAROLINA SCALYSTEM	G2G4T2	S2	C2	N	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	8
EUGENIA CONFUSA	TROPICAL IRONWOOD	G4G5	S3S4	N	LT	1
EUPHORBIA GARBERI	GARBER'S SPURGE	G1	S1	LT	LE	4
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T1T3	S1	C1	N	16
GALACTIA PINETORUM	PINELAND MILK-PEA	G2	S2	C2	N	6
GALACTIA SMALLII	SMALL'S MILKPEA	G1	S1	LE	N	2
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	5
GUAIACUM SANCTUM	LIGNUM-VITAE	G?	S2	N	LE	1
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	1
HYPELATE TRIFOLIATA	INKWOOD	G2	S1	N	LT	1
ILEX KRUGIANA	KRUG'S HOLLY	G?	S2	N	LT	16
JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA	G2	S2	C2	LE	25

ELEMENT OCCURRENCE RECORDS FOR DADE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	1
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	1
LICARIA TRIANDRA	GULF LICARIA	G?	S1	N	LE	3
LINUM ARENICOLA	SAND FLAX	G1G2	S1S2	C2	LE	1
LINUM CARTERI VAR CARTERI	CARTER'S SMALL-FLOWERED FLAX	G2T1	S1	C1	N	1
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	N	2
MELANTHERA PARVIFOLIA	SMALL-LEAVED MELANTHERA	G2Q	S2	C2	N	24
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	10
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	6
PEPEROMIA FLORIDANA	EVERGLADES PEPEROMIA	G1G2	S1S2	C2	LE	2
PHYLLANTHUS PENTAPHYLLUS	FIVE-PETALED LEAF-FLOWER	G?	S?	N	N	25
POLYGALA BOYKINII VAR SPARSIFOLIA	BOYKIN'S FEW-LEAVED MILKWORT	G3G5T1	S1	C2	N	1
POLYGALA SMALLII	TINY POLYGALA	G1	S1	LE	LE	4
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	5
SACHSIA BAHAMENSIS	BAHAMA SACHSIA	G2	S1	N	LE	8
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	3
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
STILLINGIA SYLVATICA SSP TENUIS	A QUEEN'S DELIGHT	G4G5T1	S1	C2	N	18
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	2
TETRAZYGIA BICOLOR	TETRAZYGIA	G3G5	S3	N	LT	31
TRAGIA SAXICOLA	PINELAND NOSEBURN	G2	S2	C2	N	20
BRASSIA CAUDATA	SPIDER ORCHID	GU	SH	C2	(LT)	1
CATOPSIS BERTERONIANA	POWDERY CATOPSIS	G?	S1	N	LE	4
COCCOTHRINAX ARGENTATA	SILVER PALM	G3G4	S3	N	LC	35
CYRTOPODIUM PUNCTATUM	COW-HORNED ORCHID	G?	S1	N	LE	1
DICHROMENA FLORIDENSIS	FLORIDA WHITE-TOP SEDGE	G?	S2	N	N	21
ELTROPLECTRIS CALCARATA		G?	S1	N	LE	2
EPIDENDRUM NOCTURNUM	NIGHT-SCENTED ORCHID	G?	S2	N	(LT)	7
GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD	G?	S1	N	LE	2
PANICUM PINETORUM	BONITA SPRINGS PANIC GRASS	G2?Q	S2	C2	N	2
POLYRRHIZA LINDENII	GHOST ORCHID	G?	S2	N	LE	1
PSEUDOPHOENIX SARGENTII	FLORIDA CHERRY-PALM	GU	S1	N	LE	2

ELEMENT OCCURRENCE RECORDS FOR DADE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
REMIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	1
ROYSTONEA ELATA	FLORIDA ROYAL PALM	G2Q	S2	C1	LE	7
SACOILA LANCEOLATA VAR PALUDICOLA	A LADIES'-TRESSES	G4T1T2	S2	C2	(LT)	1
THRINAX MORRISII	BRITTLE THATCH PALM	G?	S1	N	LC	1
THRINAX RADIATA	FLORIDA THATCH PALM	G?	S2	N	LC	2
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G3G5	S3	N	LT	8
TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS	G2	S2	C1	N	13
VANILLA BARBELLATA	WORM-VINE ORCHID	G?	S2	N	LE	1
ZEPHYRANTHES SIMPSONII	RAIN LILY	G2G4	S2S3	3C	LE	1
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	1
ADIANTUM MELANOLEUCUM	FRAGRANT MAIDENHAIR FERN	G?	S1	N	LE	2
ASPLENIUM DENTATUM	SLENDER SPLEENWORT	G?	S1S2	N	(LT)	3
ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT	G?	S1	N	LE	1
CAMPYLONEURUM ANGUSTIFOLIUM	NARROW STRAP FERN	G?	S1	N	LE	1
TECTARIA CORIANDRIFOLIA	HATTIE BAUER HALBERD FERN	G2?	S1	N	LE	1
TECTARIA X AMESIANA	AMES HALBERD FERN	GH?Q	SH?	C2	(LT)	1
NATURAL COMMUNITIES						
MARINE TIDAL SWAMP		G3	S3			2
MARL PRAIRIE		G4	S3			1
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			1
MESIC FLATWOODS	DADE SANDY PINELAND	G5	S5			3
PINE ROCKLAND	DADE PINE ROCKLAND	G2	S1			42
ROCKLAND HAMMOCK	MIAMI RIDGE HAMMOCK	G3	S2			39
SHELL MOUND		G3	S3			2
SINKHOLE		G3	S2			1

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR DADE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
OTHER						
GEOLOGICAL FEATURE	PETRIFIED MANGROVE REEF OF KEY BISCAYNE					1

Total items 104
Total records tallied 596

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR DIXIE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON	G3	S2	C2	LS	1
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	5
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	3
BIRDS						
BUTEO BRACHYURUS	SHORT-TAILED HAWK	G4?	S3			1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
MAMMALS						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
SPECIAL PLANTS						
ANEMONE BERLANDIERI	TEXAS ANEMONE	GU	S2	N	N	4

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR DIXIE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
SPRING-RUN STREAM		G2	S2			6
OTHER						
BIRD ROOKERY						2

Total items	14
Total records tallied	33

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR DUVAL COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	2
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CLEMMYS GUTTATA	SPOTTED TURTLE	G5	S3?		N	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
BIRDS						
AMMODRAMUS MARITIMUS PELONOTUS	SMYRNA SEASIDE SPARROW	G4T2Q	S2?	C2	N	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	5
CISTOTHORUS PALUSTRIS GRISEUS	WORTHINGTON'S MARSH WREN	G5T3	S2		LS	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	2
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4		N	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	3
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
SPECIAL PLANTS						
SPHENOSTIGMA COELESTINUM	BARTRAM'S IXIA	G1G2	S1S2	C2	LT	1
SPIRANTHES POLYANTHA	GREEN LADIES-TRESSES	G1G3	S1S2	C2	LE	1
CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G?	S2	N	(LT)	1

ELEMENT OCCURRENCE RECORDS FOR DUVAL COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
ESTUARINE UNCONSOLIDATED SUBSTRATE		G5	S5			1
BEACH DUNE		G4	S3			3
COASTAL STRAND		G3	S3			3
DRY PRAIRIE		G2	S2			1
MARITIME HAMMOCK		G4	S3			4
OVERWASH PLAIN		G3	S3			1
SCRUB	OAK SCRUB, PALMETTO SCRUB, ROSEMARY SCRUB	G3	S2			2
SHELL MOUND		G3	S3			4

Total items 28
Total records tallied 53

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR ESCAMBIA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
AMMOCRYPTA ASPRELLA	CRYSTAL DARTER	G3	S1	C2	LT	1
ETHEOSTOMA HISTRIO	HARLEQUIN DARTER	G4	S1		LS	3
ETHEOSTOMA PROELIARE	CYPRESS DARTER	G5	S2		N	2
FUNDULUS JENKINSI	SALTMARSH TOPMINNOW	G3	S2		LS	1
HYBOGNATHUS HAYI	CYPRESS MINNOW	G5?	S2		N	3
HYBOPSIS AESTIVALIS	SPECKLED CHUB	G5	S2		N	2
LEPISOSTEUS SPATULA	ALLIGATOR GAR	G5	S3		LS	1
MOXOSTOMA CARINATUM	RIVER REDHORSE	G4	S1		LS	2
PERCINA OUACHITAE	SADDLEBACK DARTER	G5	S1		N	6
AMPHIBIANS						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	1
DESMOGNATHUS MONTICOLA	SEAL SALAMANDER	G5	S1		N	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
GRAPTEMYS PULCHRA	ALABAMA MAP TURTLE	G4?	S2		LS	1
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	2
TRIONYX MUTICUS CALVATUS	GULF COAST SMOOTH SOFTSHELL	G5T4?	S2?		N	1
MAMMALS						
MUSTELA VISON LUTENSIS	FLORIDA MINK	G5T3	S3	C2	N	1

ELEMENT OCCURRENCE RECORDS FOR ESCAMBIA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN-ASTER	G2	S2	N	N	6
CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN-ASTER	G3G5T2	S2	C1	LE	4
PARONYCHIA ERECTA	BEACH SAND-SQUARES	G3G4	G364	N	N	2
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S1	C1	LT	4
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHERPLANT	G3G5	S3	N	LE	2
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3?	S2	3C	LE	1
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	5
XYRIS SCABRIFOLIA	HARPER'S YELLOW-EYED GRASS	G1G2Q	S1	C2	LT	1
NATURAL COMMUNITIES						
ESTUARINE MOLLUSK REEF		G3	S3			1
ESTUARINE TIDAL MARSH		G4	S4			1
BASIN SWAMP		G5	S4			1
BAYGALL		G4	S4			1
FLOODPLAIN SWAMP		G4	S4			1
SEEPAGE SLOPE	SEEPAGE HERB BOG	G4	S3			6
STRAND SWAMP	SLASH PINE SWAMP	G4	S4			1
WET FLATWOODS		G4	S4			1
WET PRAIRIE	PITCHER PLANT PRAIRIE	G5	S4			1
ALLUVIAL STREAM		G4	S2			1
BEACH DUNE		G4	S3			1
SCRUB	SAND PINE SCRUB	G3	S2			2
SLOPE FOREST	BEECH/MAGNOLIA FOREST	G3	S2			2

Total items 40
Total records tallied 79

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR FLAGLER COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	2
SPECIAL PLANTS						
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	2
HELIANTHUS CARNOSUS	LAKE-SIDE SUNFLOWER	G2	S2	C2	N	1
PAVONIA SPINIFEX	YELLOW HIBISCUS	G4G5	S2S3	N	N	1
PYCNANTHEMUM FLORIDANUM	FLORDIA MOUNTAIN-MINT	G3	S3	3C	N	2
NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2	S2	C2	LE	2
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
MARINE CONSOLIDATED SUBSTRATE		G3	S3			1
FLOODPLAIN SWAMP	FLOODPLAIN CYPRESS/CABBAGE PALM	G4	S4			1
BEACH DUNE	TEMPERATE BEACH DUNE	G4	S3			1
COASTAL STRAND	TEMPERATE COASTAL STRAND	G3	S3			3
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			1
SCRUB	OAK SCRUB	G3	S2			2

Total items 17
Total records tallied 26

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR FRANKLIN COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
EUMECES ANTHRACINUS	COAL SKINK	G5	S3		N	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
GRAPTEMYS BARBOURI	BARBOUR'S MAP TURTLE	G2	S2	C2	LS	1
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	4
BIRDS						
AMMODRAMUS MARITIMUS JUNCICOLUS	WAKULLA SEASIDE SPARROW	G4T2	S2	C2	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	1
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	2
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	2
HAEMATOPUS PALLIATUS	AMERICAN OYSTERCATCHER	G5	S3		LS	3
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	2
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4		N	2
LATERALLUS JAMAICENSIS	BLACK RAIL	G5	S3?		N	1
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3		N	2
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	2
STERNA CASPIA	CASPIAN TERN	G5	S2?		N	1

ELEMENT OCCURRENCE RECORDS FOR FRANKLIN COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	4
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	1
BAPTISIA SIMPLICIFOLIA	SCARE-WEED	G2G3	S2S3	C2	LT	4
CUPHEA ASPERA	TROPICAL WAXWEED	G2?	S2	C2	N	2
EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE	G1	S1	C2	N	2
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	3
HEDEOMA GRAVEOLENS	MOCK PENNYROYAL	G2	S2	C1	LE	2
JUSTICIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW	G2?	S2	C2	N	7
LEITNERIA FLORIDANA	CORKWOOD	G3G4	S3	3C	LT	2
LIATRIS PROVINCIALIS	GODFREY'S BLAZING STAR	G2	S2	C2	LE	10
LINUM WESTII	WEST'S FLAX	G2	S2	C2	LT	2
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	9
LYTHRUM CURTISSII	CURTISS' LYTHRUM	G1	S1	C2	N	1
MACBRIDEA ALBA	WHITE BIRDS-IN-A-NEST	G1	S1	C2	LE	6
PARNASSIA CAROLINIANA	CAROLINA GRASS-OF-PARNASSUS	G2	S1	C2	N	4
PARNASSIA GRANDIFOLIA	LARGE-FLOWERED GRASS-OF-PARNASSUS	G3?	S2	N	LE	2
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERWORT	G2	S2	C2	N	2
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	N	2
PITYOPSIS FLEXUOSA	BENT GOLDEN-ASTER	G3	S3	C2	LE	2
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S1	C1	LT	2
RHEXIA PARVIFLORA	A MEADOWBEAUTY	G2	S2	C2	LE	3
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	G2	S2	C2	LT	3
ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEM	G3	S3	3C	N	1
HARPEROCALLIS FLAVA	HARPER'S BEAUTY	G1	S1	LE	LE	1
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	6
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G1	S1	C2	LE	8
PLATANTHERA INTEGRA	YELLOW FRINGELESS ORCHID	G3G4	S3S4	3C	(LT)	2

ELEMENT OCCURRENCE RECORDS FOR FRANKLIN COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
ESTUARINE MOLLUSK REEF		G3	S3			3
SWAMP LAKE		G4	S3			6
BLACKWATER STREAM		G4	S2			1
BEACH DUNE		G4	S3			1
MARITIME HAMMOCK		G4	S3			2
MESIC FLATWOODS	INSULAR SLASH PINE FLATWOODS	G5	S5			1
OVERWASH PLAIN		G3	S3			1
SANDHILL	SCRUBBY LONGLEAF PINE FOREST	G4	S3			1
SCRUB	SAND PINE SCRUB	G3	S2			2
OTHER						
BIRD ROOKERY						1

Total items 64
Total records tallied 155

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR GULF COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	2
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
EUMECES ANTHRACINUS	COAL SKINK	G5	S3		N	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
GRAPTEMYS BARBOURI	BARBOUR'S MAP TURTLE	G2	S2	C2	LS	3
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	3
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	1
BIRDS						
ACCIPITER COOPERII	COOPER'S HAWK	G4	S3?		N	1
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	1
FALCO COLUMBARIUS	MERLIN	G4	SU		N	1
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	3
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PICOIDES VILLOSUS	HAIRY WOODPECKER	G5	S3?		N	1
SPECIAL PLANTS						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	3
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	3
CUPHEA ASPERA	TROPICAL WAXWEED	G2?	S2	C2	N	7
EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE	G1	S1	C2	N	4
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	3
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
JUSTICIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW	G2?	S2	C2	N	4
LINUM WESTII	WEST'S FLAX	G2	S2	C2	LT	1
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	2
MACBRIDEA ALBA	WHITE BIRDS-IN-A-NEST	G1	S1	C2	LE	1

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR GULF COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
MYRIOPHYLLUM LAXUM	PIEDMONT WATER-MILFOIL	G2G3	S2S3	C2	N	1
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERWORT	G2	S2	C2	N	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	N	1
RHODODENDRON CHAPMANII	CHAPMAN'S RHODODENDRON	G1G2	S1S2	LE	LE	6
SCUTELLARIA FLORIDANA	FLORIDA SKULLCAP	G1	S1	C2	N	3
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	G2	S2	C2	LT	7
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	1
NATURAL COMMUNITIES						
ESTUARINE MOLLUSK REEF		G3	S3			2
WET FLATWOODS	LONGLEAF PINE SAVANNA	G4	S4			1
BEACH DUNE		G4	S3			1
MESIC FLATWOODS		G5	S5			1
SCRUB	SAND PINE SCRUB	G3	S2			2
UPLAND PINE FOREST	OPEN LONGLEAF PINE FOREST?	G5	S4			1

Total items 37
Total records tallied 79

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR HERNANDO COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	7
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	2
MAMMALS						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	1
INVEREBRATES						
CRANGONYX GRANDIMANUS	FLORIDA CAVE AMPHIPOD	G2	S2	C2	N	1
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS LEITHEUSERI	LEITHEUSER'S CAVE CRAYFISH	G2	S2		N	5
TROGLOCAMBARUS MACLANEI	MCLANE'S CAVE CRAYFISH	G2	S2		N	1
SPECIAL PLANTS						
AGRIMONIA INCISA	INCISED GROOVE-BUR	G3	S2	C2	N	1
CAMPANULA ROBINSIAE	BROOKSVILLE BELLFLOWER	G1	S1	C2	LE	3
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
JUSTICIA COOLEYI	COOLEY'S WATER-WILLOW	G1G2	S1S2	C1	LE	7
MONOTROPSIS REYNOLDSIAE	PIGMY-PIPES	G1Q	S1	C2	LE	1
PYCNANTHEMUM FLORIDANUM	FLORDIA MOUNTAIN-MINT	G3	S3	3C	N	2

ELEMENT OCCURRENCE RECORDS FOR HERNANDO COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS	G1G3	S3	C2	N	1
DIGITARIA FLORIDANA	FLORIDA CRABGRASS	G1?	S1	C2	N	1
NOLINA BRITTONIANA	BRITTON'S BEAR-GRASS	G1	S1	C2	N	1
TRIPHORA CRAIGHEADII	CRAIGHEAD'S NODDING-CAPS	G1	S1	C2	(LT)	2
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G?	S2	N	LE	1
ASPLENIUM PUMILUM	DWARF SPLEENWORT	G?	S1	N	LE	1
BLECHNUM OCCIDENTALE	SINKHOLE FERN	G5	S1	N	LE	2
NATURAL COMMUNITIES						
BASIN SWAMP	CYPRESS SWAMP	G5	S4			1
HYDRIC HAMMOCK		G4	S3			1
AQUATIC CAVE		G3	S2			5
ROCKLAND HAMMOCK		G3	S2			1
SANDHILL		G4	S3			1
SCRUB		G3	S2			2
SINKHOLE		G3	S2			2

Total items 30
Total records tallied 60

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR HILLSBOROUGH COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
RANA AREOLATA	GOPHER FROG	G5	S3	C2	LS	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	10
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
STILOSOMA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	6
BIRDS						
AJAIA AJAJA	ROSEATE SPOONBILL	G5	S2S3		LS	1
ARAMUS GUARAUNA	LIMPKIN	G5	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	2
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	6
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PLEGADIS FALCINELLUS	GLOSSY IBIS	G5	S2		N	1

ELEMENT OCCURRENCE RECORDS FOR HILLSBOROUGH COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
MAMMALS						
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL	G5T3	S3	C2	LS	1
SPECIAL PLANTS						
CHIONANTHUS PYGMAEUS	PYGMY FRINGE-TREE	G2	S2	LE	LE	1
CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER	G1	S1	LE	LE	6
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	5
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	4
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	N	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
TRIPHORA LATIFOLIA	BROAD-LEAVED NODDING-CAPS	GH	SH	C2*	(LT)	1
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G?	S2	N	LE	2
NATURAL COMMUNITIES						
HYDRIC HAMMOCK		G4	S3			1
SCRUB		G3	S2			4

Total items 32
Total records tallied 76

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR INDIAN RIVER COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	1
DERMOCHELYS CORIACEA	LEATHERBACK TURTLE	G3	S2	LE	LE	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	4
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	3
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	3
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	3
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	3
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	3
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	1
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	1

ELEMENT OCCURRENCE RECORDS FOR INDIAN RIVER COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	5
DICERANDRA IMMACULATA	LAKELA'S MINT	G1	S1	LE	LE	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	4
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	1
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	N	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
TEPHROSIA ANGUSTISSIMA	A DEVIL'S SHOESTRING	G1Q	S1	C1	N	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
NATURAL COMMUNITIES						
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			2
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			4
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	SE			4
SCRUB		G3	S2			6

Total items 34
Total records tallied 74

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR JEFFERSON COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3		N	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CLEMMYS GUTTATA	SPOTTED TURTLE	G5	S3?		N	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
PSEUDEMYS CONCINNA SUWANNIENSIS	SUWANEE COOTER	G5T3	S3	3C	LS	1
BIRDS						
ARAMUS GUARAUNA	LIMPKIN	G5	S3		LS	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
INVERTEBRATES						
PROCAMBARUS HORSTI	HORST'S CAVE CRAYFISH	G1	S1		N	1
SPECIAL PLANTS						
BRICKELLIA CORDIFOLIA	FLYR'S BRICKELL-BUSH	G1G3	S2	C2	LT	1
RIBES ECHINELLUM	MICCOSUKEE GOOSEBERRY	G1	S1	LT	LE	2
SALIX FLORIDANA	FLORIDA WILLOW	G2	S2	C2	LT	1

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR JEFFERSON COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
BLACKWATER STREAM		G4	S2			1
SPRING-RUN STREAM		G2	S2			2
AQUATIC CAVE		G3	S2			1
OTHER						
GEOLOGICAL FEATURE	WACISSA RIVER					1

Total items 18
Total records tallied 21

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR LEE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	3
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	9
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	1
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	7
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	12
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3		N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	8
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	11
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	10
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	3
FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD	G5	S1		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	17
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	7
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	3
VIREO ALTILOQUUS	BLACK-WHISKERED VIREO	G5	S3		N	1
MAMMALS						
ORYZOMYS PALUSTRIS PLANIROSTRIS	PINE ISLAND RICE RAT	G5T1	S1	C2	N	2
ORYZOMYS PALUSTRIS SANIBELI	SANIBEL ISLAND RICE RAT	G5T1	S1	C2	LS	3
SIGMODON HISPIDUS INSULICOLA	INSULAR COTTON RAT	G5T1T2	S1S2	C2	N	4
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1

ELEMENT OCCURRENCE RECORDS FOR LEE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
CELTIS PALLIDA	SPINY HACKBERRY	G?	S1	N	LE	3
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	2
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
DEERINGOTHAMNUS PULCHELLUS	BEAUTIFUL PAWPAW	G1	S1	LE	LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	4
EUGENIA RHOMBEA	RED STOPPER	G?	S1	N	LE	1
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T1T3	S1	C1	N	1
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	4
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	3
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	6
PANICUM PINETORUM	BONITA SPRINGS PANIC GRASS	G2?Q	S2	C2	N	1
NATURAL COMMUNITIES						
MARINE TIDAL SWAMP		G3	S3			1
FLOODPLAIN SWAMP	POP ASH SWAMP	G4	S4			1
COASTAL BERM	AGAVE BARREN	G3	S2			4
MESIC FLATWOODS		G5	S5			1
SCRUB	OAK SCRUB	G3	S2			6
SHELL MOUND		G3	S3			4
OTHER						
BIRD ROOKERY						13

Total items 42
Total records tallied 169

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR LEVY COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3		N	3
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	10
EUMECES EGREGIUS INSULARIS	CEDAR KEYS MOLE SKINK	G4?T1	S1		N	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	9
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	2
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	8
PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE	G5T3?	U	C2	LS	3
PSEUDEMYS CONCINNA SUWANNIENSIS	SUWANEE COOTER	G5T3	S3	3C	LS	2
BIRDS						
ACCIPITER COOPERII	COOPER'S HAWK	G4	S3?		N	1
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	7
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	3
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T3T4	S3?	C2	LT	15
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	11
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR LEVY COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
MAMMALS						
MUSTELA VISON LUTENSIS	FLORIDA MINK	G5T3	S3	C2	N	1
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL	G5T3	S3	C2	LS	3
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
INVERTEBRATES						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS LUCIFUGUS	LIGHT-FLEEING CAVE CRAYFISH	G3	S3		N	2
PROCAMBARUS PALLIDUS	PALLID CAVE CRAYFISH	G2G3	S2S3		N	1
TROGLOCAMBARUS MACLANEI	MCLANE'S CAVE CRAYFISH	G2	S2		N	1
NEMAPALPUS NEARCTICUS	SUGARFOOT FLY	U	U	C2	N	1
SPECIAL PLANTS						
ANEMONE BERLANDIERI	TEXAS ANEMONE	GU	S2	N	N	1
DROSERA INTERMEDIA	SPOON-LEAVED SUNDEW	G5	S3	N	LT	1
LEITNERIA FLORIDANA	CORKWOOD	G3G4	S3	3C	LT	3
LITSEA AESTIVALIS	PONDSPICE	G4G5	S2	3C	LT	1
PHYLLANTHUS LEIBMANNIANUS	PINE-WOOD DAINTIES	G3G5	S3	N	LT	1
SIUM FLORIDANUM	FLORIDA WATER-PARSNIP	G1Q	S1	C2	N	1
SPIGELIA LOGANIOIDES	A PINKROOT	G1G2	S1S2	3C	LE	4
ULMUS CRASSIFOLIA	CEDAR ELM	G4?	S1	N	N	2
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G?	S3	N	N	1
ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR-FERN	G5	S3S4	N	(LT)	1

ELEMENT OCCURRENCE RECORDS FOR LEVY COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
BASIN SWAMP	CYPRESS SWAMP AND BLACKGUM SWAMP	G5	S4			1
FLOODPLAIN SWAMP		G4	S4			2
FRESHWATER TIDAL SWAMP	CYPRESS/BLACKGUM/SWEETBAY/ASH SWAMP?	G3	S3			1
HYDRIC HAMMOCK		G4	S3			2
SPRING-RUN STREAM		G2	S2			2
AQUATIC CAVE		G3	S2			3
TERRESTRIAL CAVE		G3	S1			1
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			1
SANDHILL	LONGLEAF PINE/TURKEY OAK SANDHILL	G4	S3			1
SCRUB	OAK SCRUB	G3	S2			5
UPLAND HARDWOOD FOREST		G4	S3			1
UPLAND MIXED FOREST		G4	S4			1
XERIC HAMMOCK	ADVANCED XERIC FOREST	G3	S2			2
OTHER						
BIRD ROOKERY						3

Total items 55
Total records tallied 140

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR MANATEE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	1
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	1
SPECIAL PLANTS						
CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER	G1	S1	LE	LE	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	2
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	3
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	N	1
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	2

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR MANATEE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
SLOUGH		G5	S5			1
DRY PRAIRIE	PALMETTO PRAIRIE	G2	S2			1
SCRUB	SAND PINE SCRUB	G3	S2			3
OTHER						
BIRD ROOKERY						2

Total items 24
Total records tallied 35

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR MARTIN COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G3?	S3?		N	1
AMPHIBIANS						
RANA AREOLATA	GOPHER FROG	G5	S3	C2	LS	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	2
DERMOCHELYS CORIACEA	LEATHERBACK TURTLE	G3	S2	LE	LE	2
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	5
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	11
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	2
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	5
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1

ELEMENT OCCURRENCE RECORDS FOR MARTIN COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
BIRDS (cont.)						
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	3
MAMMALS						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	1
SPECIAL PLANTS						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G2G3	S2S3	N	LE	2
ASIMINA TETRAMERA	FOUR-PETAL PAWPAW	G1	S1	LE	LE	4
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	3
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	3
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	1
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	N	1
PERSEA HUMILIS	SCRUB BAY	G5?T4	S3	3C	N	1
POLYGALA SMALLII	TINY POLYGALA	G1	S1	LE	LE	1
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	1
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	2
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	2
COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS	G1G3	S3	C2	N	1

ELEMENT OCCURRENCE RECORDS FOR MARTIN COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
CYRTOPODIUM PUNCTATUM	COW-HORNED ORCHID	G?	S1	N	LE	1
ONCIDIUM VARIEGATUM	DANCING-LADY ORCHID	G1G3Q	S1	N	LE	1
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
REMIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	3
VANILLA MEXICANA	SCENTLESS VANILLA	G1G3	S1	N	(LT)	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	3
NATURAL COMMUNITIES						
ESTUARINE TIDAL SWAMP		G3	S3			1
MARINE AQUATIC BED		G3	S3			1
MARINE CONSOLIDATED SUBSTRATE		G3	S3			1
MARINE REEF		G2	S1			1
MARINE SPONGE BED		G2	S2			1
BLACKWATER STREAM		G4	S2			1
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			4
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			1
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			2
MESIC FLATWOODS	SLASH PINE/PALMETTO FLATWOODS	G5	S5			1
SCRUB	SAND PINE SCRUB	G3	S2			12

Total items 54
Total records tallied 116

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ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
CYPRINODON VARIEGATUS POP 1	FLORIDA KEYS SHEEPSHEAD MINNOW	G5T2Q	S2		N	11
FUNDULUS GRANDIS SAGUANUS	SOUTHERN GULF KILLIFISH	G5T4	S3		N	9
FUNDULUS SIMILIS SSP 1	FLORIDA KEYS SOUTHERN LONGNOSE KILLIFISH	G5T2Q	S2		N	11
GAMBUSIA RHIZOPHORAE	MANGROVE GAMBUSIA	G3	S3		N	5
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G3?	S3?		N	6
LUCANIA PARVA POP 1	FLORIDA KEYS RAINWATER KILLIFISH	G5T2Q	S2		N	8
MENIDIA CONCHORUM	KEY SILVERSIDE	G2Q	S2		LT	23
POECILIA LATIPINNA POP 1	FLORIDA KEYS SAILFIN MOLLY	G5T2Q	S2		N	11
STARKSIA STARCKI	KEY BLENNY	G1	S1		LS	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	6
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	2
CROCODYLUS ACUTUS	AMERICAN CROCODILE	G2?	S1	LE	LE	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	12
ELAPHE GUTTATA POP 1	LOWER KEYS RED RAT SNAKE	G5T2Q	S2		LS	15
ERETMOCHELYS IMBRICATA	HAWKSBILL	G3?	S1	LE	LE	1
EUMECES EGREGIUS EGREGIUS	FLORIDA KEYS MOLE SKINK	G4?T2	S2	C2	LS	8
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
KINOSTERNON BAURII BAURII	KEY MUD TURTLE	G5T2Q	S1S2	C2	LE	17
MALACLEMYS TERRAPIN RHIZOPHORARUM	MANGROVE TERRAPIN	G5T2?	S2?		N	13
STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE	G5T1Q	S1		LT	2
TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE	G1G2Q	S1S2	C2	LT	4
THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE	G5T1Q	S1		LT	5

ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
BIRDS						
AJAIA AJAJA	ROSEATE SPOONBILL	G5	S2S3		LS	12
ANOUS STOLIDUS	BROWN NODDY	G5	S1		N	1
ARDEA HERODIAS OCCIDENTALIS	GREAT WHITE HERON	G5T2	S2		N	43
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	25
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	1
COCCYZUS MINOR	MANGROVE CUCKOO	G5	S3		N	2
COLUMBA LEUCOCEPHALA	WHITE-CROWNED PIGEON	G3	S2	C2	LT	43
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3		N	9
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	8
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	10
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	14
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	13
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	15
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T3T4	S3?	C2	LT	1
FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD	G5	S1		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	52
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	4
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	3
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	12
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	5
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3		N	1
SEIURUS MOTACILLA	LOUISIANA WATERTHRUSH	G5	S3		N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	3
STERNA FUSCATA	SOOTY TERN	G5	S1		N	1
VIREO ALTILOQUUS	BLACK-WHISKERED VIREO	G5	S3		N	16

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
MAMMALS						
NEOTOMA FLORIDANA SMALLI	KEY LARGO WOODRAT	G5T1	S1	LE	LE	16
ODOCOILEUS VIRGINIANUS CLAVIUM	KEY DEER	G5T1	S1	LE	LE	11
ORYZOMYS ARGENTATUS	SILVER RICE RAT	G2Q	S2	C1	LE	9
PEROMYSCUS GOSSYPINUS ALLAPATICOLA	KEY LARGO COTTON MOUSE	G5T1	S1	LE	LE	3
PROCYON LOTOR AUSPICATUS	KEY VACA RACCOON	G5T2?	S2?	C2	N	12
SIGMODON HISPIDUS EXSPUTUS	LOWER KEYS COTTON RAT	G5T2	S2	3C	N	2
SYLVILAGUS PALUSTRIS HEFNERI	LOWER KEYS RABBIT	G5T2	S2	C2	N	13
INVEREBRATES						
EUNICA TATILA TATILISTA	FLORIDA PURPLEWING	U	U		N	2
HERACLIDES ARISTODEMUS PONCEANUS	SCHAUS' SWALLOWTAIL	G4?T1	S1	LE	LE	2
ORTHALICUS RESES RESES	STOCK ISLAND TREE SNAIL	G2T1	S1	LT	LE	1
LIGUUS FASCIATUS MATECUMBENSIS	FLORIDA TREE SNAIL	U	S2			3
SPECIAL PLANTS						
ARGYTHAMNIA BLODGETTII	BLODGETT'S WILD-MERCURY	G2	S2	C2	N	8
BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK	G?	S1	N	N	1
CASSIA KEYENSIS	BIG PINE PARTRIDGE PEA	G1G2	S1S2	C1	LE	15
CATESBAEA PARVIFLORA	SMALL-FLOWERED LILY-THORN	G2G3	S1	N	LE	1
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	25
CEREUS ROBINII	KEY TREE-CACTUS	G1	S1	LE	LE	7
CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE	G2?T2	S2	LE	N	2
CHAMAESYCE DELTOIDEA SSP SERPYLLUM	WEDGE SPURGE	G2?T1	S1	C1	N	2
CHAMAESYCE PORTERIANA VAR KEYENSIS	PORTER'S HAIRY-PODDED SPURGE	G2T1	S1	C1	N	2
CHAMAESYCE PORTERIANA VAR SCOPARIA	PORTER'S BROOM SPURGE	G2T2	S2	C1	N	9

ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
CORDIA SEBESTENA	GEIGER TREE	G3G5	S2S3	N	LE	19
CROSSOPETALUM ILICIFOLIUM	CHRISTMAS BERRY	G?	S2	N	N	8
CUPANIA GLABRA	CUPANIA	G?	S1	N	LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	38
EUGENIA CONFUSA	TROPICAL IRONWOOD	G4G5	S3S4	N	LT	3
EUGENIA RHOMBEA	RED STOPPER	G?	S1	N	LE	4
EUPHORBIA GARBERI	GARBER'S SPURGE	G1	S1	LT	LE	11
GOSSYPIUM HIRSUTUM	WILD COTTON	G4G5	S3?	N	LE	7
GUAIACUM SANCTUM	LIGNUM-VITAE	G?	S2	N	LE	12
HIPPOMANE MANCINELLA	MANCHINEEL	G3G4	S2	N	LT	12
HYPELATE TRIFOLIATA	INKWOOD	G2	S1	N	LT	10
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	40
LINUM ARENICOLA	SAND FLAX	G1G2	S1S2	C2	LE	9
MELANTHERA PARVIFOLIA	SMALL-LEAVED MELANTHERA	G2Q	S2	C2	N	6
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	1
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	1
OPUNTIA SPINOSISSIMA	FLORIDA SEMAPHORE CACTUS	G1	S1	C2	(LT)	1
PHORADENDRON RUBRUM	MAHOGONY MISTLETOE	G?	S1	N	LE	3
PHYLLANTHUS PENTAPHYLLUS	FIVE-PETALED LEAF-FLOWER	G?	S?	N	N	2
PHYLLANTHUS PENTAPHYLLUS VAR FLORIDANUS	FLORIDA FIVE-PETALED LEAF-FLOWER	GUT2	S2	C2	N	5
PISONIA FLORIDANA	ROCK KEY DEVIL'S-CLAWS	GX	SX	3A	N	1
POLYGALA BOYKINII VAR SPARSIFOLIA	BOYKIN'S FEW-LEAVED MILKWORT	G3G5T1	S1	C2	N	10
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	7
SACHSIA BAHAMENSIS	BAHAMA SACHSIA	G2	S1	N	LE	2
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	1
SOLANUM BAHAMENSE VAR RUGELII	RUGEL'S KEY WEST HORSE-NETTLE	G4G5TH	SH	3A	N	25
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	33
STRUMPFIA MARITIMA	PRIDE-OF-BIG-PINE	G4	S1	N	LE	3
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	28
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	9
TRAGIA SAXICOLA	PINELAND NOSEBURN	G2	S2	C2	N	5

ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS (cont.)						
ZANTHOXYLUM FLAVUM	YELLOWHEART, SATINWOOD	G?	S1	N	LE	2
CATOPSIS BERTERONIANA	POWDERY CATOPSIS	G?	S1	N	LE	1
COCCOTHRINAX ARGENTATA	SILVER PALM	G3G4	S3	N	LC	28
DICHROMENA FLORIDENSIS	FLORIDA WHITE-TOP SEDGE	G?	S2	N	N	10
ENCYCLIA BOOTHIANA	DOLLAR ORCHID	G1G3	S1	C2	LE	4
HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY	G2G4	S2S3	3C	N	2
ROYSTONEA ELATA	FLORIDA ROYAL PALM	G2Q	S2	C1	LE	1
THRINAX MORRISII	BRITTLE THATCH PALM	G?	S1	N	LC	54
THRINAX RADIATA	FLORIDA THATCH PALM	G?	S2	N	LC	28
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G3G5	S3	N	LT	30
TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS	G2	S2	C1	N	1
VANILLA BARBELLATA	WORM-VINE ORCHID	G?	S2	N	LE	2
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	4
NATURAL COMMUNITIES						
COASTAL ROCKLAND LAKE		G2	S1			17
MARINE GRASS BED		G2	S2			1
MARINE TIDAL MARSH		G4	S4			3
MARINE TIDAL SWAMP	MARINE RED MANGROVE SWAMP	G3	S3			6
MARINE UNCONSOLIDATED SUBSTRATE	MARINE MARL FLAT	G5	S5			1
DEPRESSION MARSH	KEYS FRESHWATER MARSH	G5	S5			2
MARL PRAIRIE		G4	S3			2
BEACH DUNE		G4	S3			3
COASTAL ROCK BARREN	CACTUS BARREN	G3	S1			4
COASTAL STRAND	KEYS STRAND	G3	S3			1
MARITIME HAMMOCK		G4	S3			4
PINE ROCKLAND	KEYS PINE ROCKLAND	G2	S1			3
ROCKLAND HAMMOCK	CACTUS HAMMOCK	G3	S2			77
SHELL MOUND		G3	S3			3

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR MONROE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
OTHER						
BIRD ROOKERY						3

Total items 129
Total records tallied 1230

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR NASSAU COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
STEREOCHILUS MARGINATUS	MANY-LINED SALAMANDER	G4G5	S1		N	1
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CROTALUS HORRIDUS	CANEBRAKE RATTLESNAKE	G5	S3		N	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	7
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
BIRDS						
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	3
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	1
MAMMALS						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	2
SPECIAL PLANTS						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	1
HARTWRIGHTIA FLORIDANA	HARTWRIGHTIA	G2G3	S2S3	C2	LT	1

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR NASSAU COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
RIVER FLOODPLAIN LAKE		G4	S2			24
BLACKWATER STREAM		G4	S2			2
BEACH DUNE	TEMPERATE BEACH DUNE	G4	S3			1
COASTAL STRAND	TEMPERATE COASTAL STRAND	G3	S3			1
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			1

Total items 15
Total records tallied 48

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR OKALOOSA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
ETHEOSTOMA OKALOOSAE	OKALOOSA DARTER	G2	S2	LE	LE	5
AMPHIBIANS						
AMBYSTOMA TIGRINUM	TIGER SALAMANDER	G5	S3?		N	1
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3		N	2
HYLA ANDERSONII	PINE BARRENS TREEFROG	G4	S3	AC	LS	31
RANA OKALOOSAE	FLORIDA BOG FROG	G2	S2		LS	10
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	10
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE	G5T3?	U	C2	LS	2
BIRDS						
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	14
MAMMALS						
TAMIAS STRIATUS	EASTERN CHIPMUNK	G5	S1		LS	3

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR OKALOOSA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
BAPTISIA HIRSUTA	HAIRY WILD-INDIGO	G2Q	S2	C2	LT	4
CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER	G1	S1	LE	LE	1
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN-ASTER	G2	S2	N	N	6
CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN-ASTER	G3G5T2	S2	C1	LE	3
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	6
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	3
RHEXIA PARVIFLORA	A MEADOWBEAUTY	G2	S2	C2	LE	1
RHODODENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	1
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHERPLANT	G3G5	S3	C2	LE	1
TEPHROSIA MOHRII	PINELAND HOARY-PEA	G1G3	S1	C2	N	7
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	2
PLATANTHERA INTEGRA	YELLOW FRINGELESS ORCHID	G3G4	S3S4	3C	(LT)	1
NATURAL COMMUNITIES						
SEEPAGE SLOPE	SEEPAGE SHRUB BOG	G4	S3			34
SEEPAGE STREAM		G4	S2			3
BEACH DUNE		G4	S3			1
SANDHILL		G4	S3			4
SCRUB	SAND PINE SCRUB	G3	S2			1
SLOPE FOREST		G3	S2			1

Total items 31
Total records tallied 165

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR PALM BEACH COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G3?	S3?		N	2
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	4
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	4
DERMOCHELYS CORIACEA	LEATHERBACK TURTLE	G3	S2	LE	LE	3
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	5
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	5
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	5
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	15
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	8
SETOPHAGA RUTICILLA	AMERICAN REDSTART	G5	S3		N	1
MAMMALS						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	1

ELEMENT OCCURRENCE RECORDS FOR PALM BEACH COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G2G3	S2S3	N	LE	1
ASIMINA TETRAMERA	FOUR-PETAL PAWPAW	G1	S1	LE	LE	4
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	4
CUCURBITA OKEECHOBEENSIS	OKEECHOBEE GOURD	G1	S1	C2	LE	1
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	1
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	2
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	4
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
SURIANA MARITIMA	BAY CEDAR	G5	S4	N	LE	1
TEPHROSIA ANGUSTISSIMA	A DEVIL'S SHOESTRING	G1Q	S1	C1	N	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	4
ONCIDIUM VARIEGATUM	DANCING-LADY ORCHID	G1G3Q	S1	N	LE	1
REMIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	3
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	2
SCHIZAEA GERMANII	TROPICAL CURLY-GRASS	G1G3	S1	C2	LE	1
NATURAL COMMUNITIES						
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			3
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			4
DRY PRAIRIE		G2	S2			1
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			4
ROCKLAND HAMMOCK		G3	S2			1
SCRUB		G3	S2			17

Total items 42
Total records tallied 124

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR PASCO COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
ENNEACANTHUS CHAETODON	BLACKBANDED SUNFISH	G5	S3		N	1
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE	G5T3?	U	C2	LS	1
STILOSOMA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	1
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	3
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3		LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	3
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
INVERTEBRATES						
PROCAMBARUS LEITHEUSERI	LEITHEUSER'S CAVE CRAYFISH	G2	S2		N	3

ELEMENT OCCURRENCE RECORDS FOR PASCO COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G?	S2	N	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
NATURAL COMMUNITIES						
FLOODPLAIN SWAMP	FLOODPLAIN CYPRESS	G4	S4			1
AQUATIC CAVE		G3	S2			3
SCRUB	OAK SCRUB	G3	S2			1
OTHER						
BIRD ROOKERY						4

Total items 22
Total records tallied 38

November 3, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR PINELLAS COUNTY CURRENTLY IN THE INVENTORY DATABASE:

LEFT(NAME,45)	LEFT(COMNAME,45)	GRANK	SRANK	ET->FEDSTATUS	ET->STATEPROT	Count
REPTILES						
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
STILOSOMA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	1
BIRDS						
AJAIA AJAJA	ROSEATE SPOONBILL	G5	S2S3		LS	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	5
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
MAMMALS						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	2
SPECIAL PLANTS						
BOURRERIA RADULA	ROUGH STRONGBARK	G2G3	S1	N	N	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	1
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	4
HELIANTHUS DEBILIS SSP. VESTITUS	HAIRY CUCUMBER LEAF SUNFLOWER	GS	S2			1
SCAEVOLA PLUMIERI	BEACHBERRY	G5	S4	N	LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	3
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	1

ELEMENT OCCURRENCE RECORDS FOR PINELLAS COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

LEFT(NAME,45)	LEFT(COMNAME,45)	GRANK	SRANK	ET->FEDSTATUS	ET->STATEPROT	Count
NATURAL COMMUNITIES						
ESTUARINE GRASS BED		G2	S2			1
ESTUARINE TIDAL SWAMP		G3	S3			1
MARINE AQUATIC BED		G3	S3			1
MARINE TIDAL MARSH		G4	S4			1
MARINE TIDAL SWAMP		G3	S3			1
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK					1
MESIC FLATWOODS	INSULAR SLASH PINE FLATWOODS	G5	S5			1
SCRUB	OAK SCRUB	G3	S2			1

Total items 23
Total records tallied 34

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR ST. JOHNS COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CLEMMYS GUTTATA	SPOTTED TURTLE	G5	S3?		N	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	7
BIRDS						
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	3
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	4
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
SPECIAL PLANTS						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
HELIANTHUS CARNOSUS	LAKE-SIDE SUNFLOWER	G2	S2	C2	N	2
PYCNANTHEMUM FLORIDANUM	FLORDIA MOUNTAIN-MINT	G3	S3	3C	N	1
SPHENOSTIGMA COELESTINUM	BARTRAM'S IXIA	G1G2	S1S2	C2	LT	3
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
BEACH DUNE		G4	S3			2
MARITIME HAMMOCK		G4	S3			2

ELEMENT OCCURRENCE RECORDS FOR ST. JOHNS COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
MESIC FLATWOODS	SLASH PINE/PALMETTO FLATWOODS	G5	S5			1
SANDHILL	LONGLEAF PINE/TURKEY OAK SANDHILL	G4	S3			1
SCRUBBY FLATWOODS		G3	S3			1
OTHER						
BIRD ROOKERY						1

Total items 24
Total records tallied 43

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR ST. LUCIE COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	1
DERMOCHELYS CORIACEA	LEATHERBACK TURTLE	G3	S2	LE	LE	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	4
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	5
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	2
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?		N	1
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	3

ELEMENT OCCURRENCE RECORDS FOR ST. LUCIE COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
CEREUS ERIOPHORUS VAR FRAGRANS	FRAGRANT WOOLY CACTUS	GUT1	S1	LE	LE	5
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	5
DICERANDRA IMMACULATA	LAKELA'S MINT	G1	S1	LE	LE	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	2
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	3
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	2
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	2
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	3
REMIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	1
NATURAL COMMUNITIES						
ESTUARINE TIDAL SWAMP		G3	S3			1
BLACKWATER STREAM		G4	S2			1
BEACH DUNE	TROPICAL BEACH DUNE					3
COASTAL STRAND	TROPICAL COASTAL STRAND					2
MARITIME HAMMOCK		G4	S3			4
SCRUB	SAND PINE SCRUB	G3	S2			4
OTHER						
BIRD ROOKERY						1

Total items 38
Total records tallied 81

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR SANTA ROSA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
NOTROPIS SP 2	BLACKMOUTH SHINER	G1	S1	C2	LE	1
AMPHIBIANS						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	2
AMBYSTOMA TIGRINUM	TIGER SALAMANDER	G5	S3?		N	3
HYLA ANDERSONII	PINE BARRENS TREEFROG	G4	S3	AC	LS	26
RANA AREOLATA	GOPHER FROG	G5	S3	C2	LS	1
RANA OKALOOSAE	FLORIDA BOG FROG	G2	S2		LS	8
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	5
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	8
BIRDS						
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	23
MAMMALS						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1

ELEMENT OCCURRENCE RECORDS FOR SANTA ROSA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
SPECIAL PLANTS						
BAPTISIA HIRSUTA	HAIRY WILD-INDIGO	G2Q	S2	C2	LT	2
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN-ASTER	G2	S2	N	N	1
CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN-ASTER	G3G5T2	S2	C1	LE	1
CONRADINA GLABRA	APALACHICOLA ROSEMARY	G1	S1	C2	LT	2
DROSERA INTERMEDIA	SPOON-LEAVED SUNDEW	G5	S3	N	LT	1
ILLICIUM FLORIDANUM	FLORIDA ANISE	G3G5	S3	N	LT	1
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	1
MYRIOPHYLLUM LAXUM	PIEDMONT WATER-MILFOIL	G2G3	S2S3	C2	N	1
NUPHAR LUTEUM SSP ULVACEUM	WEST FLORIDA COWLILY	G5T2	S5T1T2	C2	N	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	N	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S1	C1	LT	4
RHODODENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	1
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHERPLANT	G3G5	S3	C2	LE	3
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3?	S2	C2	LE	1
STEWARTIA MALACODENDRON	SILKY CAMELLIA	G4G5	S3	N	LE	1
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1	S1	C2	N	2
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	6
RHYNCHOSPORA CRINIPES	HAIRY BEAKED RUSH	G1	S1	N	N	2
NATURAL COMMUNITIES						
ESTUARINE MOLLUSK REEF		G3	S3			2
BOG		G4	S3			1
FLOODPLAIN FOREST		G4	S4			1
FLOODPLAIN SWAMP	SLASH PINE SWAMP	G4	S4			3
SEEPAGE SLOPE	SEEPAGE SHRUB BOG	G4	S3			27
WET PRAIRIE	PITCHER PLANT PRAIRIE	G5	S4			1
SEEPAGE STREAM		G4	S2			4

ELEMENT OCCURRENCE RECORDS FOR SANTA ROSA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
MESIC FLATWOODS	COASTAL LONGLEAF FLATWOODS (?)					1
SANDHILL	RED ROCK SANDHILL	G4	S3			1
SLOPE FOREST		G3	S2			2
UPLAND PINE FOREST	OPEN LONGLEAF PINE FOREST?	G5	S4			1

Total items 39
Total records tallied 154

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR SARASOTA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
RANA AREOLATA	GOPHER FROG	G5	S3	C2	LS	2
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	2
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	13
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3		LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	9
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4		N	1
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PICOIDES VILLOSUS	HAIRY WOODPECKER	G5	S3?		N	2
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	PT	LT	5
SPECIAL PLANTS						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	5
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	2
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	1
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	5

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR SARASOTA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
FLATWOOD/PRAIRIE LAKE		G4	S3			1
MARSH LAKE		G4	S4			1
DEPRESSION MARSH		G5	S5			1
FLOODPLAIN MARSH		G3	S3			1
BLACKWATER STREAM		G4	S2			1
MESIC FLATWOODS	SLASH PINE/PALMETTO FLATWOODS	G5	S5			2
PRAIRIE HAMMOCK	PALM/OAK HAMMOCK	G4	S4			1
SCRUB	OAK SCRUB	G3	S2			9
SCRUBBY FLATWOODS		G3	S3			2

Total items 25
Total records tallied 75

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR TAYLOR COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
BIRDS						
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	4
SPECIAL PLANTS						
ANEMONE BERLANDIERI	TEXAS ANEMONE	GU	S2	N	N	1
MINUARTIA GODFREYI	GODFREY'S SANDWORT	G1Q	S1	C2	N	1
NATURAL COMMUNITIES						
BLACKWATER STREAM		G4	S2			1
OTHER						
BIRD ROOKERY						1

Total items 7
Total records tallied 12

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR VOLUSIA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	3
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	9
BIRDS						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	18
ARAMUS GUARAUNA	LIMPKIN	G5	S3		LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4		N	4
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4		LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4		LS	3
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4		LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4		N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	32
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?		N	3
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	3
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	3
MAMMALS						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1

December 1, 1987 FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR VOLUSIA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
INVERTEBRATES						
APHAOSTRACON ASTHENES	BLUE SPRING APHAOSTRACON	G1	S1	C2	N	1
CINCINNATIA MONROENSIS	ENTERPRISE SPRING SNAIL	G1	S1	C2	N	1
CINCINNATIA PARVA	BLUE SPRING SNAIL	G1	S1	C2	N	1
SPECIAL PLANTS						
AMYRIS BALSAMIFERA	BALSAM TORCHWOOD	G?	S1	N	N	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	1
DEERINGOTHAMNUS RUGELII	RUGEL'S PAWPAW	G1	S1	LE	LE	5
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	N	4
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1?	S1	C1	N	2
ILEX ARENICOLA	SCRUB HOLLY	G3	S3	3C	N	2
PAVONIA SPINIFEX	YELLOW HIBISCUS	G4G5	S2S3	N	N	2
NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2	S2	C2	LE	1
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G1	S1	C2	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
BASIN MARSH	SAWGRASS MARSH	G4	S3			1
BASIN SWAMP		G5	S4			1
FLOODPLAIN MARSH		G3	S3			2
WET FLATWOODS	POND PINE FLATWOODS	G4	S4			2
BLACKWATER STREAM		G4	S2			1
SPRING-RUN STREAM		G2	S2			1
COASTAL STRAND		G3	S3			2
MARITIME HAMMOCK		G4	S3			3
SANDHILL	LONGLEAF PINE/TURKEY OAK WOODS	G4	S3			2

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR VOLUSIA COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES (cont.)						
SCRUB	SAND PINE SCRUB	G3	S2			14
SCRUBBY FLATWOODS		G3	S3			5
SHELL MOUND		G3	S3			3
SLOPE FOREST		G3	S2			1
UPLAND MIXED FOREST	MESIC HAMMOCK	G4	S4			2

Total items 47
Total records tallied 157

December 1, 1987

FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR WAKULLA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
AMPHIBIANS						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	2
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3		N	4
REPTILES						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	2
CLEMMYS GUTTATA	SPOTTED TURTLE	G5	S3?		N	4
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?		N	2
PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE	G5T3?	U	C2	LS	1
PSEUDEMYS CONCINNA SUWANNIENSIS	SUWANEE COOTER	G5T3	S3	3C	LS	2
BIRDS						
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	3
PANDION HALIAETUS	OSPREY	G5	S3S4		LS*	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	18
MAMMALS						
NEOFIBER ALLENI	ROUND-TAILED MUSKRAT	G3?	S3?	C2	N	1
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	2

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR WAKULLA COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
INVEREBRATES						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
CRANGONYX SP 1	A CAVE AMPHIPOD	U	U		N	1
PROCAMBARUS ORCINUS	WOODVILLE CAVE CRAYFISH	G2	S2		N	5
SPECIAL PLANTS						
AGRIMONIA INCISA	INCISED GROOVE-BUR	G3	S2	C2	N	2
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	1
BAPTISIA SIMPLICIFOLIA	SCARE-WEED	G2G3	S2S3	C2	LT	3
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	1
LIATRIS PROVINCIALIS	GODFREY'S BLAZING STAR	G2	S2	C2	LE	1
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	2
PITYOPSIS FLEXUOSA	BENT GOLDEN-ASTER	G3	S3	C2	LE	1
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	1
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			1
DEPRESSION MARSH		G5	S5			1
SPRING-RUN STREAM		G2	S2			1
AQUATIC CAVE		G3	S2			13
MESIC FLATWOODS		G5	S5			1
SANDHILL	SCRUBBY LONGLEAF PINE FOREST	G4	S3			3
SCRUB	OAK SCRUB	G3	S2			1

Total items 33
Total records tallied 92

ELEMENT OCCURRENCE RECORDS FOR WALTON COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
INVERTEBRATES						
ELIMIA CLENCHI	CLENCH'S ELIMIA	G2	S2		N	1
VILLOSA CHOCTAWENSIS	ATHEARNS VILLOSA	G2	S2	C2	N	1
SPECIAL PLANTS						
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN-ASTER	G2	S2	N	N	1
CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN-ASTER	G3G5T2	S2	C1	LE	4
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	3
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
HEXASTYLIS ARIFOLIA	HEARTLEAF	G5	S3	N	LT	2
ILLICIUM FLORIDANUM	FLORIDA ANISE	G3G5	S3	N	LT	1
KALMIA LATIFOLIA	MOUNTAIN LAUREL	G5	S3	N	LT	1
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	7
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	11
MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA	G3	S2	N	LE	3
PARONYCHIA ERECTA	BEACH SAND-SQUARES	G3G4	S3	N	N	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	N	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S1	C1	LT	5
RHEXIA SALICIFOLIA	PANHANDLE MEADOWBEAUTY	G2	S2	C2	N	1
RHODODENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	2
ACENIA LEUCOPHYLLA	WHITE-TOP PITCHERPLANT	G3G5	S3	C2	LE	2
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3?	S2	C2	LE	1
TEPHROSIA MOHRII	PINELAND HOARY-PEA	G1G3	S1	C2	N	6
THALICTRUM COOLEYI	COOLEY'S MEADOWRUE	G1	S1	C1	N	1
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	G2	S2	C2	LT	2
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1	S1	C2	N	1
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	1
XYRIS LONGISEPALA	KARST POND XYRIS	G2	S2	3C	LE	1
BAPTISIA HIRSUTA	HAIRY WILD-INDIGO	G2Q	S2	C2	LT	1

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FLORIDA NATURAL AREAS INVENTORY

ELEMENT OCCURRENCE RECORDS FOR WALTON COUNTY CURRENTLY IN THE INVENTORY DATABASE:

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
FISHES						
ETHEOSTOMA OKALOOSAE	OKALOOSA DARTER	G2	S2	LE	LE	1
NOTROPIS SP 2	BLACKMOUTH SHINER	G1	S1	C2	LE	1
AMPHIBIANS						
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3		N	1
HEMIDACTYLIUM SCUTATUM	FOUR-TOED SALAMANDER	G5	S2		N	1
HYLA ANDERSONII	PINE BARRENS TREEFROG	G4	S3	AC	LS	60
RANA OKALOOSAE	FLORIDA BOG FROG	G2	S2		LS	2
REPTILES						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	7
EUMECES ANTHRACINUS	COAL SKINK	G5	S3		N	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	11
BIRDS						
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	10
STERNA ANTILLARUM	LEAST TERN	G4	S3		LT	1
MAMMALS						
PEROMYSCUS POLIONOTUS ALLOPHRYS	CHOCTAWHATCHEE BEACH MOUSE	G5T1	S1	LE	LE	1

ELEMENT OCCURRENCE RECORDS FOR WALTON COUNTY CURRENTLY IN THE INVENTORY DATABASE (continued):

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
NATURAL COMMUNITIES						
ESTUARINE TIDAL MARSH		G4	S4			2
COASTAL DUNE LAKE		G2	S1			5
BASIN SWAMP		G5	S4			1
SEEPAGE SLOPE	SEEPAGE SHRUB BOG	G4	S3			60
WET PRAIRIE	PITCHER PLANT PRAIRIE	G5	S4			2
SEEPAGE STREAM		G4	S2			3
BEACH DUNE		G4	S3			2
COASTAL STRAND		G3	S3			2
MESIC FLATWOODS	COASTAL LONGLEAF FLATWOODS	G5	S5			3
SCRUB		G3	S2			3
SLOPE FOREST		G3	S2			1
UPLAND PINE FOREST		G5	S4			2

Total items 50
Total records tallied 246

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