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Project 2.7
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Florida Natural Areas Inventory

Final Contract Report for DNR Contract No. C5101

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
254 East Sixth Avenue
Tallahassee, Florida 32303

James William Muller, Coordinator

September 1988

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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Overview

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 and participating in 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) 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 47 other states over the past 15 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 seven 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. A standardized ranking procedure for determining degree of endangerment of species and natural communities allows efforts to be focused on those elements of biological diversity with the greatest need. Appendix A provides lists of FNAI Special Elements of biological diversity 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 CARL-supported FNAI staff was not sufficient to acquire, process, and update the information needed for the rapidly developing coastal area. This Coastal Zone Management contract addressed this need by supporting additional staff (1 botanist/ecologist, 1 zoologist, one full-time and a half-time data handler, Appendix C), continuing the support provided by a previous CZM contract. 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. As a result of work under both this contract and the 1987 contract, the total number of element occurrences in the FNAI database increased by 14 per cent. In addition, 5 percent of existing records were updated.

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

	<u>Special Plants</u>	<u>Special Animals</u>	<u>Natural Communities</u>	<u>Totals</u>
<u>Number of Occurrences:</u>				
transcribed	311	179	133	623
mapped	317	110	138	565
quality-controlled	377	309	67	753
modified	157	114	66	337

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 records currently in the FNAI data base for each coastal county (Appendix E). More extensive information is available from the Florida Natural Areas Inventory's manual and computerized files.

Under this contract, the boundaries of all Aquatic Preserves for which such information was available were mapped onto FNAI's base maps. In addition to providing an index to all FNAI records for these areas, having the Aquatic Preserve boundaries on FNAI's base map will ensure that the effects of proposed actions on the Aquatic Preserves will be considered when responding to data requests. The remainder of the preserves will be mapped as information becomes available from the Bureau of Aquatic Preserves, Florida Department of Natural Resources. Computerized Managed Area Records were completed for each preserve and manual files were set up. Element occurrences mapped that were particularly pertinent to Aquatic Preserves include those for the West Indian manatee (*Trichechus manatus*) and Johnson's seagrass (*Halophila johnsonii*).

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

During this contract, gathering and processing data on coastal plant species continued (Table 2), but equal emphasis was placed on the description and mapping of natural communities along the coast.

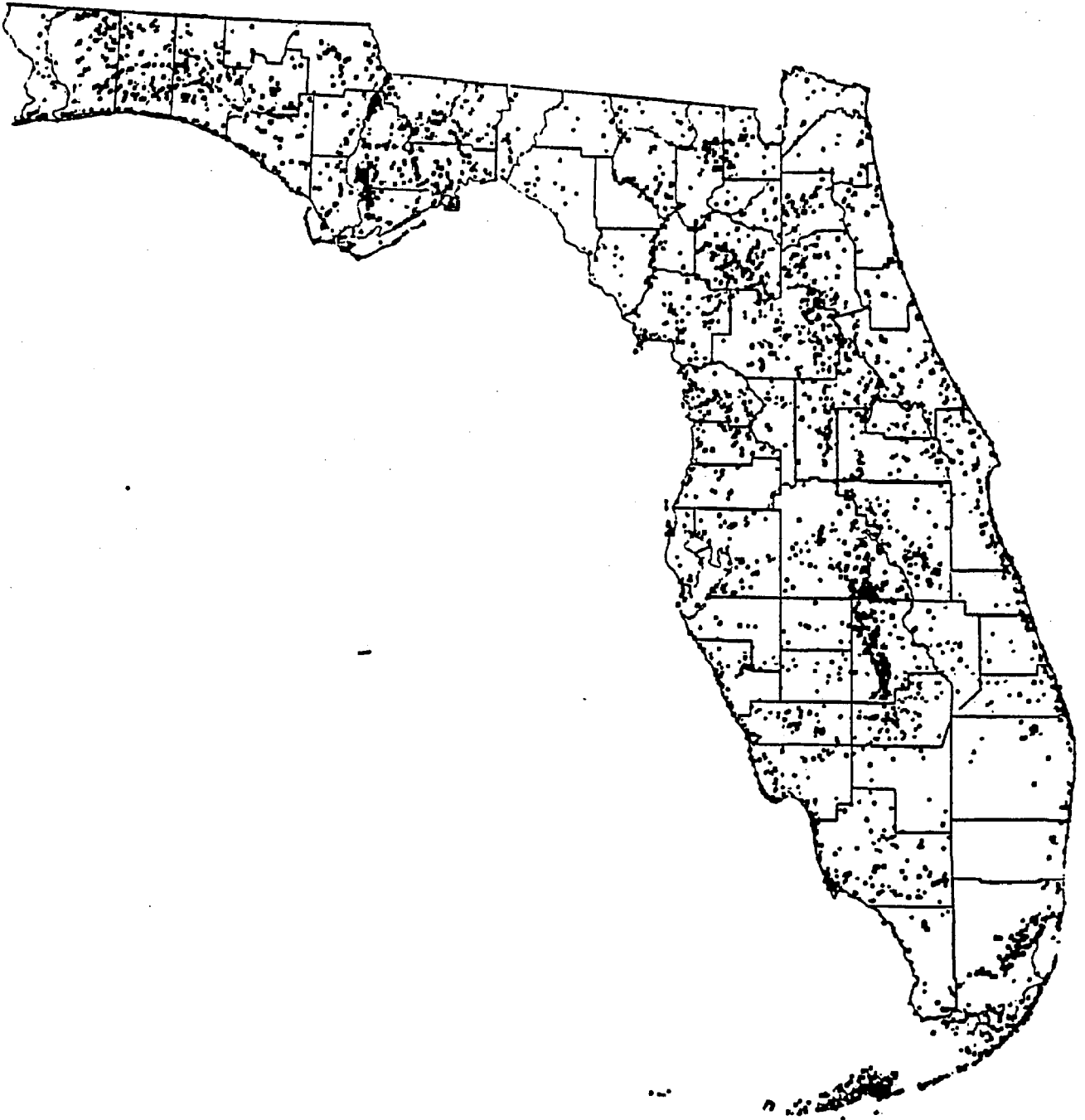


Figure 1. State-wide distribution of computerized occurrence records in the Florida Natural Areas Inventory data base (September 1988).

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

Florida Natural Areas Inventory

Final Report for Department of Natural Resources Contract No. C5101

EXECUTIVE SUMMARY

The Florida Natural Areas Inventory (FNAI) 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 47 other states over the past 15 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 seven 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 FNAI provides a continuous process for identifying important natural areas and making data available to decision makers involved in resource management. A standardized ranking procedure for determining degree of endangerment of species and natural communities allows efforts to be focused on those elements of biological diversity with the greatest need. 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. 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 CARL-supported FNAI staff was not sufficient to acquire, process, and update the information needed for the rapidly developing coastal area. This Coastal Zone Management contract addressed this need by supporting additional staff, continuing the support provided by a previous CZM contract. 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. Under the present contract, coastal staff processed 623 element occurrences of rare species and natural communities including 311 special plants, 179 special animals, and 133 natural communities. The total number of element occurrences in the FNAI database has increased 14 percent due to the efforts of CZM-supported staff in 1987 and 1988.

While processing data on plant species continued, as under the 1987 contract, additional emphasis was placed during the current contract on mapping natural

communities along the coast. One new community (Coastal Grassland) was described and 137 occurrences of coastal communities were processed from staff field notes and surveys. Two highly endangered coastal species received intensive survey efforts, Curtiss' sandgrass (*Calamovilfa curtissii*) and four-petal pawpaw (*Asimina tetramera*). These surveys resulted in a range extension for the former and a significant increase in known sites and total abundance for the latter.

In addition to the numerous vertebrate occurrence records processed during this contract, large data sets for the following coastal elements were assembled for future processing: loggerhead turtle (*Caretta caretta*), piping plover (*Charadrius melodus*), least tern (*Sterna antillarum*), Key Largo woodrat (*Neotoma floridana smalli*), and beach mice (*Peromyscus* ssp). Data for the wide ranging occurrences of West Indian manatee (*Trichechus manatus*) have been transcribed and mapped, and the wintering areas data are being processed.

Under the current contract, the boundaries of all Aquatic Preserves for which such information was available were mapped onto FNAI's base maps, ensuring that the effects on Aquatic Preserves of nearby proposed action will be considered when responding to data requests. The remainder of the preserves will be mapped as information becomes available from the Bureau of Aquatic Preserves, Florida Department of Natural Resources. Computerized Managed Area Records were completed for each preserve and manual files were set up.

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.

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While processing data on plant species continued, as under the 1987 contract, additional emphasis was placed during the current contract on mapping natural

communities along the coast. One new community (Coastal Grassland) was described and 137 occurrences of coastal communities were processed from staff field notes and surveys. Two highly endangered coastal species received intensive survey efforts, Curtiss' sandgrass (*Calamovilfa curtissii*) and four-petal pawpaw (*Asimina tetramera*). These surveys resulted in a range extension for the former and a significant increase in known sites and total abundance for the latter.

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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.

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TABLE 2: SPECIAL PLANTS ADDRESSED BY COASTAL ZONE MANAGEMENT SUPPORTED STAFF

GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME		
G5	S3	N	LE	ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G3G4	S3	N	N	HELIANTHEMUM ARENICOLA	GULF ROCKROSE
G3	S3	3C	N	ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEM	G5?T2	S2	C1	N	HELIANTHUS DEBILIS SSP	HAIKY BEACH SUNFLOWER
G3	S3	N	LE	ASCLEPIAS CURTISSII	CURTISS' MILKWEED					VESTITUS	
G1	S1	LE	LE	ASIMINA TETRAMERA	FOUR-PETAL PAMPAS	G1	S1	N	N	+HYMENOCALLIS HENRYAE	PANHANDLE SPIDERLILY
GU	SU	C2	N	++CANNA PERTUSA	TATTERED CANNA	G2G4	S2S3	3C	N	HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY
G1G2	S1S2	C2	RE	CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G5T3	S3	3C	N	ILEX OPACA VAR ARENICOLA	SCRUB HOLLY
G2?	S2	C2	RE	CAREX BALTZELLI	BALTZELL'S SEDGE	G4	S3	N	LT	JACQUINIA KEYENSIS	JOEWOOD
G2G3T1	S1	LE	LE	CEREUS ERIOPHORUS VAR FRAGRANS	FRAGRANT PRICKLY-APPLE	G3	S3	C2	RE	LECHEA CERNUA	ACODDING PINWEED
G2G3	S2S3	C2	LE	CEREUS GRACILIS	PRICKLY-APPLE	G3G4	S3	3C	LT	LEITNERIA FLORIDANA	CORKWOOD
G2	S2	C2	N	CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	LE	LIATRIS PROVINCIALIS	GODFREY'S BLAZING STAR
G2?T2	S2	LE	LE	CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE	G4G5	S2	3C	LT	LITSEA AESTIVALIS	PONDSPICE
G2?T1	S1	C1	RE	CHAMAESYCE DELTOIDEA SSP SERPYLLUM	WEDGE SPURGE	G2	S2	3C	LT	LUPINUS WESTIANUS	GULF COAST LUPINE
G1	S1	LT	LE	CHAMAESYCE GARBERI	GARBER'S SPURGE	G1G3Q	S1	N	LE	ONCIDIUM BAHAMENSE	DANCING-LADY ORCHID
G?	S3	N	(LT)*	CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G5T3	S3	C2	LE	OXYPOLIS FILIFORMIS SSP GREENWANI	GIANT WATER-DROPPORT
G1	S1	LE	LE	CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER	G3G5T2	S2	3C	LT	PHYLLANTHUS LEITMANNIANUS SSP	PINE-WOOD DAINTIES
G2	S2	N	N	CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER	G3?	S2	C2	RE	PLATYLEPIS	CHAPMAN'S BUTTERWORT
G3G5T2	S2	C1	LE	CHRYSOPSIS GOSSYPINA SSP CRUISEAMA	CRUISE'S GOLDEN ASTER	G2	S2	C1	LT	POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED
G3G4	S3	N	LC	COCCOTHRIMAX ARGENTATA	SILVER PALM	G3	S1S2	3C	N	QUERCUS ARKANSANA	ARKANSAS OAK
G3	S3	C2	N	COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS	G3	S1	N	LE	REMIREA MARITIMA	BEACH-STAR
G3	S3	C2	RE	CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	N	RHYNCHOSTIA CINEREA	BROWN-HAIRED SNOOTBEAN
G5	S2	N	N	CYNOGLOSSUM VIRGINIANUM	WILD COMFREY	G1	S1	N	N	RHYNCHOSPORA CRINIPES	HAIKY-PEDUNCLED
G?	S1	N	LE	CYRTOPODIUM PUNCTATUM	COM-HORNED ORCHID					BEAK-RUSH	
G?	S1	N	LE	DENNSTAETIDIA BIPINNATA	HAY SCENTED FERN	G1	S1?	3C	N	RHYNCHOSPORA CULIXA	GEORGIA BEAK-RUSH
G1	S1	N	N	+DICERANDRA CHRISTMANII	GARRETT'S SCRUB BALM	G1?	SU	C2	N	RHYNCHOSPORA PUNCTATA	PINELAND BEAK-RUSH
G1	S1	LE	LE	DICERANDRA CORNUSSISIMA	LONGSPURRED MINT	G3	S1	C2	LE	RUDBECKIA NITIDA	ST. JOHN'S-SUSAN
G4	S3?	N	N	DIRCA PALUSTRIS	EASTERN LEATHERWOOD	G3G5	S3	C2	LE	SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT
G2	S2	C2	LT	ERAGrostis TRACYI	SANTIBEL LOVEGRASS	G3	S2	C2	LE	SARRACENIA RUBRA	SHEET PITCHER-PLANT
G4T3	S3	C2	LT	ERIOGONUM LONGIFOLIUM VAR GNAPHALIFOLIUM	SCRUB BUCKWHEAT	G4	S3	C2	N	SOPHORA TOMENTOSA	NECKLACE POO
G4	S3	N	LT	ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	TILLANDSIA FLEXUOSA	BANDED WILD-PINE
G1	S1	C2	RE	EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE	G3	S1	N	LE	TILLANDSIA PRUINOSA	FUZZY-WUZZY AIR-PLANT
G2	S2	C2	RE	GLANDULARIA MARITIMA	COASTAL VERVAIN	G4	S3	N	LE	TOURNEFORTIA GNAPHALODES	SEA LAVENDER
G1	S1	C1	RE	GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C2	RE	ZIZIPHUS CELATA	
G4G5	S3?	N	LE	GOSSYPILUM HIRSUTUM	WILD COTTON						
G4G5	S2	N	LE	GUAIACUM SANCTUM	LIGNUM-VITAE						
G1G2	S1S2	N	N	+HALOPHILA JOHNSONII	JOHNSON'S SEAGRASS						

++ = Element deleted in 1988
 * = Also ranked RE
 + = Element added in 1988
 ^ = See Appendix A for rank and status explanations

Ranking was completed for four plant species which were added to the FNAI special plant list: Garrett's scrub balm (*Dicerandra christmanii* - G1/S1, critically imperiled in-state and globally; see Appendix A for further explanation of ranks), Florida yellowtop (*Flaveria floridana* - G3/S3), Johnson's seagrass (*Halophila johnsonii* - G1G2/S1S2), and Panhandle spider-lily (*Hymenocallis henryae* - G1/S1). The rank of beach sand-squares (*Paronychia erecta*) was changed from G3/S3 to G4/S4, based on further fieldwork. In addition, three species were identified as possibly requiring ranking and initial information was acquired on these: Florida lantana (*Lantana depressa* including varieties *floridana* and *sanibelensis*), poor man's patches (*Mentzelia floridana*), and dalea (*Dalea carthaginensis* var. *floridana*). These species will be ranked by FNAI as more information becomes available.

In regard to communities, 137 occurrences of 7 coastal communities (beach/dune, grassland, strand, scrub, hammock, marsh, and swamp) were mapped from personal field notes, surveys, and other sources (Table 3). One new community, coastal grassland, was described and ranked (G2/S2). The description of this type incorporated the FNAI community formerly called "overwash plain" but was broader in scope, including grasslands on stable beaches and in low-lying swales among the dunes, which are not necessarily connected with the process of overwash (Appendix C).

After it was discovered that lists of rare species present in state parks had, in some cases, been just potentially present, element occurrences in the FNAI database mapped in all coastal parks were reviewed as to source and the necessary modifications (involving some 60 element occurrences) made. The Division of Recreation and Parks of the Department of Natural Resources was informed of these changes.

Field surveys of all coastal communities were made on the western end of Shell Island, Tyndall Air Force Base, Bay County, and at Grayton Beach State Recreation Area, Walton County. A survey of flatwoods areas for *Calamovilfa curtissii* was made between Moultrie, St. John's County and Oak Hill, Volusia County, as well as on Merritt Island, Brevard County. In response to the ongoing development of known sites of the highly endangered four-petal pawpaw (*Asimina tetramera*), a survey team of four botanists (including the CZM botanist and 2 botanists contracted with CZM funds) was organized to search for the plants in scrubs of Martin and Palm Beach counties during its flowering period (May-August). All plants found were given numbered tags. A total of 770 plants were tagged, a 400% increase over the approximately 150 known plants known at the outset of the survey. Forty per cent of this total occurred on publicly owned land. The data from the survey was processed into the FNAI database and summaries were provided to the officials of the two counties involved, to the Jacksonville office of the U.S. Fish and Wildlife Service, and to the Florida Chapter of The Nature Conservancy.

In addition to being included in FNAI's responses to data requests for coastal information, the results of CZM coastal work were publicized in several other ways (Appendix F): via two papers given at scientific meetings (The Florida Native Plant Society meeting in Gainesville in May 1988 and the American Institute of Biological Sciences meeting in Davis, California in August 1988), via a short paper on the re-discovery of *Calamovilfa curtissii* on the Florida panhandle (accepted by the taxonomic journal, SIDA), and via interviews to reporters on the progress of the survey for the four-petal pawpaw in Martin and Palm Beach counties.

TABLE 3. NATURAL COMMUNITY DATA PROCESSED UNDER THIS CONTRACT.

Natural Community	New Rank	Old Rank	EDs Mapped or Modified	Source	Exemplary Areas Surveyed
1) Beach Dune	G2/S2	G3/S3	27	field notes 1985-6	Wabasso Beach (INDI), Deer Lake (WALT), Alligator Point (FRAN)
2) Coastal Grassland	G2/S2	G3/S3	15	field notes 1985-6	Shell Island & Crooked Island (BAY), Cape St. George (FRAN), Sea Oat Island (COLL)
3) Coastal Strand	G2/S2	G3/S3	20 (10)	The Conservancy, Inc. Collier County	
a) tropical			(9)	field notes 1985-6	Perrido Key (ESCA)
b) temperate- panhandle			(1)	field notes 1985-6	Guana River State Park (STUO)
c) temperate- peninsula					
4) Maritime Hammock	G2/S2	G3/S3	37 (11) (26)	field notes 1985-6 The Conservancy, Inc. Collier County	Ft. Clinch State Park (NASS) Cannon Island (COLL)
a) temperate					
b) tropical					
5) Scrub	G2/S2	G2/S2	30 (7) (7) (16)	field notes 1985-6 field notes 1985-6 4-petal pawpaw survey site reports	Henderson Beach SPA (OKAL) St. Michael's Landing (BAY) Hobe Sound NWR (MART)
a) oak scrub					
b) rosemary scrub					
c) sand pine scrub					
6) Tidal Marsh			5	Hine & Belknap, 1986 ¹	
7) Tidal Swamp			3	Hine & Belknap, 1986	
			Total		
			137		

¹ Hine, A.C. and D.F. Belknap. 1986. Recent geol. history and modern sedimentary processes of the Pasco Coastline: West-Central Florida. Rept. No. 79, Florida Sea Grant College, Gainesville.

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, limited field surveys were conducted this past year by the coastal zoologist on Gulf Coast peninsulas and islands for winter occurrences of snowy plovers (*Charadrius alexandrinus*) and piping plovers (*C. melodus*). Table 4 lists 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 made this year include:

Federal - U.S. Fish and Wildlife Service (Office of Endangered Species and National Wildlife Refuges)
National Zoological Park
Eglin Air Force Base

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 University

Private Organizations -
Coastal Plains Institute
Florida Audubon Society
Florida Nature Conservancy
Florida Power Corporation
National Audubon Society (Rookery Bay Sanctuary)

Element files are continuously updated with many items, including information from the Endangered Species Technical Bulletin and Florida Game and Fresh Water Fish Commission's endangered and threatened species list. Element ranking forms are also revised as needed. This year ranking forms for all 92 special animals identified in the CZM proposal were reviewed, four of which were modified and six of which are under consideration for modification.

In addition to the numerous occurrence records processed during this contract, large data sets for the following coastal elements were assembled for future processing: loggerhead turtle (*Caretta caretta*), piping plover (*Charadrius*

TABLE 4: SPECIAL VERTEBRATES ADDRESSED BY COASTAL ZONE MANAGEMENT SUPPORTED STAFF

GLOBAL STATE RANK	FED STATE RANK	STATE	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	STATE	NAME	COMMON NAME	
** FISHES										
G3	S2	C2	LS	ACIPENSER OXYRHYNCHUS	G3?	S3?	C2	LS	MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE
G3	S3	N	N	ICTALURUS SERRANCANTHUS	G5T2?	S2?	N	N	MALACLEMYS TERRAPIN RHIZOPHORARUM	MANGROVE TERRAPIN
G2	S1	N	LS	MICROPTERUS SP 1	G2	S2	LT	LT	NEOSEPS REYNOLDSI	SAND SKINK
G1	S1	C2	LE	NOTIOPIS SP 2	G5T3	S3?	N	N	NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE
G5	S3	N	N	UMBRA PYGMAEA	G5T3?	S?	C2	LS	PITUOPHIS MELANOLEUCAS MUGITUS	FLORIDA PINE SNAKE
** AMPHIBIANS										
G4	S3?	C2	N	+AMBYSTOMA CINGULATUM	G3	S3	C2	N	SCELOPORUS WOODI	FLORIDA SCRUB LIZARD
G3	S3	N	N	AMPHIUMA PHOLETER	G3	S3	C2	LT	STILOSONA EXTENUATUM	SHORT-TAILED SNAKE
G2	S2	C2	LS	HAIDEOTRITON WALLACEI	G5T1Q	S1	N	LT	STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE
G4	S3	AC	LS	HYLA ANDERSONI	G1G2Q	S1S2	C2	LT	TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE
G2	S2	N	LS	RANA OKALOOSAE	G5T1Q	S1	N	LT	THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE
** BIRDS										
** REPTILES										
G5	S2	N	N	AGKISTRODON CONTORTRIX	G4T2	S2	C2	LS	AMMODRAMUS MARITIMUS	WAKULLA SEASIDE SPARROW
G5	S4	L7SA	LS	ALLIGATOR MISSISSIPPIENSIS	G4T2Q	S2?	C2	N	AMMODRAMUS MARITIMUS JUNCICOLUS	SNYRNA SEASIDE SPARROW
G3	S2	LT	LT	CARETTA CARETTA	G5T3	S3	LT	LT	APHELOCOMA COERULESCENS	FLORIDA SCRUB JAY
G3	S2	LE	LE	CHELONIA MYDAS	G5T3	S3	N	LS	ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL
G5	S3?	N	N	CLEMmys GUTTATA	G5	S4	N	N	CASMERODIUS ALBUS	GREAT EGRET
G2?	S1	LE	LE	CROCODYLUS ACUTUS	G4?	S2	C2	LT	CHARADRIUS ALEXANDRINUS	SNOWY PLOVER
G5	S3	N	N	CROTALUS HORRIDUS	G2	S2	LT	LT	CHARADRIUS MELODUS	PIPING PLOVER
G3	S2	LE	LE	DERMOCHELYS CORIACEA	G3	S2	C2	LT	COLUMBA LEUCOCEPHALA	WHITE-CROWNED PIGEON
G5T1	S1	C2	LT	DIADOPHIS PUNCTATUS ACRIGUS	G5	S4	N	LS	EGRETTA CAERULEA	LITTLE BLUE HERON
G4T3	S3	LT	LT	DRYARCHON CORAITS COUPERI	G4	S2	C2	LS	EGRETTA RUFESCENS	REDDISH EGRET
G5T2Q	S2	N	LS	ELAPHE GUTTATA POP 1	G5	S4	N	LS	EGRETTA THULA	SNOWY EGRET
G4?T2	S2	C2	LS	EUMECES EGREGIUS EGREGIUS	G5	S4	N	LS	EGRETTA TRICOLOR	TRICOLORED HERON
G4?T2	S2	LT	LT	EUMECES EGREGIUS LIVIDUS	G5	S4	N	N	EUDOCIMUS ALBUS	WHITE IBIS
G2	S2	C2	LS	GOPHERUS POLYPHEMUS	G4	SU	N	N	FALCO COLUMBARIUS	MERLIN
G5T2Q	S2	C2	LE	KINGSTERNON BAURII POP 1	G3	S2	LT	LE	FALCO PEREGRINUS	PEREGRINE FALCON
G5T2	S2	N	N	LAMPROPELTIS GETULUS GOINI						
				APALACHICOLA KINGSSNAKE						

TABLE 4: SPECIAL VERTEBRATES ADDRESSED BY COASTAL ZONE MANAGEMENT SUPPORTED STAFF (continued)

GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME		
** BIRDS (cont.)											
G5T3T4	S3?	C2	LT	FALCO SPARVERTIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T1	S1	3A	LE	PEROMYSCUS POLIOMOTUS DECOLORATUS	PALLID BEACH MOUSE
G5T2T3	S2S3	N	LT	GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T1	S1	C2	N	+PEROMYSCUS POLIOMOTUS NIVIEVENTRIS	SOUTHEASTERN BEACH MOUSE
G5	S3	N	LS	HAEMATOPUS PALLIATUS	AMERICAN OYSTERCATCHER	G5T1	S1	LE	LE	PEROMYSCUS POLIOMOTUS TRISSYLLEPSIS	PERDIDO KEY BEACH MOUSE
G3	S2S3	LE	LT	HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S3	C2	LS	PODOMYS FLORIDANUS	FLORIDA MOUSE
G5	S1	N	N	HELMITHEROS VERMIVORUS	WORM-EATING WARBLER	G5T2	S2	C2	LS	SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL
G5	S2	LE	LE	HYCTERIA AMERICANA	WOOD STORK	G5T2	S2	C2	N	+SYLVILAGUS PALUSTRIS HEFNERI	LOWER KEYS RABBIT
G5	S3S4	N	LS*	PANDION HALIAETUS	OSPREY	G2?	S2?	LE	LE	TRICHECHUS MANATUS	WEST INDIAN MANATEE
G5	S3	AC	LS	PELECANUS OCCIDENTALIS	BROWN PELICAN	G5T3	S3	C2	LT*	URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR
G2	S2	LE	LT	PICOIDES BOREALIS	RED-COCKADED WOODPECKER	* = Not applicable in Baker and Columbia counties and Apalachicola National Forest					
G5	S2	LT	LT	POLYBORUS PLANCUS	CRESTED CARACARA	+ = Element added in 1987					
G5T3	S3	C2	N	RALLUS LONGIROSTRIS INSULARUM	MANGROVE CLAPPER RAIL	^ = See Appendix A for rank and status explanations					
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	S2?	N	N	STERNA CASPIA	CASPIAN TERN						
G3	S1	LT	LT	STERNA DOUGALLI	ROSEATE TERN						
G5	S3	N	N	STERNA MAXIMA	ROYAL TERN						
G5	S3	N	N	VIREO ALTILOQUIUS	BLACK-WHISKERED VIREO						
* = Applicable in Monroe County only											
** MAMMALS											
G4T1	S1	LE	LE	FELIS CONCOLOR CORVI	FLORIDA PANTHER						
G2	S1	LE	LE	MYOTIS GRISESCENS	GRAY BAT						
G5T1	S1	LE	LE	NEOTOMA FLORIDANA SMALLI	KEY LARGO WOODRAT						
G5T1	S1	LE	LE	ODOCOILEUS VIRGINIANUS CLAVIUM	KEY DEER						
G5T1	S1	LE	LE	PEROMYSCUS GOSSYPINIUS ALLAPATICOLA	KEY LARGO COTTON MOUSE						
G5T1	S1	LE	LE	PEROMYSCUS POLIOMOTUS ALLOPHRYS	CHOCTAWHATCHEE BEACH MOUSE						

melodus), least tern (*Sterna antillarum*), Key Largo woodrat (*Neotoma floridana smalli*), and beach mice (*Peromyscus* spp). Data for the wide ranging occurrences of West Indian manatee (*Trichechus manatus*) have been transcribed and mapped, and the wintering areas data are being processed.

Information concerning coastal vertebrates was requested by the United States Army Corps of Engineers (Dunedin Pass and Wiggins Pass dredging projects) and the Florida Department of Natural Resources (Lake Jackson). Responses to other requests processed by FNAI included coastal zoology data.

List of Appendices

- A. FNAI element lists with element rank explanations.
- B. Explanation and examples of Element Occurrence Records.
- C. Community Characterization Abstract for Coastal Grassland.
- D. Coastal Zone Management-supported FNAI staff.
- E. Summary of FNAI computerized occurrence records of species and natural communities for coastal counties of Florida.
- F. Publication resulting from CZM work in 1988.

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 an 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

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 an 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 from 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.

RE - Recommended by the Endangered Plant Advisory Council for inclusion as endangered.

RT - Recommended by the Endangered Plant Advisory Council for inclusion as threatened.

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

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL RANK	STATE RANK	FED STATE	NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FED STATE	NAME	COMMON NAME		
		STAT	STAT				STAT	STAT			
G5	S3	N	LE	ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G29	S2	C2	LT	BAPTISIA HIRSUITA	HAIRY WILD INDIGO
G5	S1	N	LT	ACTAEA PACHYPODA	WHITE BANEERRY	G3	S2	3C	LT	BAPTISIA MEGACARPA	APALACHICOLA WILD INDIGO
G7	S1	C2	LE	ACTINOSTACHYS PENNULA	RAY FERN	G2G3	S2S3	C2	LT	BAPTISIA SIMPLICIFOLIA	SCARE-WEED
G5	S3S4	N	(LT)	ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR FERN	G5	S1	N	LE	BLECHNUM OCCIDENTALE	SINKHOLE FERN
G7	S1	N	LE	ADIANTUM MELANOLEUCUM	FRAGRANT MAIDENHAIR FERN	G3	S3	LT	LE	BONAMIA GRANDIFLORA	FLORIDA BONAMIA
G7	S3	N	(LT)	ADIANTUM TENERUM	BRITTLE MAIDENHAIR FERN	G4G5	S1	N	(LT)	GOTRYCHUM LUNARIOIDES	WINTER GRAPE-FERN
G7	S3	N	(LT)	ADIANTUM TETRAPHYLLUM	FOUR-LEAVED MAIDENHAIR FERN	G7	S1	N	RE	BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK
G3	S2	C2	N	AGRIMONIA INCISA	INCISED GROOVE-BUR	G2G3	S1	N	N	BOURRERIA RADULA	ROUGH STRONGBARK
G1	S1	LE	LE	AMORPHA CRENULATA	CRENULATE LEAD-PLANT	GU	SH	C2	(LT)	BRASSIA CAUDATA	SPIDER ORCHID
G3G4	S2	N	N	AMYRIS BALSAMIFERA	BALSAM TORCHWOOD	G2G3	S2	C2	LT	BRICKELLIA CORDIFOLIA	FLYR'S BRICKELL-BUSH
G3	S3	3C	N	ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEH	G1G2	S1S2	C2	RE	BRICKELLIA MOSTIERI	FLORIDA THOROUGHWORT
G7	S2S3	N	N	ANEMIA WRIGHTII	WRIGHT'S ANEMIA	G3?	S1	N	LE	BULBOPHYLLUM PACHYRRACHIS	BRICKELL-BUSH
G3G50	S2	N	N	ANEMONE BERLANDIERI	TEXAS ANEMONE	G5	S2	N	LT	BUMELIA LYCIOIDES	RAT-TAIL ORCHID
G5	S1	N	LT	ANEMONELLA THALICTROIDES	RUE-ANEMONE	G7	S1	N	LE	BURMANIA FLAVA	BUCKTHORN
G5T1	S1	C2	LE	AQUILEGIA CANADENSIS VAR AUSTRALIS	MARIANNA COLUMBINE	G2	S2	C2	LT	CACALIA DIVERSIFOLIA	FAKAHATCHEE BURMANIA
G2	S2	C2	RE	ARGYTHAMNIA BLOOGETTII	BLOOGETT'S WILD-MERCURY	G3	S3	C1	LT	CALAMINTHA ASHEI	VARIABLE-LEAVED INDIAN-PLANTAIN
G7Q	SE?	C1	LE	ARISTIDA FLORIDANA	KEYS WIRE-GRASS	G3	S3	C2	N	CALAMINTHA DENTATA	ASHE'S SAVORY
G2	S1	C2	N	ARISTIDA SIMPLICIFLORA	SOUTHERN THREE-ARMED GRASS	G1G2	S1S2	C2	RE	CALAMOVILFA CURTISSII	TOOTHED SAVORY
G3	S3	N	LE	ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G3G5	S2	N	LT	CALLIRHOE PAPAVER	CURTISS' SANDGRASS
G2	S2	C2	LT	ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G1	S1	PE	LE	CAMPANULA ROBINSIAE	WOODS POPPY-MALLOW
G1	S1	LE	LE	ASIMINA TETRAMERA	FOUR-PETAL PAPPAN	G7	S1	N	LE	CAMPYLOCENTRUM PACHYRRHIZUM	BROOKSVILLE BELLFLOWER
G?	S2	N	LE	ASPLENIUM AURITUM	AURICLED SPLEENWORT	G7	S1	N	LE	CAMPYLOCENTRUM ANGUSTIFOLIUM	LEAFLESS ORCHID
G?	S1S2	N	(LT)	ASPLENIUM DENTATUM	SLENDER SPLEENWORT	G?	S2	N	(LT)	CAMPYLONEURUM COSTATUM	NARROW-LEAVED STRAP FERN
G2	S1S2	C2	(LT)	ASPLENIUM HETERORESILIENS	WAGNER'S SPLEENWORT	G2?	S2	C2	RE	CAREX BALTZELLII	TAILED STRAP FERN
G4	S1	N	LE	ASPLENIUM MONANTHES	SINGLE-SORUS SPLEENWORT	G3?	S2	C2	N	CAREX CHAPMANII	BALTZELL'S SEDGE
GU	SU	C2	(LT)	ASPLENIUM PLENUM	DWARF SPLEENWORT	G2	S2	C1	LERT	CASSIA KEYENSIS	CHAPMAN'S SEDGE
G7	S1	N	LE	ASPLENIUM PUMILUM	BIRD'S NEST SPLEENWORT	G2G3	S1	N	LE	CATESBAEA PARVIFLORA	BIG PINE PARTRIDGE PEA
G7	S1	N	LE	ASPLENIUM SERRATUM	PLUMOSE ASTER	G4	S1S2	N	LE	CATOPSIS BERTERONIANA	SHALL-FLOWERED LILLY-THORN
G2Q	S2	3B	N	ASTER PLUMOSUS	PINE-WOODS ASTER	G2G3	S1	N	(LT)	CATOPSIS NUTANS	POMERY CATOPSIS
G1	S1	C2	LT	ASTER SPINULOSUS	APALACHICOLA RIVER ASTER	G7	S1	N	LE	CELTIS IGUANAEA	MOODY CATOPSIS
G57TU	S1S3	N	N	ASTER VIMINEUS VAR VIMINEUS	APALACHICOLA RIVER ASTER	G7	S1	N	LE	CELTIS PALLIDA	IGUANA HACKBERRY
											SPINY HACKBERRY

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL STATE RANK	GLOBAL STATE RANK	FED STATE STAT	FED STATE STAT	NAME	COMMON NAME	NAME	COMMON NAME
G2?	S1S3	3C	N	CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA		
G2G3T1	S1	LE	LE	CEREUS ERIDOPHORUS VAR FRAGRANS	FRAGRANT PRICKLY-APPLE		
G2G3	S2S3	C2	LE	CEREUS GRACILIS	PRICKLY-APPLE		
G1	S1	LE	LE	CEREUS ROBINII	KEY TREE-CACTUS		
G2	S2	C2	N	CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE		
G2?T2	S2	LE	LE	CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE		
G2?T1	S1	C1	RE	CHAMAESYCE DELTOIDEA SSP SERPYLLUM	WEDGE SPURGE		
G1	S1	LT	LE	CHAMAESYCE GARBERI	GARBER'S SPURGE		
G2T1	S1	C1	RE	CHAMAESYCE PORTERIANA VAR KEYENSIS	PORTER'S HAIRY-POODED SPURGE		
G2T2	S2	C1	RE	CHAMAESYCE PORTERIANA VAR PORTERIANA	PORTER'S BROAD-LEAVED SPURGE		
G2T2	S2	C1	RE	CHAMAESYCE PORTERIANA VAR SCOPARIA	PORTER'S BROOM SPURGE		
G?	S3	N	(LT)*	CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN		
G2	S2	LE	LE	CHONANTHUS 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 GOSSYPIANA 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		
G3	S3	C2	N	COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS		
G?	S1S2	N	N	COLUBRINA CUBENSIS	CUBAN SNAKE-BARK		
G1G2Q	S1S2	C1	LT	COMELINA GIGAS	CLIMBING DAYFLOWER		
G2	S2	C2	N	CONRADINA BREVIFOLIA	SHORT-LEAVED ROSEMARY		
G1	S1	C2	LT	CONRADINA GLABRA	APALACHICOLA ROSEMARY		
G3	S3	C2	RE	CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY		
G3G5	S2S3	N	LE	CORDIA SEBESTENA	GEIGER TREE		
G5	S2	N	LT	CORNUS ALTERNIFOLIA	ALTERNATE-LEAF DOGWOOD		
G2G3	S2	C2	LE	CROONIA PAUCIFLORA	CROONIA		
G?	S2	N	N	CROSSOPETALUM ILTICIFOLIUM			CHRISTMAS BERRY
G2G3	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 OKEECHOBENSIS			OKEECHOBEE GOURD
G?	S1	N	LE	CUPANIA GLABRA			CUPANIA
G2?	S2	C2	N	CUPHEA ASPERA			TROPICAL WAXVEED
G5	S2	N	N	CYNOGLOSSUM VIRGINIANUM			WILD COMPHREY
G?	S1	N	LE	CYRTOPODIUM PUNCTATUM			COM-HORNED ORCHID
G1	S1	LE	LE	DEERINGOTHAMNUS PULCHELLUS			BEAUTIFUL PAMPAN
G1	S1	LE	LE	DEERINGOTHAMNUS RUGELII			RUGEL'S PAMPAN
G?	S1	N	LE	DENNSTAEDTIA BIPINNATA			HAY SCENTED FERN
G1	S1	N	N	DICERANDRA CHRISTMANII			GARRETT'S SCRUB BALM
G1	S1	LE	LE	DICERANDRA CORNUITISSIMA			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	S3	N	N	ELEOCHARIS ROSTELLATA			BEAKED SPIKERUSH
G?	S1	N	LE	ELTROPLECTRIS CALCARATA			NARROW-LEAVED CAROLINA SCALYSYSTEM
G2G4T2	S2	C2	N	ELYTRARIA CAROLINIENSIS VAR ANGUSTIFOLIA			DOLLAR ORCHID
G3T1	S1	C2	LE	ENCYCLIA BOOTHIANA VAR ERYTHRONIODES			DWARF ENCYCLIA
G4G5	S1	N	LE	ENCYCLIA PYGMAEA			ACUNA'S EPIDENDRUM
G3G4	S1	N	LE	EPIDENDRUM ACUNAE			NIGHT-SCENTED ORCHID
G?	S2	N	(LT)	EPIDENDRUM NOCTURNUM			TRAILING ARBUTUS
G5	S2	N	LE	EPIGAEA REPENS			SANIBEL LOVEGRASS
G2	S2	C2	LT	ERAGROSTIS TRACYI			

FLORIDA NATURAL AREAS INVENTORY
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GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME		
G2720	S1S2	C2	N	ERIOCHLOA MICHAUXII VAR SIMPSONII	A CUPGRASS	G5712	S2	C1	N	HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER
G473	S3	C2	LT	ERIOCIUM LONGIFOLIUM VAR GNAPHALIFOLIUM	SCRUB BUCKWHEAT	G71113	S1S3	C2	N	HELIOTROPUM POLYPHYLLUM VAR HORIZONTALIS	PROSTRATE MANY-LEAVED TURNSOLE
G4	S3	N	LT	ERNODEA LITTORALIS	BEACH-CREEPER	G5	S2	N	LE	HEPATICA NOBILIS	LIVERLEAF
G1	S1	LE	LE	ERYNGIUM CUNEIFOLIUM	WEDGE-LEAVED BUTTON-SNAKEROOTS	G5	S3	N	LT	HEXASTYLIS ARIFOLIA	HEARTLEAF
G3G5	S2	N	LT	ERYTHRONIUM UMBILICATUM	TROUT LILY	G3G4	S2	N	LT	HIPPOMANE MANCINELLA	MANCHINEEL
G4G5	S3S4	N	LT	EUGENTIA CONFUSA	TROPICAL IRONWOOD	G2	S1	N	LE	HUPERZIA DICHOTOMA	HANGING CLUBMOSS
G7	S1	N	LE	EUGENTIA RHOMBEA	RED STOPPER	G5	S1	N	LT	HYDRANGEA ARBORESCENS	MILD HYDRANGEA
G5	S2	N	N	EUONYMUS ATROPURPUREUS	BURNINGBUSH	G2Q	S1	C2	N	HYMENOCALLIS CORONARIA	STREAM-BANK SPIDERLILY
G4	S2?	N	N	EUPHORBIA COMMUTATA	WOOD SPURGE	G1	S1	N	N	HYMENOCALLIS HENRYAE	PANHANDLE SPIDERLILY
G1	S1	C2	RE	EUPHORBIA TELEPHIODES	TELEPHUS SPURGE	G2G4	S2S3	3C	N	HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY
G2T2	S2	C1	N	FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEMOOD PRIVET	G2	S1	N	LT	HYPELATE TRIFOLIATA	INKWOOD
G2	S2	C2	N	GALACTIA PINETORUM	PINELAND MILK-PEA	G2	S2	C1	LT	HYPERICUM CUMULICOLA	HIGHLANDS SCRUB HYPERICUM
G1	S1	LE	LE	GALACTIA SMALLII	SMALL'S MILKPEA	G2	S2	C2	LE	HYPERICUM EDISONIANUM	EDISON'S ASCYRUM
G2?	S2	3C	LE	GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2	S2	C2	LE	HYPERICUM LISSOPHLOEUS	SMOOTH-BARKED ST. JOHN'S-WORT
G2	S2	C2	RE	GLANDULARIA MARITIMA	COASTAL VERVAIN	G3	S2	C2	(LT)	ILEX AMELANCHIER	SERVICEBERRY HOLLY
G1	S1	C1	RE	GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G?	S2	N	LTRE	ILEX KRUGIANA	KRUG'S HOLLY
G5	S2	N	(LT)	GOODYERA PUBESCENS	DORNY RATTLESAKE PLANTAIN	G5T3	S3	3C	N	ILEX OPACA VAR ARENICOLA	SCRUB HOLLY
G4G5	S3?	N	LE	GOSYPIUM HIRSUTUM	WILD COTTON	G5	S3	N	LT	ILLICICIUM FLORIDANUM	FLORIDA ANISE
G4G5	S2	N	LE	GUAIACUM SANCTUM	LIGNUM-VITAE	G1	S1	C2	LT	ILLICICIUM PARVIFLORUM	STAR ANISE
G4G5	S1S2	N	LE	GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD	G7	S2	N	LE	IONOPSIS UTRICULARIODES	DELICATE IONOPSIS
GH	S2	C2	N	GYNHOPOGON FLORIDANUS	FLORIDA BEARDGRASS	G5	S1	N	N	ISOPYRUM BITERNATIUM	FALSE RUE-ANEMONE
G1G2	S1S2	N	N	HALOPHILA JOHNSONII	JOHNSON'S SEAGRASS	G2	S2	C2	LE	JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA
G1	S1	LE	LE	HARPEROCALLIS FLAVA	HARPER'S BEAUTY	G1	S1	C2	LE	JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA
G2	S2	C2	LT	HARTWRIGHTIA FLORIDANA	HARTWRIGHTIA	G4	S3	N	LT	JACQUINIA KEYENSIS	JOEWOOD
G2	S2	C1	LE	HEDEOMA GRAVEOLENS	MOCK PENNYROYAL	G2G3	S1	3C	N	JUNCIUS GYMNOCARPUS	COVILLE'S RUSH
G5T1Q	S1	C2	N	HEDYOTIS NIGRICANS VAR PULVINATA	NARROW-LEAVED BLUETS	G1G2	S1S2	PE	LE	JUSTICIA COOLEYI	COOLEY'S WATER-WILLOW
G3G4	S3	N	N	HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G27	S2	C2	RT	JUSTICIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW
G2	S2	C2	RE	HELIANTHUS CARNOSUS	LAKE-SIDE SUNFLOWER	G5	S3	N	LT	KALMIA LATIFOLIA	MOUNTAIN LAUREL

FLORIDA NATURAL AREAS INVENTORY

SPECIAL PLANTS LIST

GLOBAL STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE STAT	NAME	COMMON NAME			
G263	S2?	C2	N	LACHNOCAULON DIGYNUM	G4	S2	N	LE	MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA
G3	S3	C2	RE	LECHEA CERNUA	G5	S3	N	(LT)	MALAXIS UNIFOLIA	GREEN ADDER'S-MOUTH
G2	S2	C2	RE	LECHEA DIVARICATA	G7	S1	N	LT	MARSHALLIA OBOVATA	BARBARA'S BUTTONS
G1	S1	C2	N	LECHEA LAKELAE	G1	S1	C2	LE	MATELEA ALABAMENSIS	ALABAMA ANGLEPOD
G364	S3	3C	LT	LEITHERIA FLORIDANA	G7	S1	N	LE	MATELEA BALDWINIANA	BALDWIN'S SPINY-POD
G163	S1	C2	LE	LEPANTHOPSIS MELANANTHA	G2	S2	C2	LE	MATELEA FLORIDANA	FLORIDA SPINY-POD
G3	S3	C1	LE	LIATRIS OHLINGERAE	G7	S1	N	LE	MAXILLARIA CRASSIFOLIA	HIDDEN ORCHID
G2	S2	C2	LE	LIATRIS PROVINCIALIS	G5	S2	N	LT	MEDEOLA VIRGINIANA	INDIAN CUCUMBER-ROOT
G?	S1	N	LE	LICARIA TRIANDRA	G29	S2	C2	N	MELANTHERA PARVIFOLIA	SMALL-LEAVED MELANTHERA
G3	S2?	C2	N	LILAEOPSIS CAROLINENSIS	G?	S2S3	N	(LT)	MICROGRAMMA HETEROPHYLLA	CLIMBING VINE FERN
G465	S2	N	LT	LILIUM CATESBAEI	G10	S1	C2	N	MINUARTIA GODFREYI	GODFREY'S SANDWORT
G1	S1	C2	LE	LILIUM IRIDOLLAE	G5	S1	N	LE	MONOTROPA HYPOPITHYS	PINESAP
G465	S1S2	N	N	LILIUM MICHAUXII	G10	S1	C2	LE	MONOTROPSIS REYNOLDSIAE	PIGMY-PIPES
G5	S1	N	N	LILIUM SUPERBUM	G4T3	S3	C2	LT	MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY
G2	SH	LE	LE	LINDERA MELISSIFOLIA						
G162	S1S2	C2	LE	LINUM ARENICOLA						
G2T1	S1	C1	RE	LINUM CARTERI VAR CARTERI						
G2T2	S2	C1	RE	LINUM CARTERI VAR SHALLII						
G5?TU	S1?	C2	N	LINUM SULCATUM VAR HARPERI						
G2	S2	C2	LT	LINUM WESTII						
G465	S2	3C	LT	LITSEA AESTIVALIS	G7	S2S3	N	(LT)	ODONTOSORIA CLAVATA	WEDGELET FERN
G?	S2S3	N	(LT)	LOMARIOPSIS KUNZEANA	G3	S2	N	LE	OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK
G1630	S1S3	N	N	LUDWIGIA SPATHULIFOLIA	G1630	S1	N	LE	ONCIDIUM BAHAMENSE	DANCING-LADY ORCHID
G1	S1	LE	LE	LUPINUS ARIDORUM	G163	S1	3C	LE	OPHIOGLOSSUM PALMATUM	HAND FERN
G2	S2	3C	LT	LUPINUS WESTIANUS	G1	S1	C2	(LT)	OPUNTIA SPINOSISSIMA	FLORIDA SEMAPHORE CACTUS
G1	S1	C2	RE	LYTHRUM CURTISSII	G163	S1	C2	N	OPUNTIA TRIACANTHA	THREE-SPINED PRICKLY-PEAR
G263	S2S3	C2	N	LYTHRUM FLAGELLARE						
G1	S1	C2	LE	MACBRIDEA ALBA	G5T3	S3	C2	LE	OXYPOLIS FILIFORMIS SSP GREENHAWII	GIANT WATER-DROPPORT
G5	S2	N	LT	MAGNOLIA ACUMINATA	G465	S1	N	LE	PACHYSANDRA PROCLUBENSIS	ALLEGHENY-SPURGE
G2	S2	3C	LE	MAGNOLIA ASHNEI						

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GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME		
G2	S2	N	RT	PANTICUM ABCISSUM	CUTTTHROAT GRASS	G472	S2	C2	N	POLYGALA BOYKINI I VAR	BOYKIN'S FEW-LEAVED MILKWORT
G5	S2?	C2	N	PANTICUM NUDICAULE	NAKED-STEMMED PANIC GRASS	G1?	S1	C1	LE	SPARSIFOLIA	LEWTON'S POLYGALA
G27Q	S2	C2	N	PANTICUM PINETORUM	BONITA SPRINGS PANIC GRASS	G1	S1	LE	LE	POLYGALA LEWTONI I	TINY POLYGALA
G2	S1	C2	RE	PARNASSIA CAROLINIANA	CAROLINA GRASS	G3	S3	LE	LE	POLYGONELLA SMALLII	HAIKY JOINTWEED
G2G3	S2	N	LE	PARNASSIA GRANDIFOLIA	GRASS-OF-PARNASSUS LARGE-FLOWERED	G2	S2	C1	LT	POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED
G2	S2	LT	LE	PARONYCHIA CHARTACEA	GRASS-OF-PARNASSUS	G2G3	S2	N	LT	POLYGONELLA MYRIOPHYLLA	SMALL'S JOINTWEED
G4G5	S2S3	N	N	PAVONIA SPINFEX	PAPER-LIKE NAIL-WORT	G?	S2	N	LT	POLYGONUM MEISNERIANUM	MEXICAN TEAR-THUMB
G?	S1S2	N	(LT)	PELLAEA ATROPURPUREA	YELLOW HIBISCUS	G?	S2	N	LE	POLYHMNIA LAEVIGATA	TENNESSEE LEAFCLIP
G3G4	S3	N	N	PELTANDRA SAGITTIFOLIA	PURPLE CLIFF BRAKE	GU	SU	C2	N	POTAMOGETON FLORIDANUS	GHOST ORCHID
G1G2	S1S2	C2	LE	PEPEROMIA FLORIDANA	SPOON-FLOWER	G2G3	S2S3	LE	LTRE	PRUNUS GENICULATA	FLORIDA PONDWEED
G?	S1	N	LE	PEPEROMIA GLABELLA	EVERGLADES PEPEROMIA	GU	S1	N	LE	PSEUDOPHOENIX SARGENTII	SCRUB PLUM
G4	S3	3C	N	PERSEA HUMILIS	CYPRESS PEPEROMIA	G?	S3S4	N	(LT)	PTERIS BAHAMENSIS	FLORIDA CHERRY-PALM
G?	SH	N	N	PHARUS PARVIFOLIUS	SCRUB BAY	G3G4	S2	C2	(LT)	PTEROGLOSSASPIS ECRISTATA	BAHAMA BRAKE
G?	S1	N	LE	PHORADENDRON RUBRUM	CREEPING-LEAF STALKGRASS	G3	S3	3C	N	PYCNANTHEMUM FLORIDANUM	A WILD COCO
G3G5T2	S2	3C	LT	PHYLLANTHUS LEIBMANNIANUS SSP PLATYLEPIS	MAHOGONY MISTLETOE	G3	S1S2	3C	N	QUERCUS ARKANSANA	FLORIDA MOUNTAIN-MINT
G?	S3	C2	N	PHYLLANTHUS PENTAPHYLLUS VAR FLORIDANUS	PINE-WOOD DAINTIES	G3	S1	N	LE	REMIREA MARITIMA	ARKANSAS OAK
G4G5	S3S5	C2	N	PHYSOSTEGIA LEPTOPHYLLA	FLORIDA FIVE-PETALED LEAF-FLOWER	G?	S1	N	LE	RESTREPIELLA OPHIOCEPHALA	BEACH-STAR
G2	S2	C2	RE	PINGUICULA IONANTHA	SLENDER-LEAVED DRAGON-HEAD	G2	S2	C2	LE	RHEXIA PARVIFLORA	SNAKE ORCHID
G3?	S2	C2	RE	PINGUICULA PLANIFOLIA	VIOLET-FLOWERED BUTTERMORT	G2	S2	C2	N	RHEXIA SALICIFOLIA	A MEADOWBEAUTY
G3	S3	C2	LE	PITYOPSIS FLEXUOSA	CHAPMAN'S BUTTERMORT	G3G5	SX	3C	LE	RHIPSALIS BACCIFERA	PANHANDLE MEADOWBEAUTY
G3G4	S3S4	3C	(LT)	PLATANTHERA INTEGRA	ROCK KEY DEVIL'S-CLAWS	G3G4	S3	3C	LE	RHODOENDRON AUSTRINUM	MISTLETOE CACTUS
GU	S1	N	(LT)	PLEOPELITIS REVOLUTA	BENT GOLDEN ASTER	G3G4	S1G2	LE	LE	RHODOENDRON CHAPMANII	ORANGE AZALEA
G5	S1	N	N	POCOPHYLLUM PELTATUM	YELLOW FRINGELESS ORCHID	G3	S3	C2	N	RHYNCHOSTA CINEREA	CHAPMAN'S RHODOENDRON
					STAR-SCALE FERN	G1	S1	N	N	RHYNCHOSPORA CRINIPES	BROWN-HAIRED SNOUTBEAN
					MAY APPLE	G1	S1	N	N	RHYNCHOSPORA CULIXA	HAIKY-PEDUNCLED BEAK-RUSH
						G1	S17	3C	N	RHYNCHOSPORA PUNCTATA	GEORGIA BEAK-RUSH
						G17	SU	C2	N	RHYNCHOSPORA PUNCTATA	PINELAND BEAK-RUSH
						G1	S1	LT	LE	RIBES ECHINELLUM	MICCOSUKEE GOOSEBERRY
						G2Q	S2	C1	LE	ROYSTONEA ELATA	FLORIDA ROYAL PALM
						G3	S1	C2	LE	RUBBECKIA NITIDA	ST. JOHN'S-SUSAN

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GLOBAL STATE RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	STATE RANK	FED STAT	STATE STAT	NAME	COMMON NAME
G4T1T2	S1	C2	N	RUDBECKIA TRILOBA VAR PINNATILOBA	PINNATE-LOBED CONEFLOWER	G5	S1	N	LT	STAPHYLEA TRIFOLIA	AMERICAN BLADDERNUT
G1?	S1	N	N	SABAL MIAMIENSIS	MIAMI PALMETTO	G4	S3	N	LE	STEWARTIA MALACODENDRON	SILKY CAMELLIA
G2	S1	N	LE	SACHSIA BAHAMENSIS	BAHAMA SACHSIA	G4G5T2	S2	C2	N	STILLINGIA SYLVATICA SSP TENUIS	A QUEEN'S DELIGHT
G4T1T2	S2	C2	(LT)	SACOILA LANCEOLATA VAR PALUDICOLA	A LADIES'-TRESSES	G4	S1	N	LE	STRUMPFIA MARITIMA	PRIDE-OF-BIG-PINE
G2	S2	C2	LT	SALIX FLORIDANA	FLORIDA WILLOW	G2	S2	C1	LE	TAXUS FLORIDANA	FLORIDA YEW
G2	S2	C2	LTRE	SALPINGOSTYLIS COELESTINA	FLORIDA WILLOW	G2?	S1	N	LE	TECTARIA CORTANDRIFOLIA	HATTIE BAUER HALBERD FERN
GHQ	SH	3B	N	SALVIA BLODGETTII	BARTRAM'S IXIA	GH?Q	SH	C2	(LT)	TECTARIA X AMESIANA	AMES HALBERD FERN
G?	S1	N	N	SALVIA CHAPMANII	BLODGETT'S SAGE	G1Q	S1	C1	RE	TEPHROSIA ANGUSTISSIMA	A DEVIL'S SHOESTRING
G3G5	S3	C2	LE	SARRACENIA LEUCOPHYLLA	CHAPMAN'S SAGE	G2?	S1	C2	N	TEPHROSIA MOHRII	PINELAND HOARY-PEA
G3	S2	C2	LE	SARRACENIA RUBRA	WHITE-TOP PITCHER-PLANT	G3G5	S3	N	LT	TETRAZYGIA BICOLOR	TETRAZYGIA
G4	S2	3C	LT	SCHISANDRA COCCINEA	SWEET PITCHER-PLANT	G1	S1	C1	N	THALICTRUM COOLEYI	COOLEY'S MEADOWRUE
G2?	S2	C2	N	SCHIZACHYRIUM NIVEUM	SCHISANDRA	GXQ	SX	N	(LT)	THELYPTERIS MACILENTA	EDWARD'S MAIDEN FERN
G1G3	S1	C2	LE	SCHITAZEA GERMANII	RIPARIAN AUTUMN GRASS	G4G5	S3	N	LC	THRINAX MORRISII	BRITTLE THATCH PALM
G2	S1	C2	RE	SCHVALBEA AMERICANA	TROPICAL CURLY-GRASS	G4G5	S2	N	LC	THRINAX RADJATA	FLORIDA THATCH PALM
G1	S1	C2	RE	SCUTELLARIA FLORIDANA	CHAFFSEED	G4	S3	N	LT	TILLANDSIA FLEXUOSA	BANDED WILD-PINE
G5	S3S4	N	LT	SELAGINELLA APODA	FLORIDA SKULLCAP	G3	S1	N	LE	TILLANDSIA PRUINOSA	FUZZY-WUZZY AIR-PLANT
G7	S2	N	N	SELAGINELLA EATONII	MEADOW SPIKE MOSS	G1	S1	LE	LE	TORREYA TAKIFOLIA	FLORIDA TORREYA
G4G5	S3S4	N	LT	SELAGINELLA LUDOVICIANA	EATON'S SPIKE MOSS	G4	S3	N	LE	TOURNEFORTIA GNAPHALODES	SEA LAVENDER
G3?Q	S3?	C2	N	SIDA RUBROMARGINATA	GULF SPIKE MOSS	G2	S2	C2	RE	TRAGIA SAXICOLA	PINELAND NOSEBURN
G2	S2	C1	RE	SILENE POLYPETALA	RED-MARGINED SIDA	G?	S1	N	(LT)	TRICHOMANES HOLOPTERUM	ENTIRE-WINGED BRISTLE FERN
G1Q	S1	C2	N	SIUM FLORIDANUM	FRINGED CAMPION	G?	S1S2	N	(LT)	TRICHOMANES KRAUSII	KRAUS' BRISTLE FERN
G4G5TH	SH	3A	N	SOLANUM BAHAMENSE VAR RUGELII	FLORIDA WATER-PARSNIP	G3	S1S2	N	(LT)	TRICHOMANES PETERSII	PLATEAU BRISTLE FERN
G5T3T5	S3S5	C2	N	SOLANUM CAROLINENSE VAR FLORIDANUM	RUGEL'S KEY WEST HORSE-NETTLE	G2	S2	N	(LT)	TRICHOMANES PUNCTATUM	FLORIDA BRISTLE FERN
G4	S3	N	N	SOPHORA TOMENTOSA	NECKLACE POO	G3	S2	N	LE	TRILLIUM LANCIFOLIUM	NARROW-LEAVED TRILLIUM
G1	S1	C2	LE	SPIGELIA GENTIANOIDES	GENTIAN PINKROOT	G1	S1	C2	(LT)	TRIPHORA CRAIGHEADII	CRAIGHEAD'S NODDING-CAPS
G1G2	S1S2	3C	LE	SPIGELIA LOGANILOIDES	A PINKROOT	GH	SH	C2	(LT)	TRIPHORA LATIFOLIA	BROAD-LEAVED NODDING-CAPS
G1G3	S1S2	C2	LE	SPIRANTHES POLYANTHA	GREEN LADIES'-TRESSES	G2	S2	C1	RE	TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS
G5T1	S1	C2	N	STACHYS HYSSOPIFOLIA VAR LYTHROIDES	TALLAHASSEE HEDGE-NETTLE	G3G5	S1	N	LE	TROPIDIA POLYSTACHYA	YOUNG-PALM ORCHID
						G4?	S1	N	N	ULMUS CRASSIFOLIA	CEDAR ELM

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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
G?	S3S4	N	(LT)	WOODSIA OBTUSA	BLUNT-LOBED CLIFF FERN
G3	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
G2?	S2S3	3C	LE	ZEPHYRANTHES SIMPSONII	RAIN LILY
GH	SH	C2	N	ZIZIA LATIFOLIA	BRISTOL GOLDEN ALEXANDERS
G1	S1	C2	RE	ZIZIPHUS CELATA	

* = Also ranked RE

Not all taxa listed in the Preservation of Native Flora of Florida Act (F.S. 581.185) are included in this list.

NUMBER OF ELEMENTS: 366

FLORIDA NATURAL AREAS INVENTORY
SPECIAL VERTEBRATES LIST

GLOBAL STATE RANK	STATE	FED STATE	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE	STATE	NAME	COMMON NAME
RANK	STAT	STAT			RANK	STAT	STAT		
**	FISHES								
G5	S3	N	ACANTHARCHUS POMOTIS	MUD SUNFISH	G2	S1	LS	MOTROPIS CALLITAENIA	BLUESTRIPE SHINER
G3	SA	LE	ACIPENSER BREVIROSTRUM	SHORTNOSE STURGEON	G5	S4	N	MOTROPIS CUMMINGSAE	DUSKY SHINER
G3	S2	C2	ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON	G3	S2	N	MOTROPIS LEEDSI	BANNERFIN SHINER
G5	S3	N	AGONOSTOMUS MONTICOLA	MOUNTAIN MULLET	G1	S1	LE	MOTROPIS SP 2	BLACKMOUTH SHINER
G3	S1	C2	AMMOCRYPTA ASPRELLA	CRYSTAL DARTER	G4	S4	N	MOTROPIS MELAKA	BLUENOSE SHINER
G5	SU	N	AVAOUIS TAJASICA	RIVER GOBY	G3	S1S2	N	MOTROPIS ZONISTIIUS	BANDFIN SHINER
G5	S2	N	BAIRDIELLA SANCTAELUCIAE	STRIPED CROAKER	G5	S3	N	OOSTETHUS BRACHYURUS	OPPOSUM PIPEFISH
G5T2	S2	N	CYPRINODON VARIEGATUS HUBBSI	LAKE EUSTIS PUFFISH	G5	SA	N	PERCINA OUACHITAE	SADDLEBACK DARTER
G5T2Q	S2	N	CYPRINODON VARIEGATUS POP 1	FLORIDA KEYS SHEEPSHEAD MINNOW	G5T2Q	S2	N	POECILIA LATIPIINNA POP 1	SEA LAMPREY
G3	S3	N	ENNEACANTHUS CHAETODON	BLACKBANDIED SUNFISH	G5	S2	N	RIVULUS MARMORATUS	FLORIDA KEYS SAILFIN MOLLY
G4	S1	N	ETHEOSTOMA HISTRIO	HARLEQUIN DARTER	G1	S1	LS	STARKSIA STARCKI	RIVULUS
G2	S2	LE	ETHEOSTOMA OKALOOSAE	OKALOOSA DARTER	G5	S3	N	UMBRA PYGMAEA	KEY BLENNY
G5	S1	N	ETHEOSTOMA OLMSTEDI	TESSELLATED DARTER					EASTERN MUDMINNOW
G4	S2	N	ETHEOSTOMA PARVIPPINNE	GOLDSTRIPE DARTER	**	AMPHIBIANS			
G5	S2	N	ETHEOSTOMA PROELIARE	CYPRESS DARTER					
G5T4	S3	N	FUNDULUS GRANDIS SAGUANUS	SOUTHERN GULF KILLIFISH	G4	S3?	C2	N	AMBYSTOMA CINGULATUM
G3	S2	N	FUNDULUS JENKINSI	SALTmarsh TOPMINNOW	G5	S3?	N	N	AMBYSTOMA TIGRINUM
G5T2Q	S2	N	FUNDULUS SIMILIS SSP 1	FLORIDA KEYS SOUTHERN LONGHOSE KILLIFISH	G3	S3	N	N	AMPHIUMA PHOLETER
G3	S3	N	GAMBUSTA RHIZOPHORAE	MANGROVE GAMBUSTA	G5	S1	N	N	DESMOGNATHUS MONTICOLA
G4	S3?	N	GOBIONELLUS STIGNMATURUS	SPOTTAIL GOBY	G2	S2	C2	LS	HAIDEOTRITON WALLACEI
G5?	S2	N	HYBOGNATHUS HAYI	CYPRESS MINNOW	G5	S2	N	N	HEMIDACTYLUM SCUTATUM
G5	S2	N	HYBOPSIS AESTIVALIS	SPECKLED CHUB	G4	S3	AC	LS	HYLA ANDERSONII
G4	S3	N	ICTALURUS BRUNNEUS	SNAIL BULLHEAD	G3	S3	N	N	MOTOPHTHALMUS PERSTRIATUS
G3	S3	N	ICTALURUS SERRACANTHUS	SPOTTED BULLHEAD	G5T1T2	S1S2	C2	N	PSEUDOBANCHIUS STRIATUS
G5	S3	N	LEPISOSTEUS SPATULA	ALLIGATOR GAR					LUSTRICOLUS
G5T2Q	S2	N	LUCANIA PARVA POP 1	FLORIDA KEYS RAINWATER KILLIFISH	G4	S3	C2	LS	RANA AREOLATA
G2Q	S2	N	HEMIDIA CONCHORUM	KEY SILVERSIDE	G2	S2	N	LS	RANA OKALOOSAE
G2G3	S2S3	N	MICROPTERUS NOTIUS	SUMANEE BASS	G5	S2?	N	N	RANA VIRGATIPES
G2	S1	N	MICROPTERUS SP 1	SHOAL BASS	G5	S1	N	N	STEREOCHILUS MARGINATUS
G4	S1	N	MOXOSTOMA CARINATUM	RIVER REDHORSE					
G2	S2	N	MOXOSTOMA SP 1	GREYFIN REDHORSE					

FLORIDA NATURAL AREAS INVENTORY
SPECIAL VERTEBRATES LIST

GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	
** REPTILES										
G5	S2	N	AGKISTROON CONTORTRIX	COPPERHEAD	G3	S3	C2	LT	STILOSONA EXTENUATUM	SHORT-TAILED SNAKE
G5	S4	LTSA	LS ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5T1Q	S1	N	LT	STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE
G3	S2	LT	LT CARETTA CARETTA	LOGGERHEAD	G1G2Q	S1S2	C2	LT	TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE
G3	S2	LE	LE CHELONIA MYDAS	GREEN TURTLE	G5T1Q	S1	N	LT	THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE
G5	S3?	N	N CLEMYS GUTTATA	SPOTTED TURTLE	G5T4?	S2?	N	N	TRIONYX MUTICUS CALVATUS	GULF COAST SMOOTH SOFTSHELL
G2?	S1	LE	LE CROCODYLUS ACUTUS	AMERICAN CROCODYLE	** BIRDS					
G5	S3	N	N CROTALUS HORRIDUS	CANEBRAKE RATTLESNAKE	G4	S3?	N	N	ACCIPITER COOPERII	COOPER'S HAWK
G3	S2	LE	LE DERMOCHELYS CORIACEA	LEATHERBACK TURTLE	G3	S7	C2	N	ATMOPHILA AESTIVALIS	BACHMAN'S SPARROW
G5T1	S1	C2	LT DIADOPHIS PUNCTATUS ACRICUS	KEY RINGNECK SNAKE	G5	S2S3	N	LS	AJATA AJAJA	ROSEATE SPOONBILL
G4T3	S3	LT	LT DRYMARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4T3	S1	N	N	AMMODRAMUS MARITIMUS FISHERI	LOUISIANA SEASIDE SPARROW
G5T2Q	S2	N	LS ELAPHE GUTTATA POP 1	LOWER KEYS RED RAT SNAKE	G4T2	S2	C2	LS	AMMODRAMUS MARITIMUS	WAKULLA SEASIDE SPARROW
G3?	S1	LE	LE ERETMOCHELYS IMBRICATA	HAWKSBILL					JUNCICOLUS	
G5	S3	N	N EUMECEES ANTHRACINUS	COAL SKINK	G4T1	S1	LE	LE	AMMODRAMUS MARITIMUS MIRABILIS	CAPE SABLE SEASIDE SPARROW
G4?T2	S2	C2	LS EUMECEES EGREGIUS EGREGIUS	FLORIDA KEYS MOLE SKINK	G4TX	SX	LE	LE	AMMODRAMUS MARITIMUS	DUSKY SEASIDE SPARROW
G4?T1	S1	N	N EUMECEES EGREGIUS INSULARIS	CEDAR KEYS MOLE SKINK					NIGRESCENS	
G4?T2	S2	LT	LT EUMECEES EGREGIUS LIVIDUS	BLUE-TAILED MOLE SKINK	G4T2Q	S2?	C2	N	AMMODRAMUS MARITIMUS PELONOTUS	SHYRNA SEASIDE SPARROW
G5T1	S1	N	N FARANCJA ERYTROGRAMMA SEMINOLA	SOUTH FLORIDA RAINBOW SNAKE	G4T2	S2	N	LS	AMMODRAMUS MARITIMUS	SCOTT'S SEASIDE SPARROW
G2	S2	C2	LS GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G4T1	S1	LE	LE	PENINSULAE	FLORIDA GRASSHOPPER
G2	S2	C2	LS GRAPTEMYS BARBOURI	BARBOUR'S MAP TURTLE					AMMODRAMUS SAVANNARUM	
G4?	S2	N	LS GRAPTEMYS PULCHRA	ALABAMA MAP TURTLE					FLORIDANUS	SPARROW
G5T2Q	S2	C2	LE KINOSTERNON BAURII POP 1	KEY MUD TURTLE	G5	S1	N	N	ANOUS STOLIDUS	BROWN NODDY
G5	S2S3	N	N LAMPROPELTIS CALLIGASTER	MOLE SNAKE	G5T3	S3	LT	LT	APHELOCOMA COERULESCENS	FLORIDA SCRUB JAY
G5T2	S2	N	N LAMPROPELTIS GETULUS GOINI	APALACHICOLA KINGSNAKE					COERULESCENS	
G1	S1	LE	LE LEPIDOCHELYS KEMPII	ATLANTIC RIDLEY	G5	S3	N	LS	ARAMUS GUARAUNA	LIMPKIN
G3?	S3?	C2	LS MACROCLEMYS TENNINGKII	ALLIGATOR SNAPPING TURTLE	G5T2	S2	N	N	ARDEA HERODIAS OCCIDENTALIS	GREAT WHITE HERON
G5T2?	S2?	N	N MALACLEMYS TERRAPIN	MANGROVE TERRAPIN	G5T3	S3	N	LS	ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL
					G4?	S3	N	N	BUTEO BRACHYURUS	SHORT-TAILED HAWK
					G1	SX	LE	LE	CAMPEPHILUS PRINCIPALIS	IVORY-BILLED WOODPECKER
G2	S2	LT	LT RHIZOPHORARUM	SAND SKINK	G5	S4	N	N	CASHERODIUS ALBUS	GREAT EGRET
G5T3	S3?	N	N NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G4?	S2	C2	LT	CHARADRIUS ALEXANDRINUS	SNOWY PLOVER
G5T1Q	S1	LT	LT NERODIA FASCIATA TAENIATA	ATLANTIC SALT MARSH SNAKE	G2	S2	LT	LT	CHARADRIUS MELODUS	PIPING PLOVER
G5T3?	S7	C2	LS PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G4	S3	N	N	CHORDETTES GUNDLACHI	ANTILLEAN NIGHTHAWK
G5T3	S3	3C	LS PSEUDHEMYS CONCINNA	SUMANNEE COOTER						
G3	S3	C2	N SCELOPORUS WOODI	FLORIDA SCRUB LIZARD						

FLORIDA NATURAL AREAS INVENTORY
SPECIAL VERTEBRATES LIST

GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	GLOBAL STATE RANK	FED STATE RANK	FED STATE STAT	NAME	COMMON NAME	
G5T3 S2	N	LS	CISTOTHORUS PALUSTRIS	GRISEUS	G5	S37	N	N	PICOIDES VILLOSUM	HAIKY WOODPECKER
G5T3 S3?	N	LS	CISTOTHORUS PALUSTRIS	MARIANAE	G5	S2	N	N	PIEGADIS FALCINELLUS	GLOSSY IBIS
G5 S3	N	N	COCCYZUS MINOR		G5	S2	LT	LT	POLYBORUS PLANCUS	CRESTED CARACARA
G3 S2	C2	LT	COLUMBA LEUCOCEPHALA		G5T3 S3	S3	C2	N	RALLUS LONGIROSTRIS INSULARUM	MANGROVE CLAPPER RAIL
GX SX	N	N	CONUROPUS CAROLINENSIS		G5T3? S3?	S3?	N	N	RALLUS LONGIROSTRIS SCOTTII	FLOCKIDA CLAPPER RAIL
G5T3 S3	N	N	DENDROICA DISCOLOR	PALUDICOLA	G5	S1S2	N	N	RECURVIROSTRA AMERICANA	AMERICAN AVOCET
G5T3Q S2S3	C2	N	DENDROICA DOMINICA	STOODARDI	G47T1	S1	LE	LE	ROSTRHAMUS SOCIABILIS	PLUMBEUS SNAIL KITE
G1 S1	LE	LE	DENDROICA KIRTLANDII		G5 S3	S3	N	N	RYNCHOPS VIGER	BLACK SKIMMER
G5T4 S3	N	LS	DENDROICA PETECHIA	GUNDLACHI	G5 S3	S3	N	N	SETURUS MOTACILLA	LOUISIANA WATERTHRUSH
GX SX	N	N	ECTOPISTES MIGRATORIUS		G5 S2	S2	N	N	SETOPHAGA RUTICILLA	AMERICAN REDSTART
G5 S4	N	LS	EGRETTA CAERULEA		G4 S3	S3	N	LT	SITTA CAROLINENSIS	WHITE-BREASTED NUTHATCH
G4 S2	C2	LS	EGRETTA RUFESCENS		G5 S2?	S2?	N	N	STERNA ANTILLARUM	LEAST TERN
G5 S4	N	LS	EGRETTA THULA		G3 S1	S1	LT	LT	STERNA CASPIA	CASPIAN TERN
G5 S4	N	LS	EGRETTA TRICOLOR		G5 S1	S1	LT	LT	STERNA DOUGALLII	ROSEATE TERN
G5 S1S3	N	N	ELANUS CAERULEUS		G5 S3	S3	N	N	STERNA FUSCATA	SOOTY TERN
G5 S4	N	N	EUDOCIMUS ALBUS		G4 S2	S2	N	N	STERNA MAXIMA	ROYAL TERN
G4 SU	N	N	FALCO COLUMBARIUS		GX SH	SH	LE	LE	STERNA SANDVICENSIS	SANDWICH TERN
G3 S2	LT	LE	FALCO PEREGRINUS		G5 S3	S3	N	N	VERMIVORA BACHMANII	BACHMAN'S WARBLER
G5T3T4 S3?	C2	LT	FALCO SPARVERIUS	PAULUS	G5 SX	SX	N	N	VIREO ALTILOQUUS	BLACK-WHISKERED VIREO
G5 S1	N	N	FREGATA MAGNIFICENS		G5	SX	N	N	ZENAIDA AURITA	ZENAIDA DOVE
G3 SX	N	N	GEOTRYGON CHRYSIA							
G1 SX	LE	N	GRUS AMERICANA							
G5T2T3 S2S3	N	LT	GRUS CANADENSIS	PRATENSIS						
G5 S3	N	LS	HAEMATOPUS PALLIATUS							
G3 S2S3	LE	LT	HALIAEETUS LEUCOCEPHALUS							
G5 S1	N	N	HELMITHERUS VERMIVORUS		G4 SX	SX	LE	N	BISON BISON	BISON
G5 S4	N	N	IXOBRYCHUS EXILIS		G5T1	S1	C2	LS	BLARINA CAROLINENSIS	SHERMAN'S SHORT-TAILED SHREW
G5 S3?	N	N	LATERALLUS JAMAICENSIS		G4 SX	SX	LE	N	CANIS LUPUS	GRAY WOLF
G5 S2	LE	LE	MYCTERIA AMERICANA		GX SX	SX	LE	N	CANIS RUFUS	RED WOLF
G5 S3?	N	N	NYCTICORAX NYCTICORAX		G5 S3	S3	N	N	EPTESICUS FUSCUS	BIG BROWN BAT
G5 S3?	N	N	NYCTICORAX VIOLACEUS		G5T2? S2?	S2?	C2	N	EUMOPS GLAUCINUS FLORIDANUS	FLORIDA MASTIFF BAT
G5 S3S4	N	LS*	PANDION HALIAETUS		G4T1	S1	LE	LE	FELIS CONCOLOR CORYI	FLORIDA PANTHER
G5 S3	AC	LS	PELECANUS OCCIDENTALIS		G5 SU	SU	N	N	LASTIURUS CINEREUS	HOARY BAT
G2 S2	LE	LT	PICOIDES BOREALIS							
				RED-COCKADED WOODPECKER						

* = Applicable in Monroe County only

** - MAMMALS

FLORIDA NATURAL AREAS INVENTORY
SPECIAL VERTEBRATES LIST

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

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

NUMBER OF ELEMENTS: 214

FLORIDA NATURAL AREAS INVENTORY
 SPECIAL INVERTEBRATES LIST

MARCH 1986

GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME	GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME
FORIFERA							
U	C2 N	DOSILIA PALMERI	OKLAHAMA SPONGE	U	S2	LIGUUS FASCIATUS	FLORIDA TREE SNAIL
U	C2 N	EPHYDATTIA SUBTILIS	KISSIMMEE SPONGE	U	S1	MATECUMBENSIS	FLORIDA TREE SNAIL
CNIDARIA: ANTHOZOA							
U	N	ACROPORA CERVICORNIS	STACHORN CORAL	U	S1	LIGUUS FASCIATUS	FLORIDA TREE SNAIL
U	N	ACROPORA PALMATA	ELKHORN CORAL	U	S1	SEPTENTRIONALIS	FLORIDA TREE SNAIL
U	N	ACROPORA PROLIFERA	STACHORN CORAL	U	S1	LIGUUS FASCIATUS	FLORIDA TREE SNAIL
U	N	ACARTICIA AGARICITES	LETTUCE CORAL	G3	N	ORTHALICUS FLORIDENSIS	BANDED TREE SNAIL
U	N	COLPOPHYLLIA NATANS	GIANT BRAIN CORAL	G2T2	N	ORTHALICUS RESES NESODRYAS	FLORIDA KEYS TREE SNAIL
U	N	DENDROCYGNA CYLINDRUS	PILLAR CORAL	G2T1	LT	ORTHALICUS RESES RESES	STOCK ISLAND TREE SNAIL
U	N	DIPLODIA CLIVOSA	BRAIN CORAL	U	C2 N	VERTICID HEBARDI	
U	N	DIPLODIA LABYRINTHIFORMIS	BRAIN CORAL	MOLLUSCA: BIVALVIA			
U	N	DIPLODIA STRIGOSA	BRAIN CORAL	U	C2 N	ALASHMONTA WRIGHTIANA	A MUSSEL
U	N	EUSHELLIA FASTIGIATA	FLOWER CORAL	G2	S2	LAMPUSILIS HADDLETONI	CLAM
U	N	HEANDRINA HEANDRITES	BRAIN CORAL	G3?	N	PANOEPA BITRUNCATA	ATLANTIC GEODUCK
U	N	HONTASTREA ANNULARIS	SMALL STAR CORAL	G2	S2	PTYCHOBANCHUS JONESI	JONES' LAMPUSILID CLAM
U	N	HONTASTREA CAVERNOSA	LARGE STAR CORAL	G2	S2	VILLOSA CHOCTAWENSIS	ATHEARN'S VILLOSA
U	N	MUSSA ANGULOSA	LARGE FLOWER CORAL	ARACHNIDA: ANELYPYGI			
U	N	SIDERASTREA SIDERA	STARLET CORAL	U	N	PARAPHRYNUS RAPTATOR	DUSKY-HANDED TAILLESS WHIP SCORPION
MOLLUSCA: GASTROPODA							
U	N	AMNICOLA SP 1		U	N	CEONIA IRVINGI	KEY GNAPHOSID SPIDER
G1	C2 N	APHAOSTRACON ASTHENES	BLUE SPRING APHAOSTRACON	U	C2 N	CYCLOCOSMIA TORREYA	TORREYA TRAP-DOOR SPIDER
G1	N	APHAOSTRACON CHALAROCYRUS	LOOSE-COILED SNAIL	U	N	EUSTALIA ELEUTHERA	ORB WEAVER
G1	C2 N	APHAOSTRACON MONAS	WEKIWA SPRING APHAOSTRACON	U	N	GEOLYCOSA XERA	MCCRONE'S BURROWING WOLF SPIDER
G1	C2 N	APHAOSTRACON PYCNUS	THICK-SHELLED APHAOSTRACON	U	N	HABROCESTUM PARVULUM	JUMPING SPIDER
G1	N	APHAOSTRACON THEIOCRENETUS	SULFUR SPRING APHAOSTRACON	U	N	LATRODECTUS BISHOPI	RED WIDOW SPIDER
G1	C2 N	APHAOSTRACON XYNOLICTUS	FENNEY SPRINGS APHAOSTRACON	U	C2 N	LYCOSA ERICETICOLA	ROSEMARY WOLF SPIDER
G1	C2 N	CINCINNATIA HELIUCYRA	HELICOID SPRING SNAIL	U	C2 N	SOSIPIPPUS PLACIDUS	LAKE PLACID FUNNEL WOLF SPIDER
G1	C2 M	CINCINNATIA MICA	SAND GRAIN SNAIL	U	N	SPHODROS ABBOTI	PURSE-WEB SPIDER
G1	C2 N	CINCINNATIA MONROENSIS	ENTERPRISE SPRING SNAIL	U	N	UMMIDIA SP 1	
G1	C2 N	CINCINNATIA PARVA	BLUE SPRING SNAIL	MALACOSTRACA: DECAPODA			
G1	C2 N	CINCINNATIA PONDEROSA	PONDEROSA SPRING SNAIL	G4	S3S4	ARATUS PISONII	MANGROVE CRAB
G1	C2 M	CINCINNATIA VANHYNINGI	SEKINOLE SPRING SNAIL	G2	S2	CAMBARUS CRYPTODYTES	DOUGHERTY PLAIN CAVE CRAWFISH
G1	C2 M	CINCINNATIA WEKIWAE	WEKIWA SPRING SNAIL				
U	N	DRYNAEUS MULTILINEATUS FORM LATZONATUS	WIDE-BANDED FOREST SNAIL				
U	N	ELIMIA ALBANYENSIS					
G2	N	ELIMIA CLENCHI	CLENCH'S ELIMIA				

FLORIDA NATURAL AREAS INVENTORY

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SPECIAL INVERTEBRATES LIST

GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME	GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME
U	N	COLPOCEPHALUM OCCIDENTALIS	MALLOPHAGA	U	C2 N	ATAENIUS WOODRUFFI	WOODRUFF'S ATAENIUS DUNG BEETLE
U	N	COLPOCEPHALUM POLYBURI	MALLOPHAGA	U	N N	BOLBOCEROSOMA HAMATUM	SCARAB BEETLE
U	N	COLPOCEPHALUM SCALARIFORME	MALLOPHAGA	U	C2 N	COPRIS COPHERI	COPRIS TORTOISE COMMENSAL SCARAB BEETLE
U	N	COLPOCEPHALUM SPINEUM	MALLOPHAGA	U	N N	COPRIS HOWDENI	SCARAB BEETLE
U	N	CRASPEDORRHYNCHUS HALIETI	MALLOPHAGA	U	N N	COTINIS SP 1	SCARAB BEETLE
U	N	CRASPEDORRHYNCHUS OBSCURUS	MALLOPHAGA	U	N N	CREMASTHOCEITUS	SCARAB BEETLE
U	N	DEGEERIELLA DISCOCEPHALUS	MALLOPHAGA	U	C2 N	CYCLOCEPHALA MIAMIENSIS	MIAMI ROUNDHEAD SCARAB BEETLE
U	N	DEGEERIELLA RUFA CAKRUITHI	MALLOPHAGA	U	C2 N	DESHOPACHRIA CENCHRANIS	FIG SEED DIVING BEETLE
U	N	ESTHIOPATERUM BREVICEPHALUM	MALLOPHAGA	U	N N	DIPLOTAXIS RUFA	SCARAB BEETLE
U	N	FALCOLIPEURUS JOSEPHI	MALLOPHAGA	U	N N	EUCANTHUS ALUTACEUS	SCARAB BEETLE
U	N	FALCOLIPEURUS	MALLOPHAGA	U	C2 N	GRONOCARUS MULTISPINOSUS	SPINY FLORIDA SANDHILL SCARAB BEETLE
U	N	QUADRIGUTTATUS	MALLOPHAGA	U	N N	HYCOTRUPES FLORIDANA	FLORIDA INTERTIDAL FIREFLY
U	N	FELICOLA SP 1	MALLOPHAGA	U	N N	HYCOTRUPES CARTURICHTI	SCARAB BEETLE
U	N	FREGATIELLA AURIFASCIATA	MALLOPHAGA	U	N N	MYCOTRUPES GAIGEI	SCARAB BEETLE
U	N	GRUINENOPON CANADENSE	MALLOPHAGA	U	C2 N	MYCOTRUPES PEDESTER	SCRUB ISLAND BURROWING SCARAB BEETLE
U	N	HELEOMPHUS ASSIMILIS	MALLOPHAGA	U	C2 N	NICROPHORUS AMERICANUS	SCARAB BEETLE
U	N	KURODAILA HALIAEETI	MALLOPHAGA	U	N N	ONTHOPHAGUS ACICULATULUS	ONTHOPHAGUS TORTOISE COMMENSAL SCARAB BEETLE
U	N	NEOPHILOPTERUS HETEROPYGUS	MALLOPHAGA	U	C2 N	POLYPHEMI	ONTHOPHAGUS TORTOISE COMMENSAL SCARAB BEETLE
U	N	PECTINOPYGUS FREGATIPHAGUS	MALLOPHAGA	U	N N	ONTHOPHAGUS POLYPHEMI	ONTHOPHAGUS TORTOISE COMMENSAL SCARAB BEETLE
U	N	PECTINOPYGUS OCCIDENTALIS	MALLOPHAGA	U	N N	SPARSISETOSUS	SCARAB BEETLE
U	N	PIAGETIELLA BURSAEPELECANI	MALLOPHAGA	U	C2 N	PELTOTRUPES PROFUNDUS	OCALA BURROWING SCARAB BEETLE
U	N	QUADRACEPS AURATUS	MALLOPHAGA	U	C2 N	PELTOTRUPES YOUNGI	BEETLE
U	N	QUADRACEPS GIEBELI	MALLOPHAGA	U	C2 N	PHOTURIS BRUNNIPENNIS	EVERGLADES BROWNING FIREFLY
U	N	QUADRACEPS NYCTHMERUS	MALLOPHAGA	U	C2 N	PHOTURIS SP 1	TURTLE MOUND FIREFLY
U	N	SAEMUNDSSONIA HAEMATOPAI	MALLOPHAGA	U	N N	PHYLLOPHAGA ELIZORIA	SCARAB BEETLE
U	N	MELANOCEPHALUS	MALLOPHAGA	U	N N	PHYLLOPHAGA ELONGATA	SCARAB BEETLE
U	N	TRICHODECTES PINCUIJS	MALLOPHAGA	U	N N	PHYLLOPHAGA OKEECHOBEE	SCARAB BEETLE
U	N	EUARCTIDUS	MALLOPHAGA	U	N N	PHYLLOPHAGA OVALIS	SCARAB BEETLE
U	N			U	C2 N	PHYLLOPHAGA PANORPA	SCARAB BEETLE
U	N			U	C2 N	POLYLAMINA PUBESCENS	WOOLY GULF DUNE SCARAB BEETLE
U	N			U	N N	PSEUDATAENIUS WALTHERHORNII	SCARAB BEETLE
U	N	ACANTHOCENUS AENEUS	SCARAB BEETLE	U	N N	RUTELA FORMOSA	SCARAB BEETLE
U	C2 N	ANOMALA EXIGUA	EXIGUOUS ANOMALA SCARAB BEETLE	U	N N	SERICA DELICATA	SCARAB BEETLE
U	C2 N	ANOMALA EXIMIA	ARCHBOLD ANOMALA SCARAB BEETLE	U	C2 N	SERICA FROSTI	FROST'S SPRING SERICAN SCARAB BEETLE
U	N	ANOMALA FLAVIPENNIS	SCARAB BEETLE	U	N N	SERICA PUSILLA	SCARAB BEETLE
U	N	OKALOUSENSIS	SCARAB BEETLE	U	N N	SERICA RHYPHA	SCARAB BEETLE
U	N	ANOMALA ROBINSONI	SCARAB BEETLE	U	C2 N	SENICA FANTULA	TANTULA SERICAN SCARAB BEETLE
U	N	APHODIUS AEGROTUS	SCARAB BEETLE	U	C2 N	TRICONOPELTASTES FLORIDANA	SCRUB PALMETTO FLOWER SCARAB BEETLE
U	N	APHODIUS HALDEMANI	SCARAB BEETLE	U	C2 N	TROX HOWELLI	CARACARA COMMENSAL SCARAB BEETLE
U	N	APHODIUS LAEVIGATUS	SCARAB BEETLE				
U	C2 N	APHODIUS TROGLODYTES	APHODIUS TORTOISE COMMENSAL SCARAB BEETLE				
U	N	APHOTAEINIUS CAROLINUS	SCARAB BEETLE				
U	N	ATAENIUS BREVICOLLIS	SCARAB BEETLE				
U	N	ATAENIUS HAUMENENSIS	SCARAB BEETLE				
U	N	ATAENIUS RUELLEUS	SCARAB BEETLE				
U	N	ATAENIUS SARANARI	SCARAB BEETLE				
U	N	ATAENIUS SCIURUS	SCARAB BEETLE				
U	N	ATAENIUS STROHECKERI	SCARAB BEETLE				
U	C2 N	ATAENIUS SUPERFICIALIS	BIG PINE KEY ATAENIUS DUNG BEETLE				

INSECTA: COLEOPTERA

FLORIDA NATURAL AREAS INVENTORY
SPECIAL INVERTEBRATES LIST

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GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME	GLOBAL/STATE RANK	FED/ST STATUS	NAME	COMMON NAME
INSECTA: TRICHOPTERA							
U	N	AGARODES LIBALIS	SPRING-LOVING PSILONEURAN	U	C2	HEMIARGUS THOMASI	MIAMI BLUE BUTTERFLY
U	C2	AGARODES ZICZAC	CADDISFLY	U	N	BETHUNE-BAKERI	BAHAMAN SHALLOWTAIL
U	C2	CERACLEA FLORIDANA	ZIGZAG BLACKWATER RIVER	U	LE	HERACLIDES ARISTODEMUS	SCHAUS' SWALLOWTAIL
U	N	CERNOTINA TRUNCONA	CADDISFLY	U	3C	PONCEANUS	HESSEL'S HAIRSTREAK
U	N	CHEUMATOPSYCHE PETERSI	FLORIDA CERNOTINAN	U	N	MITOURA HESSELI	BUTTERFLY
U	N	CHIMARRA FLORIDA	PETERS' CHEUMATOPSYCHE	U	C2	PROSERPINUS CAUKAIE	CAURA SPHINX
U	N	HYDROPTILA BERNERI	CADDISFLY	U	C2	PYREFEKRA CEROMATICA	CEROMATIC NOCTUID MOTH
U	N	HYDROPTILA HOLSONAE	FLORIDIAN FINGER-NET	U	C2	STRYMON ACIS BARIKAMI	BARTRAM'S HAIRSTREAK
U	N	NETRICHIA ELEROBI	CADDISFLY	U	C2	ASAPHOBYIA FLORIDENSIS	FLORIDA ASAPHONYMIAN
U	C2	NETRICHIA PROUVUSTI	BERNER'S MICROCADDISFLY	U	C2	MERYCOMYIA BRUNNEA	TABANID FLY
U	N	OE CETIS DAYTONA	HOLSON'S MICROCADDISFLY	U	C2	MIXOGASTER DELONGI	BROWN MERYCOMYMIAN TABANID FLY
U	C2	OE CETIS PARVA	ELEROB'S MICROCADDISFLY	U	C2	NEHAPALPUS NEARCTICUS	DELONG'S MIXOGASTER FLOWER FLY
U	N	OE CETIS PRATELIA	PROVOST'S MICROCADDISFLY	U	C2		SUCARFOOT FLY
U	N	ORTHOTRICHIA CURTA	DAYTONA LONG-HORNED	INSECTA: DIPTERA			
U	N	ORTHOTRICHIA DENTATA	CADDISFLY	U	C2		
U	N	ORTHOTRICHIA INSTABILIS	BANKS' LITTLE SEIDDINE	U	C2		
U	C2	OXYETHIRA FLORIDA	CADDISFLY	U	C2		
U	N	OXYETHIRA NOVASOTA	LITTLE MEADOW LONG-HORNED	U	C2		
U	N	OXYETHIRA JANELLA	CADDISFLY	U	C2		
U	N	TRIAENODES FLORIDA	LITTLE-ENTRANCE	U	C2		
U	N	TRIAENODES FURCELLA	FLORIDIAN TRIAENODE	U	C2		
U	C2	TRIAENODES TRIBONTA	CADDISFLY	U	C2		
U	N	ANAEA FLORIDALIS	LITTLE-FORK TRIAENODE	U	C2		
U	N	CHLOROSTRATHON MAESITES	CADDISFLY	U	C2		
U	N	MAESITES	THREE-TOOTH TRIAENODES	U	C2		
U	C2	EUMAEUS ATALA FLORIDA	CADDISFLY	U	C2		
U	N	EUNICA TATILA TATILISTA	THREE-TOOTH TRIAENODES	U	C2		
U	N	FLORIDA LEAFWING	CADDISFLY	U	C2		
U	N	MAESITES HAIRSTREAK		U	C2		
U	C2	FLORIDA ATALA		U	C2		
U	N	FLORIDA PURPLEWING		U	C2		

INSECTA: LEPIDOPTERA

U U C2 N ANAEA FLORIDALIS
U U N N CHLOROSTRATHON MAESITES
U S1 C2 N EUMAEUS ATALA FLORIDA
U U N N EUNICA TATILA TATILISTA

FLORIDA LEAFWING
MAESITES HAIRSTREAK
FLORIDA ATALA
FLORIDA PURPLEWING

FLORIDA NATURAL AREAS INVENTORY

NATURAL COMMUNITIES LIST

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GLOBAL RANK	STATE RANK	NAME	GLOBAL RANK	STATE RANK	NAME	GLOBAL RANK	STATE RANK	NAME
** TERRESTRIAL			** PALUSTRINE			** LACUSTRINE		
* XERIC UPLANDS			* FLOODPLAIN WETLANDS					
G3 S2		SCRUB	G4 S4		FLOODPLAIN FOREST	G3 S2		CLASTIC UPLAND LAKE
G4 S3		SANDHILL	G4 S4		FLOODPLAIN SWAMP	G4 S4		MARSH LAKE
G3 S2		XERIC HAMMOCK	G3 S3		FLOODPLAIN MARSH	G3 S2		SANDHILL UPLAND LAKE
G3 S3		SCRUBBY FLATWOODS	G4 S4		STRAND SWAMP	G4 S3		FLATWOODS/PRAIRIE LAKE
			G5 S5		SLOUGH	G4 S3		SWAMP LAKE
* MESIC FLATLANDS			G4 S3		SWALE	G2 S2		RIVER FLOODPLAIN LAKE
G5 S5		MESIC FLATWOODS	G4 S3		BOTTOMLAND FOREST	G2 S1		COASTAL DUNE LAKE
G4 S4		PRAIRIE HAMMOCK	G3 S3		FRESHWATER TIDAL SWAMP	G2 S1		COASTAL ROCKLAND LAKE
G2 S2		DRY PRAIRIE	G3 S3			G3 S3		SINKHOLE LAKE
* ROCKLANDS			* BASIN WETLANDS					
G2 S1		PINE ROCKLAND	G5 S5		DOME			
G3 S2		ROCKLAND HAMMOCK	G5 S5		DEPRESSION MARSH			
G3 S2		SINKHOLE	G4 S3		BASIN MARSH	** RIVERINE		
			G5 S4		BASIN SWAMP			
* MESIC UPLANDS			G4 S3		BOG	G4 S2		SEEPAGE STREAM
G5 S4		UPLAND PINE FOREST	* WET FLATLANDS			G4 S2		ALLUVIAL STREAM
G4 S4		UPLAND MIXED FOREST	G5 S4		WET PRAIRIE	G4 S2		BLACKWATER STREAM
G4 S3		UPLAND HARDWOOD FOREST	G4 S4		WET FLATWOODS	G4 S2		SPRING-RUN STREAM
G2 S1		UPLAND GLADE	G4 S3		MARL PRAIRIE	G2 S2		
G3 S2		SLOPE FOREST	G4 S3		HYDRIC HAMMOCK			
G3 S2		BLUFF	* SEEPAGE WETLANDS			** SUBTERRANEAN		
			G4 S3		SEEPAGE SLOPE			
* COASTAL UPLANDS			G4 S4		BAYGALL	G3 S2		AQUATIC CAVE
G3 S1		COASTAL ROCK BARREN				G3 S1		TERRESTRIAL CAVE
G4 S3		BEACH DUNE						
G3 S3		COASTAL STRAND						
G4 S3		MARITIME HAMMOCK						
G3 S2		COASTAL BERM						
G3 S3		OVERWASH PLAIN						
G3 S3		SHELL MOUND						

FLORIDA NATURAL AREAS INVENTORY

NATURAL COMMUNITIES LIST

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GLOBAL RANK	STATE RANK	NAME	GLOBAL RANK	STATE RANK	NAME
** MARINE			** ESTUARINE		
* FAUNAL BASED			* FAUNAL BASED		
G2 S1		MARINE OCTOCORAL BED	G2 S1		ESTUARINE OCTOCORAL BED
G2 S2		MARINE SPONGE BED	G2 S2		ESTUARINE SPONGE BED
G2 S1		MARINE CORAL REEF	G2 S1		ESTUARINE CORAL REEF
G3 S3		MARINE MOLLUSK REEF	G3 S3		ESTUARINE MOLLUSK REEF
G1 S1		MARINE WORM REEF	G1 S1		ESTUARINE WORM REEF
* FLORAL BASED			* FLORAL BASED		
G4 S4		MARINE TIDAL MARSH	G4 S4		ESTUARINE TIDAL MARSH
G3 S3		MARINE TIDAL SWAMP	G3 S3		ESTUARINE TIDAL SWAMP
G3 S2		MARINE ALGAL BED	G3 S2		ESTUARINE ALGAL BED
G2 S2		MARINE GRASS BED	G2 S2		ESTUARINE GRASS BED
* MINERAL BASED			* MINERAL BASED		
G3 S3		MARINE CONSOLIDATED SUBSTRATE	G3 S3		ESTUARINE CONSOLIDATED SUBSTRATE
G5 S5		MARINE UNCONSOLIDATED SUBSTRATE	G5 S5		ESTUARINE UNCONSOLIDATED SUBSTRATE
G3 S3		MARINE COMPOSITE SUBSTRATE	G3 S3		ESTUARINE COMPOSITE SUBSTRATE

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 seagrass 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.

FLORIDA NATURAL COMMUNITIES

Palustrine

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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 trogloneic, 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 limestone 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., sheepwool 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., mussels, oysters, & worm shells), octocorals, sponges, stony corals, macrophytic algae and seagrasses sparse, if present.

Horn 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, needlegrass, 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 - Persa 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 - Iypha 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 barbatum
- 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
- pickeral 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. chapmani, Q. myrtifolia, Q. inopina
- sea oats - Uniola paniculata
- seagrape - Coccoloba uvifera
- shortleaf pine - Pinus echinata
- Shumard oak - Quercus shumardii
- slash pine - Pinus elliotii
- 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 tulipifera
- 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

Explanation Sheet for Element Occurrence Records

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: PDLAM0D040.030 10/03/88
 name: CONRADINA GRANDIFLORA
 comname: LARGE-FLOWERED ROSEMARY
 margnum: 50 tenten: 2,10 ident: Y eorank:
 eorankcomm:
 surveydate: 1988-05-04
 lastobs: 1988-05-04 firstobs: 1988
 grank: G3 srank: S3
 countyname: FLMART state: FL
 quadcode: 2708011 precision: SC
 quadname: HOBE SOUND
 lat: 270027 long: 800604
 s: 0 n: 0
 e: 0 w: 0
 townrange: 040S042E section: 12
 trscomm: meridian: TA
 physprov: AL watershed: 03090202
 directions: WATER CO. LAND AT "WHITE HOUSE," E. OF US-1, 0.2
 MI N. OF ENTRANCE TO JONATHAN DICKINSON ST. PK.

gendesc: SAND PINE SCRUB

elev: 25 size: 0
 eodata: FREQUENT SHRUB ALONG PATHS AND IN OPENINGS IN WHITE
 SAND SCRUB. (NOT FLOWERING).

comments:

macode1: contained1:
 macode2: contained2:
 macode3: contained3:
 addlmas: moreland:
 moreprot: moremgmt:
 sitecode:
 sitename:
 owner: HOBE SOUND WATER CO.-NAT REED
 ownercomm:
 protcomm: DUE TO BE TRANSFERED TO HOBE SOUND NWR -- P88MAR02.
 mgmtcomm:
 monitor: monitornum:
 bestsource: JOHNSON, ANN F. 1988. FIELD SURVEY FOR
 ASIMINA TETRAMERA -- HOBE SOUND NWR-SOUTH,
 MARTIN CO., FL. 4 MAY 1988.
 sourcecode: F88JOH05FL P88MAR02FL
 datasens: boundaries:
 photos: ownerinfo:
 transcribr: 88-05-22 AFJ cdrev: Y
 mapper: 88-05-22 AFJ qc: Y
 update: 88-06-24 KK

FLORIDA NATURAL AREAS INVENTORY - ELEMENT OCCURRENCE RECORD

eocode: CTX0000000.003 10/11/88
 name: COASTAL GRASSLAND
 comname:
 margnum: 5 tenten: 3, 6 ident: Y eorank: A
 eorankcomm: LARGE UNDISTURBED EXAMPLE
 surveydate: 1987-11-22
 lastobs: 1987-11-22 firstobs: 1987
 grank: G2 srank: S2
 countyname: FLBAYX state: FL
 quadcode: 3008515 precision: SC
 quadname: LONG POINT
 lat: 300305 long: 853520
 s: 300221 n: 300334
 e: 854350 w: 853555
 townrange: 005S013W section: 18
 trscomm: ALSO SEC19;R13WSEC12 meridian: TA
 physprov: GL watershed: 03140101
 directions: TYNDALL AIR FORCE BASE NCO BEACH. 1.7 MI E. (ALONG
 SHORE) OF WHERE BOARDWALK REACHES BEACH

gendesc: ELONGATED RIDGES AND SWALES IN AREA OF BEACH BUILT
 SINCE 1975

elev: 5 size: 180
 eodata: DOMINANT SPECIES IN SWALES: ANDROPOGON GYRANS VAR TEN-
 UIS, ANDROPOGON VIRGINICUS, ERAGROSTIS ELLIOTTII, FUI-
 RENA SCIRPOIDES, FIMBRISTYLIS CAROLINIANA; ON RIDGES:
 SCHIZACHYRIUM MARITIMUM, UNIOLA PANICULATA, PARONYCHIA
 ERECTA.

comments: COMMUNITY SAMPLED IN TRANSECTS NCO-1 AND NCO-2
 (P87JOH01FL).

macode1: FLFAFABTYND1 contained1: Y
 macode2: contained2:
 macode3: contained3:
 addlmas: moreland:
 moreprot: moremgmt:
 sitecode:
 sitename: TYNDALL AIR FORCE BASE
 owner: DOD - U.S. AIR FORCE
 ownercomm:
 protcomm: NO 4-WHEEL DRIVE VEHICLES ALLOWED ON BEACH EXCEPT NATURALIST
 mgmtcomm:
 monitor: JOE MAPLES PNDMAP02FL monitornum: 904 874-0160
 bestsource: JOHNSON, A.F. 1987 FIELD NOTES ON TRIP TO NCO
 BEACH, TYNDALL A.F.B., BAY CO., FL 22 NOV 1987
 sourcecode: P87JOH01FL
 datasens: boundaries: Y
 photos: ownerinfo: Y
 transcribr: 88-08-06 AFJ cdrev: Y
 mapper: 88-08-06 AFJ qc: Y
 update: 88-09-29 AFJ

FLORIDA NATURAL AREAS INVENTORY. - ELEMENT OCCURRENCE RECORD

eocode: ABPAV06014.365 09/29/88
 name: APHELOCOMA COERULESCENS COERULESCENS
 comname: FLORIDA SCRUB JAY
 margnum: 12 tenten: 8,10 ident: Y eorank:
 eorankcomm:
 surveydate:
 lastobs: 1986- firstobs: 1972
 grank: G5T3 srank: S3
 countyname: FLBREV state: FL
 quadcode: 2808015 2708085 precision: M
 quadname: MELBOURNE EAST, GRANT
 lat: 280008 long: 803141
 s: 0 n: 0
 e: 0 w: 0
 townrange: 028S038E section: 34
 trscomm: ADJACENT TO SEC. 33 meridian: TA
 physprov: AL watershed: 03080202
 directions: WALT DISNEY WORLD MIDDLE TRACT: [JUST S. OF
 COCONUT PT.] SEE ATTACHED MAP.

gendesc: COASTAL STRAND

elev: 10 size: 0
 eodata: RESIDENT SCRUB JAYS HAVE BEEN OBSERVED ON THE DISNEY
 MIDDLE TRACT FROM 1972-1986 BY HARDEN.

comments: EXTENT OF EO NEEDS TO BE DETERMINED ON DISNEY
 MIDDLE TRACT

macode1: contained1:
 macode2: contained2:
 macode3: contained3:
 addlmas: moreland:
 moreprot: moremgmt:
 sitecode:
 sitename: WALT DISNEY WORLD MIDDLE TRACT
 owner: WALT DISNEY WORLD COMPANY
 ownercomm:
 protcomm:
 mgmtcomm: MAINTAIN HABITAT SUITABILITY
 monitor: monitornum:
 bestsource: HARDEN, PATRICIA, G. ENVIRONMENTAL PROTEC-
 TION, REEDY CREEK IMPROVEMENT DISTRICT, P.O.
 BOX 36, LAKE BUENA VISTA, FL 32830.
 sourcecode: PNDHAR03FL U86HAR02FL
 datasens: boundaries:
 photos: ownerinfo:
 transcribr: 87-11-13 TAM cdrev: Y
 mapper: 88-01-27 HS qc: Y
 update: 88-03-16 KK

Appendix C. Community Characterization Abstract for Coastal Grassland.

ELCODE: CTX0000000
SNAME: COASTAL GRASSLAND

STATE: FL

IDCOMMENT: Includes community formerly called "overwash plain".

SAFSYN: None

KUCHSYN: Included in Live oak-Sea oats

USFWSSYN: N/A

CROSSWALK: Davis - included in Coastal Strand; SCS - included in North and South Florida Coastal Strand

OTHERSYN: FNAI=overwash plain, Clewell (1981)=dune prairies, overwash prairies; Harper(1927)=dry savannah; Herwitz (1977)

TAXCOMMENT: and Morrill and Harvey (1980)=savannah; Cooley (1955)=grassland and prairie. Recognized in local and regional treatments of Florida communities.

PHYSIOGNOM: Grasslands +/- scattered islands of shrubs or trees.

BIODESC: Grasslands occupying the undulating ridge-swale topography of broad, low barrier islands and capes. Includes several grasses endemic to the coast, e.g. *Schizachyrium maritimum* and *Eragrostis tracyi*.

ENVIRODESC: Found inland of sea oats foredune on low undulating topography. Substrate is quartz sand plus shell fragments on the peninsula; pure quartz sand on the panhandle. Swales are inundated after rains or high storm tides.

OTHFEATURE: Grades into shrubs and trees inland. Successional status requires study. Often found on recently deposited portions of barrier islands or those portions recently denuded by storm overwash.

DOMINSP: Ridges: *Schizachyrium maritimum*, *S. semiberbe*, *S. scoparium*, *Bouteloua hirsuta*, *Spartina patens*. Swales: *Muhlenbergia capillaris*, *Andropogon virginicus*, *A. gyrans*, *A. glomeratus*, *Chloris petraea*, *Eragrostis spectabilis*, *Distichlis spicata*

OTHERSP1: Ridges: *Paronychia erecta*, *Oenothera humifusa*, *Physalis angustifolia*, *P. elliotii* var *viscosa*, *Chrysopsis godfreyi*, *Aristida patula*, *Trichostema dichotomum*, *Heterotheca subaxillaris*, *Opuntia compressa*, *O. pusilla*.

OTHERSP2: Swales: *Spartina spartinae*, *Sabatia stellaris*, *Hydrocotyle bonariensis*. Islands of woody species: *Smilax auriculata*, *Myrica cerifera*, *Sabal palmetto*, *Piscidia piscipula*, *Suriana maritima*, *Dodonea viscosa*, *Pithecellobium keyense*.

EOEXAMPLES: Crooked Island, Tyndall A.F.B.-006; Cape Canaveral- 012; Cape Romano- 014; Cape Sable, ENP-013.

EOSPLISTS: 003 through 016

EOPLOTDATA: P88JOH01FL -transects at Crooked Island, Bay County

DSTCOMMENT: Ranges from VA to MISS. Grasses found throughout range include: *Muhlenbergia capillaris*, *Spartina patens*, *Andropogon glomeratus*.

SOURCES: PNDJOH01 (Johnson, 1985-6, field notes), B27HAR01, A55CO001, B77HER01, B80MOR01, U78CLE01.

CCAAUTHOR: Ann F. Johnson

UPDATE: 88-09-21

**Community Characterization Abstract
Field Explanations**

ELCODE: 10 byte code unique to each element
SNAME: name of element used in the state
STATE: Florida
IDCOMM: comments on any of the above identifiers
SAFSYN: SAF synonym; Soc. Am. Foresters (SAF) forest cover type or types which most closely match this community; include # and name
KUCHSYN: Kuchler synonym; Kuchler potential natural vegetation type or types which match or include this community
USFWSSYN: USFWS synonym; Cowardin's wetland type or types (adopted by U.S. Fish & Wildlife Service) which most closely match this community
CROSSWALK: name for same or similar community in other states with two letter state abbreviation in parentheses
OTHERSYN: other synonyms; other published names for the community, with sources
TAXCOM: comments on any of the above taxonomic fields
PHYSIOGNOM: physiognomy of community; forest, shrubland, grassland, savanna, barren and so forth
BIODESC: general description of the biotic aspects of the community including any diagnostic features within stand and between stand variations and so forth
ENVIRODESC: general description of the important environmental features of the community including geologic, climatic, and topographic factors
OTHFEATURE: other diagnostic features which are important in defining or describing the community or which distinguish it from other similar communities
DOMINSP: dominant plant or animal species; include plants in each layer
OTHERSP1: other important species in the community such as differential species, indicator species, constant species and so forth. Include the names of the groups of species.
OTHERSP2: additional important species within their group
EOEXAMPLES: exemplary element occurrences of the community. Use 3 digit element occurrence code suffix and name of site.
EOSPLISTS: 3 digit element occurrence code suffixes for element occurrences of this community for which species lists have been generated
EOPLOTDATA: 3 digit element occurrence code suffixes for element occurrences of this community for which quantitative data has been collected within plots
DSTCOMMENT: distribution comments; range of community within the state plus information on its range outside the state
SOURCES: source codes for best references on the community. optional: authors last name and year of publication.
CCAAUTHOR: last name of author of this Community Characterization Abstract
UPDATE: date that this record was created or updated

Appendix D. Coastal Zone Management-supported FNAI staff.

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

Coastal Zoology - Patricia A. MacLaren
John Palis (replaced P. MacLaren)

Research Assistant/Data Handler - Steve Jones

Research Assistant/Data Handler (half time) - Helen A. Shapiro
Susan Carr (replaced H. Shapiro)

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

Alphabetical list of coastal counties of Florida:

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

(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.)

September 29, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCON 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	N	1
PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G5T3?	S7	C2	LS	2
<u>BIRDS</u>						
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	2
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	1
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	1
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4	N	N	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	4
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	2
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	3
<u>MAMMALS</u>						
PEROMYSCUS POLIOTOTUS ALLOPHRYS	CHOCTAHATCHEE BEACH MOUSE	G5T1	S1	LE	LE	1
URSIUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
<u>SPECIAL PLANTS</u>						
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	2
CALAMINTHA DENTATA	TOOTHED SAVORY	G3	S3	C2	N	3
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER	G2	S2	N	N	7
HEDEOMA GRAVEOLENS	MOCK PENNYROYAL	G2	S2	C1	LE	7
HELICANTHEMUM ARENICOLOA	GULF ROCKROSE	G3G4	S3	N	N	1

September 29, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS (cont.)</u>						
HYPERICUM LISSOPHLOEUS	SMOOTH-BARKED ST. JOHN'S-WORT	G2	S2	C2	LE	2
ILLICIUM FLORIDANUM	FLORIDA ANISE	G5	S3	N	LT	2
KALMIA LATIFOLIA	MOUNTAIN LAUREL	G5	S3	N	LT	2
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	13
MACRIDEA ALBA	WHITE BIRDS-IN-A-NEST	G1	S1	C2	LE	3
MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA	G4	S2	N	LE	3
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERWORT	G2	S2	C2	RE	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	RE	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTNEED	G2	S2	C1	LT	8
RHEXIA SALICIFOLIA	PANHANDLE MEADOWBEAUTY	G2	S2	C2	N	3
RUDBECKIA NITIDA	ST. JOHN'S-SUSAN	G3	S1	C2	LE	1
STEMMARTIA MALACODENDRON	SILKY CAMELLIA	G4	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
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH		G4	S4			2
SANDHILL UPLAND LAKE		G3	S2			4
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
BEACH DUNE		G4	S3			3
COASTAL STRAND	TEMPERATE COASTAL STRAND -- PANHANDLE	G3	S2			1

September 29, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES (cont.)</u>						
MESIC FLATWOODS	INSULAR SLASH PINE FLATWOODS	65	S5			2
SANDHILL		64	S3			1
SCRUB	SAND PINE SCRUB	63	S2			3
SLOPE FOREST		63	S2			3
STRAND	STRAND-PANHANDLE	63	S2			1
<u>OTHER</u>						
BIRD ROOKERY						2

Total items 54
Total records tallied 131

September 29, 1988

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
<u>REPTILES</u>						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
CHELONIA MYDAS	GREEN TURTLE	G3	S2	LE	LE	2
DRYMARCHON CORAISI 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	N	1
SCOLOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
<u>BIRDS</u>						
AJATA AJAJA	ROSEATE SPOONBILL	G5	S2S3	N	LS	2
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	33
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	8
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	7
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	6
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	8
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	7
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	19
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4	N	N	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	4
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	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	N	4
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	2
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	1

September 29, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	SRANK	FED STATUS	STATE STATUS	Count
<u>MAMMALS</u>					
PEROMYSCUS POLIOMIOTUS NIVEIVENTRIS	SOUTHEASTERN BEACH MOUSE	G5T1 S1	C2	N	3
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2? S2?	LE	LE	1
<u>SPECIAL PLANTS</u>					
CEREUS GRACILIS	PRICKLY-APPLE	G2G3 S2S3	C2	LE	7
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2 S2	C2	N	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3 S3	C2	RE	1
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2 S2	C2	RE	11
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1 S1	C1	RE	2
LECHEA CERNUA	NODDING PINWEED	G3 S3	C2	RE	1
RHYNCHOSTIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3 S3	C2	N	4
SOPHORA TOMENTOSA	NECKLACE POD	G4 S3	N	N	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4 S3	N	LE	2
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1G2 S1S2	C2	RE	3
NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2 S2	C2	LE	1
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G2 S2	C2	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3 S1	3C	LE	3
<u>NATURAL COMMUNITIES</u>					
WET FLATWOODS		G4 S4			1
COASTAL STRAND		G3 S3			6
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4 S3			4
SCRUB	OAK SCRUB	G3 S2			13
SCRUBBY FLATWOODS		G3 S3			9

September 29, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
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OTHER

BIRD ROOKERY

1

Total items	46
Total records tallied	200

October 4, 1988

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
<u>REPTILES</u>						
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
<u>SPECIAL PLANTS</u>						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G3	S3	N	LE	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	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	RE	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	2
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
REKIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	2
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G4	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

October 4, 1988

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
<u>NATURAL COMMUNITIES</u>						
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			1
ROCKLAND HAMMOCK		G3	S2			1
SCRUB		G3	S2			1

Total items 26
Total records tallied 42

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>FISHES</u>						
ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON	G3	S2	C2	LS	1
<u>REPTILES</u>						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	1
GOPHERUS POLYPHENUS	GOPHER TORTOISE	G2	S2	C2	LS	7
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	4
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	8
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	16
MYCTERTIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	8
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	7
<u>MAMMALS</u>						
EUMOPS GLAUCINUS FLORIDANUS	FLORIDA MASTIFF BAT	G5?T2?	S2?	C2	N	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	3

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	G263	S2S3	C2	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>							
CEREUS GRACILIS	PRICKLY-APPLE	G263	S2S3	C2		LE	1
DEERINGOTHAMNUS PULCHELLUS	BEAUTIFUL PAMPAS	G1	S1	LE		LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N		LT	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N		N	2
<u>NATURAL COMMUNITIES</u>							
ESTUARINE TIDAL SWAMP		G3	S3				1
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3				1
SCRUB	OAK SCRUB	G3	S2				1
SCRUBBY FLATWOODS		G3	S3				3
<u>OTHER</u>							
BIRD ROOKERY							8
Total items							25
Total records tallied							84

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
DRYMARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	6
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
STILOSONA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	3
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	6
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	5
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	3
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	4
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	5
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	3
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	11
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	2
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	5
<u>MAMMALS</u>						
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL	G5T2	S2	C2	LS	1
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	5
<u>INVERTEBRATES</u>						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS LUCIFIGUS	LIGHT-FLEEING CAVE CRAYFISH	G3	S3	N	N	1
TROGLOCAMBARUS MACLANEI	MCCLANE'S CAVE CRAYFISH	G2	S2	N	N	1
CINCINNATIA HELICOGYRA	HELICOID SPRING SNAIL	G1	S1	C2	N	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	COUNT
<u>SPECIAL PLANTS</u>						
AGRIMONIA INCISA	INCISED GROOVE-BUR	G3	S2	C2	N	1
CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA	G2?	S1S3	3C	N	1
CHIONANTHUS PYGMAEUS	PYGHY FRINGE-TREE	G2	S2	LE	LE	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	1
PHARUS PARVIFOLIUS	CREEPING-LEAF STALKGRASS	G?	SH	N	N	1
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
SPIRANTHES POLYANTHA	GREEN LADIES-TRESSES	G1G3	S1S2	C2	LE	2
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?	S3	N	(LT)	1

NATURAL COMMUNITIES

SANDHILL UPLAND LAKE		G3	S2			1
MARINE TIDAL MARSH		G3	S3			4
MARINE TIDAL SWAMP		G3	S3			1
BASIN MARSH		G4	S3			1
HYDRIC HAMMOCK		G4	S3			2
AQUATIC CAVE		G3	S2			1
TERRESTRIAL CAVE		G3	S1			6
ROCKLAND HAMMOCK		G3	S2			1
SANDHILL		G4	S3			2
SCRUB		G3	S2			8
SHELL MOUND		G3	S3			2
SINKHOLE		G3	S2			1
XERIC HAMMOCK		G3	S2			2
	SAND PINE SCRUB/OAK SCRUB					1
	MATURE SCRUB HAMMOCK					2

OTHER

BIRD ROOKERY						6
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Total Items 46
 Total records tallied 120

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
DRYMARCON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4 T3	S3	LT	LT	12
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	8
SCOLOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	1
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5 T3	S3	LT	LT	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	11
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4 ?	S2	C2	LT	1
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	1
COCCYZUS MINOR	MANGROVE CUCKOO	G5	S3	N	N	1
DENDROICA DISCOLOR PALLUDICOLA	FLORIDA PRAIRIE WARBLER	G5 T3	S3	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	12
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	6
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	6
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
HALIAETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2 S3	LE	LT	15
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
PANDION HALIAETUS	OSPREY	G5	S3 S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	10
PICOIDES VILLOSIUS	Hairy WOODPECKER	G5	S3 ?	N	N	1
PLEGADIS FALCINELLUS	GLOSSY IBIS	G5	S2	N	N	1
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	2
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	2
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	2
VIREO ALTILOQUIUS	BLACK-WHISKERED VIREO	G5	S3	N	N	2

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>MAMMALS</u>						
FELIS CONCOLOR CORYI	FLORIDA PANTHER	G4T1	S1	LE	LE	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	8
<u>SPECIAL PLANTS</u>						
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 SCALYSYSTEM	G2G4T2	S2	C2	N	2
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	3
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T2	S2	C1	N	2
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2*	S2	C2	RE	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	1
GOSSYPIUM HIRSUTUM	WILD COTTON	G4G5	S3?	N	LE	3
JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA	G2	S2	C2	LE	1
LECHEA CERNUA	NODDING PINWEEED	G3	S3	C2	RE	1
LECHEA LAKELAE	LAKELA'S PINWEEED	G1	S1	C2	N	1
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	RE	2
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	2
PEPEROMIA GLABELLA	CYPRESS PEPEROMIA	G?	S1	N	LE	1
PERSEA HUMILIS	SCRUB BAY	G4	S3	3C	N	1
RHYNCHOSTIA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	6
CAMPYLOCENTRUM PACHYRRHIZUM	LEAFLESS ORCHID	G?	S1	N	LE	2
CATOPSIS NUTANS	NODDING CATOPSIS	G2G3	S1	N	(LT)	1
CYRTOPODIUM PUNCTATUM	COW-HORNED ORCHID	G?	S1	N	LE	4
EPIDENDRUM NOCTURNUM	NIGHT-SCENTED ORCHID	G?	S2	N	(LT)	1
GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD	G4G5	S1S2	N	LE	2
GYMNOGON FLORIDANUS	FLORIDA BEARDGRASS	GH	S2	C2	N	1
HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY	G2G4	S2S3	3C	N	7
IONOPSIS UTRICULARIODES	DELICATE IONOPSIS	G?	S2	N	LE	1
LEPANTHOPSIS MELANANTHA	TINY ORCHID	G1G3	S1	C2	LE	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS (cont.)</u>						
POLYRRHIZA LINDENII	GHOST ORCHID	G7	S2	N	LE	4
ROYSTONIA ELATA	FLORIDA ROYAL PALM	G20	S2	C1	LE	2
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G4	S3	N	LT	14
TILLANDSIA PRUINOSA	FUZZY-WUZZY AIR-PLANT	G3	S1	N	LE	5
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	7
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G7	S2	N	LE	1
ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT	G7	S1	N	LE	4
CAMPYLONEURUM ANGUSTIFOLIUM	NARROW-LEAVED STRAP FERN	G7	S1	N	LE	1
CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G7	S3	N	(LT)	1
HUPERZIA DICHOTOMA	HANGING CLUBMOSS	G2	S1	N	LE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G103	S1	3C	LE	2
<u>NATURAL COMMUNITIES</u>						
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
HYDRIC HAMMOCK		G4	S3			1
MARL PRAIRIE		G4	S3			2
SLOUGH	^POND APPLE/POP ASH SLOUGH^, ^LETTUCE LAKE^,	G5	S5			1
STRAND SWAMP		G4	S4			3
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			2
COASTAL STRAND		G3	S3			5
MARITIME HAMMOCK	^CACTUS HAMMOCK^ ? SEE COMMENT	G4	S3			35
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			1
MESIC FLATWOODS	^SLASH PINE/PALMETTO FLATWOODS^	G5	S5			1
PINE ROCKLAND	BIG CYPRESS PINE ROCKLAND	G2	S1			1
PRAIRIE HAMMOCK		G4	S4			1
ROCKLAND HAMMOCK		G3	S2			3

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES (cont.)</u>						
SCRUB	OAK SCRUB; PALMETTO SCRUB	G3	S2			25
SCRUBBY FLATWOODS		G3	S3			1
SHELL MOUND		G3	S3			14
<u>OTHER</u>						
BIRD ROOKERY						16

Total items 87
Total records tallied 335

October 4, 1988

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
<u>FISHES</u>						
GOBIONELLUS STIGMATUREUS	SPOTTAIL GOBY	G4	S3?	N	N	1
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LISA	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	HANKSBILL	G3?	S1	LE	LE	1
GOPHERUS POLYPHENUS	GOPHER TORTOISE	G2	S2	C2	LS	3
TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE	G1G2Q	S1S2	C2	LT	6
<u>BIRDS</u>						
ARDEA HERODIAS OCCIDENTALIS	GREAT WHITE HERON	G5T2	S2	N	N	1
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	5
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	2
COCCYZUS MINOR	MANGROVE CUCKOO	G5	S3	N	N	1
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3	N	N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	4
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	4
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	4
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	3
FALCO COLUMBARTIUS	MERLIN	G4	SU	N	N	2
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	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	N	2

October 4, 1988

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
<u>BIRDS (cont.)</u>						
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	2
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	1
STERNA CASPIA	CASPIAN TERN	G5	S2?	N	N	1
STERNA MAXIMA	ROYAL TERN	G5	S3	N	N	1
STERNA SANDVICENSIS	SANDWICH TERN	G4	S2	N	N	1
VIREO ALTILOQUIUS	BLACK-WHISKERED VIREO	G5	S3	N	N	1
<u>INVERTEBRATES</u>						
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	N	1
EUMAEUS ATALA FLORIDA	FLORIDA ATALA	G?	S1	C2	N	2
<u>SPECIAL PLANTS</u>						
AMORPHA CRENULATA	CRENULATE LEAD-PLANT	G1	S1	LE	LE	3
AMYRIS BALSAMIFERA	BALSAM TORCHWOOD	G3G4	S2	N	N	2
ARGYHAMNIA BLODGETTII	BLODGETT'S WILD-MERCURY	G2	S2	C2	RE	8
BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK	G?	S1	N	RE	9
BRICKELLIA MOSTIERI	FLORIDA THOROUGHWORT	G1G2	S1S2	C2	RE	2
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE	G2?T2	S2	LE	LE	18
CHAMAESYCE GARBERI	GARBER'S SPURGE	G1	S1	LT	LE	4
CHAMAESYCE PORTERIANA VAR PORTERIANA	PORTER'S BROAD-LEAVED SPURGE	G2T2	S2	C1	RE	2

October 4, 1988

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
SPECIAL PLANTS (cont.)						
COLUBRINA CUBENSIS	CUBAN SNAKE-BARK	G?	S1S2	N	N	4
CROSSOPETALUM ILICIFOLIUM	CHRISTMAS BERRY	G?	S2	N	N	27
CUCURBITA OKEECHOBEEENSIS	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
EUGENIA RHOMBEA	RED STOPPER	G?	S1	N	LE	1
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T2	S2	C1	N	16
GALACTIA PINETORUM	PINELAND MILK-PEA	G2	S2	C2	N	6
GALACTIA SMALLII	SMALL'S MILKPEA	G1	S1	LE	LE	2
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	RE	5
GUAIACUM SANCTUM	LIGNUM-VITAE	G4G5	S2	N	LE	4
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5T2	S2	C1	N	1
HIPPOMANE MANCINELLA	MANCHINEEL	G3G4	S2	N	LT	1
HYPELATE TRIFOLIATA	INKWOOD	G2	S1	N	LT	1
ILEX KRUGIANA	KRUG'S HOLLY	G?	S2	N	LTRE	16
JACQUEMONTIA CURTISSII	PINELAND JACQUEMONTIA	G2	S2	C2	LE	25
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	1
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	6
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	RE	1
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	RE	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 VAR FLORIDANUS	FLORIDA FIVE-PETALED LEAF-FLOWER	G?	S?	N	N	25
POLYGALA BOYKINII VAR SPARSIFOLIA	BOYKIN'S FEW-LEAVED MILKWORT	G4T2	S2	C2	N	1
POLYGALA SMALLII	TINY POLYGALA	G1	S1	LE	LE	4
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOOUTBEAN	G3	S3	C2	N	5
SACHSIA BAHAMENSIS	BAHAMA SACHSIA	G2	S1	N	LE	8

October 4, 1988

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
<u>SPECIAL PLANTS (cont.)</u>						
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
STILLINGIA SYLVATICA SSP TENUIS	A QUEEN'S DELIGHT	G4G5T2	S2	C2	N	18
TETRAZYGIA BICOLOR	TETRAZYGIA	G3G5	S3	N	LT	31
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	2
TRAGIA SAXICOLA	PINELAND NOSEBURN	G2	S2	C2	RE	20
BRASSIA CAUDATA	SPIDER ORCHID	GU	SH	C2	(LT)	1
CATOPSIS BERTERONIANA	POWDERY CATOPSIS	G4	S1S2	N	LE	4
COCCOHRINAX ARGENTATA	SILVER PALM	G3G4	S3	N	LC	35
CYRTOPODIUM PUNCTATUM	COH-HORNED ORCHID	G?	S1	N	LE	1
DICHROMENA FLORIDENSIS	FLORIDA WHITE-TOP SEDGE	G?	S2	N	N	21
ELTROPECTRIS CALCARATA		G?	S1	N	LE	2
EPIDENDRUM NOCTURNUM	NIGHT-SCENTED ORCHID	G?	S2	N	(LT)	7
GUZMANIA MONOSTACHYA	FUCH'S BROMELIAD	G4G5	S1S2	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
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
SABAL MIAMIENSIS	MIAMI PALMETTO	G1?	S1	N	N	1
SACOILA LANCEOLATA VAR PALUDICOLA	A LADIES'-TRESSES	G4T1T2	S2	C2	(LT)	1
THRINAX MORRISII	BRITTLE THATCH PALM	G4G5	S3	N	LC	5
THRINAX RADIATA	FLORIDA THATCH PALM	G4G5	S2	N	LC	3
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G4	S3	N	LT	11
TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS	G2	S2	C1	RE	13
VANILLA BARBELLATA	WORM-VINE ORCHID	G?	S2	N	LE	1
ZEPHYRANTHES SIMPSONII	RAIN LILY	G2?	S2S3	3C	LE	1
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	2
ADIANTUM MELANOLEUCUM	FRAGRANT MAIDENHAIR FERN	G?	S1	N	LE	2
ASPLENIUM DENITATUM	SLENDER SPLEENWORT	G?	S1S2	N	(LT)	3
ASPLENIUM SERRATUM	BIRD'S NEST SPLEENWORT	G?	S1	N	LE	1
CAMPYLONEURUM ANGSTIFOLIUM	NARROW-LEAVED STRAP FERN	G?	S1	N	LE	1

October 4, 1988

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
<u>SPECIAL PLANTS (cont.)</u>						
TECTARIA CORTANDRIFOLIA	HATTIE BAUER HALBERD FERN	G2?	S1	N	LE	1
TECTARIA X AMESIANA	AMES HALBERD FERN	GH?Q	SH	C2	(LT)	1
<u>NATURAL COMMUNITIES</u>						
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			42
SHELL MOUND		G3	S3			2
SINKHOLE		G3	S2			1
<u>OTHER</u>						
GEOLOGICAL FEATURE	PETRIFIED MANGROVE REEF OF KEY BISCAYNE					1

Total items 121
Total records tallied 641

October 4, 1988

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
<u>FISHES</u>						
ACIPENSER OXYRHYNCHUS	ATLANTIC STURGEON	G3	S2	C2	LS	1
<u>REPTILES</u>						
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	N	3
<u>BIRDS</u>						
BUTEO BRACHYURUS	SHORT-TAILED HAWK	G4?	S3	N	N	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
<u>MAMMALS</u>						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
<u>SPECIAL PLANTS</u>						
ANEMONE BERLANDIERI	TEXAS ANEMONE	G3G5Q	S2	N	N	4
LEITNERIA FLORIDANA	CORKWOOD	G3G4	S3	3C	LT	1
PHYLLANTHUS LEIBMANNIANUS SSP PLATYLEPIS	PINE-WOOD DAINTIES	G3G5	S3	3C	LT	2

October 4, 1988

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
<u>NATURAL COMMUNITIES</u>						
SPRING-RUN STREAM		G2	S2			6
<u>OTHER</u>						
BIRD ROOKERY						2

Total items 16
Total records tallied 36

September 30, 1988

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
<u>AMPHIBIANS</u>						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	2
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CLEMmys GUTTATA	SPOTTED TURTLE	G5	S3?	N	N	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
<u>BIRDS</u>						
AMMODRAMUS MARITIMUS PELONOTUS	SNYRNA SEASIDE SPARROW	G4T2Q	S2?	C2	N	1
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	5
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	1
CISTOTHORUS PALUSTRIS GRISEUS	WORTHINGTON'S MARSH WREN	G5T3	S2	N	LS	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	2
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4	N	N	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	3
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1

September 30, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
SALPINGOSTYLIS COELESTINA	BARTRAM'S IXIA	G2	S2	C2	LTRE	2
SPIRANTHES POLYANTHA	GREEN LADIES-TRESSES	G1G3	S1S2	C2	LE	1
CHEILANTHES MICROPHYLLA	SOUTHERN LIP FERN	G7	S3	N	(LT)	1
<u>NATURAL COMMUNITIES</u>						
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 31

Total records tallied 57

October 4, 1988

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
<u>FISHES</u>						
AMMOCRYPTA ASPRELLA	CRYSTAL DARTER	G3	S1	C2	LT	1
ETHEOSTOMA HISTRIO	HARLEQUIN DARTER	G4	S1	N	LS	3
ETHEOSTOMA PROELIARE	CYPRESS DARTER	G5	S2	N	N	2
FUNDULUS JENKINSI	SALTMARSH TOPMINNOW	G3	S2	N	LS	1
HYBOGNATHUS HAYI	CYPRESS MINNOW	G5?	S2	N	N	3
HYBOPIS AESTIVALIS	SPECKLED CHUB	G5	S2	N	N	2
LEPISOSTEUS SPATULA	ALLIGATOR GAR	G5	S3	N	LS	1
MOXOSTOMA CARINATUM	RIVER REDHORSE	G4	S1	N	LS	2
PERCINA OUACHITAE	SADDLBACK DARTER	G5	S1	N	N	6
<u>AMPHIBIANS</u>						
AMBYSTOMA CINGULATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	1
DESMOGNATHUS MONTICOLA	SEAL SALAMANDER	G5	S1	N	N	1
<u>REPTILES</u>						
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	N	LS	1
MACROCLEMYS TEMMINGKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?	N	N	2
TRIONYX MUTICUS CALVATUS	GULF COAST SMOOTH SOFTSHELL	G5T4?	S2?	N	N	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>BIRDS</u>						
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
RALLUS LONGIROSTRIS SCOTTII	FLORIDA CLAPPER RAIL	G5T3?	S3?	N	N	1
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	1
STERNA MAXIMA	ROYAL TERN	G5	S3	N	N	1
STERNA SANDVICENSIS	SANDWICH TERN	G4	S2	N	N	1
<u>MAMMALS</u>						
MUSTELA VISON LUTENSIS	FLORIDA MINK	G5T3	S3	C2	N	1
PEROMYSCUS POLIOTOTUS TRISSYLLEPSIS	PERDIDO KEY BEACH MOUSE	G5T1	S1	LE	LE	1
<u>SPECIAL PLANTS</u>						
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER	G2	S2	N	N	12
CHRYSOPSIS GOSSYPIA SSP CRUISEANA	CRUISE'S GOLDEN ASTER	G3G5T2	S2	C1	LE	4
DROSER A INTERMEDIA	SPOON-LEAVED SUNDEW	G5	S3	N	LT	1
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S2	C1	LT	7
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT	G3G5	S3	C2	LE	5
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3	S2	C2	LE	1
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	1
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	5
PLATANThERA INTEGR A	YELLOW FRINGELESS ORCHID	G3G4	S3S4	3C	(LT)	1
XYRIS SCABRIFOLIA	HARPER'S YELLOW-EYED GRASS	G1G2Q	S1	C2	LT	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
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			2
ALLUVIAL STREAM		G4	S2			2
BEACH DUNE		G4	S3			1
SCRUB	SAND PINE SCRUB	G3	S2			3
SLOPE FOREST	BEECH/MAGNOLIA FOREST	G3	S2			2

Total items 50
Total records tallied 103

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYARCHON CORALIS COUPERI	EASTERN INDIGO SNAKE	G4 T3	S3	LT	LT	1
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5 T3	S3	LT	LT	2
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5 T3	S3	C2	LT*	1
<u>SPECIAL PLANTS</u>						
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	RE	2
HELIANTHUS CARNOSUS	LAKE-SIDE SUNFLOWER	G2	S2	C2	RE	1
PAVONIA SPINIFEX	YELLOW HIBISCUS	G4 G5	S2 S3	N	N	1
PHYCANTHEMUM FLORIDANUM	FLORIDA MOUNTAIN-MINT	G3	S3	3C	N	2
NEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2	S2	C2	LE	2
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH		G4	S4			1
MARINE CONSOLIDATED SUBSTRATE		G3	S3			1
FLOODPLAIN SWAMP	FLOODPLAIN CYPRESS/CABBAGE PALM	G4	S4			1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
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 18
Total records tallied 27

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LISA	LS	2
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAITS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
EUMECES ANTHRACINUS	COAL SKINK	G5	S3	N	N	2
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	4
GRAPTEMY'S BARBOURI	BARBOUR'S MAP TURTLE	G2	S2	C2	LS	1
MACROCLEMYS TENNINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?	N	N	5
<u>BIRDS</u>						
AMMODRAMUS MARITIMUS JUNCICOLUS	WAKULLA SEASIDE SPARROW	G4T2	S2	C2	LS	1
CASHERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	1
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	3
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	2
FALCO COLUMBARIUS	MERLIN	G4	SU	N	N	2
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	3
HAEMATOPIUS PALLIATUS	AMERICAN OYSTERCATCHER	G5	S3	N	LS	4
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	2
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4	N	N	3
LATERALLUS JAMAICENSIS	BLACK RAIL	G5	S3?	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	2
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
RYNCHOPUS NIGER	BLACK SKIMMER	G5	S3	N	N	3
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	2
STERNA CASPIA	CASPIAN TERN	G5	S2?	N	N	2
STERNA MAXIMA	ROYAL TERN	G5	S3	N	N	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
<u>SPECIAL PLANTS</u>						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	16
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	1
BAPTISIA SIMPLICIFOLIA	SCARE-WEED	G2G3	S2S3	C2	LT	24
CUPHEA ASPERA	TROPICAL WAXWEED	G2?	S2	C2	N	2
EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE	G1	S1	C2	RE	2
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	6
HEDEOMA GRAVEOLENS	HOCK PENNYROYAL	G2	S2	C1	LE	2
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
JUSTICIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW	G2?	S2	C2	RT	14
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	3
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	9
LYTHRUM CURTISII	CURTISS' LOOSESTRIFE	G1	S1	C2	RE	1
MACBRIDEA ALBA	WHITE BIRDS-IN-A-NEST	G1	S1	C2	LE	17
MYRIOPHYLLUM LAXUM	PIEDMONT WATER-WILFOIL	G2G3	S2S3	C2	N	5
PARNASSIA CAROLINIANA	CAROLINA GRASS-OF-PARNASSUS	G2	S1	C2	RE	25
PARNASSIA GRANDIFOLIA	LARGE-FLOWERED GRASS-OF-PARNASSUS	G2G3	S2	N	LE	2
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERMORT	G2	S2	C2	RE	3
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERMORT	G3?	S2	C2	RE	8
PITYOPSIS FLEXUOSA	BENT GOLDEN ASTER	G3	S3	C2	LE	2
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S2	C1	LT	2
RHEXIA PARVIFLORA	A MEADOWBEAUTY	G2	S2	C2	LE	4
SCUTELLARIA FLORIDANA	FLORIDA SKULLCAP	G1	S1	C2	RE	4
VERBESTINA CHAPMANII	CHAPMAN'S CROWNBIRD	G2	S2	C2	LT	17
ANDROPOGON ARCTATUS	PINE-WOODS BLUESTEM	G3	S3	3C	N	1
HARPEROCALLIS FLAVA	HARPER'S BEAUTY	G1	S1	LE	LE	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS (cont.)</u>						
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	29
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G2	S2	C2	LE	49
PLATANATHERA INTEGRAL	YELLOW FRINGELESS ORCHID	G3G4	S3S4	3C	(LT)	4
<u>NATURAL COMMUNITIES</u>						
ESTUARINE MOLLUSK REEF		G3	S3			3
ESTUARINE TIDAL MARSH		G4	S4			1
COASTAL DUNE LAKE		G2	S1			1
SWAMP LAKE		G4	S3			6
DEPRESSION MARSH		G5	S5			1
BLACKWATER STREAM		G4	S2			1
BEACH DUNE		G4	S3			4
COASTAL STRAND	PANHANDLE COASTAL STRAND	G3	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			6
BIRD ROOKERY						1

Total items 74
Total records tallied 358

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L7SA	LS	2
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
EUMECES ANTHRACINUS	COAL SKINK	G5	S3	N	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	N	1
<u>BIRDS</u>						
ACCIPITER COOPERII	COOPER'S HAWK	G4	S3?	N	N	1
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	1
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	1
FALCO COLUMBARIUS	MERLIN	G4	SU	N	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	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES VILLOSI	Hairy WOODPECKER	G5	S3?	N	N	1
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	1
STERNA MAXIMA	ROYAL TERN	G5	S3	N	N	1
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	2

October 4, 1988

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
<u>SPECIAL PLANTS</u>						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	3
ASTER SPINULOSUS	PINE-WOODS ASTER	G1	S1	C2	LT	3
CUPHEA ASPERA	TROPICAL MAXWEE	G2?	S2	C2	N	7
EUPHORBIA TELEPHIOIDES	TELEPHUS SPURGE	G1	S1	C2	RE	4
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	3
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
JUSTITIA CRASSIFOLIA	THICK-LEAVED WATER-WILLOW	G2?	S2	C2	RT	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
MYRIOPHYLLUM LAXUM	PIEDMONT WATER-MILFOIL	G2G3	S2S3	C2	N	1
PINGUICULA IONANTHA	VIOLET-FLOWERED BUTTERHORT	G2	S2	C2	RE	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERHORT	G3?	S2	C2	RE	1
RHODODENDRON CHAPMANII	CHAPMAN'S RHODODENDRON	G1G2	S1S2	LE	LE	6
RUBECKIA NITIDA	ST. JOHN'S-SUSAN	G3	S1	C2	LE	1
SCUTELLARIA FLORIDANA	FLORIDA SKULLCAP	G1	S1	C2	RE	3
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	G2	S2	C2	LT	7
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	1
<u>NATURAL COMMUNITIES</u>						
ESTUARINE MOLLUSK REEF	FLOODPLAIN CYPRESS-TUPELO	G3	S3			2
FLOODPLAIN SWAMP	LONGLEAF PINE SAVANNA	G4	S4			1
WET FLATWOODS		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						45
Total records tallied						88

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>REPTILES</u>						
DRYMARCHON CORATS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	2
GOPHERUS POLYPHEMIUS	GOPHER TORTOISE	G2	S2	C2	LS	1
<u>BIRDS</u>						
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
<u>MAMMALS</u>						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
<u>INVERTEBRATES</u>						
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	N	5
TROGLOCAMBARUS MACLANEI	MACLANE'S CAVE CRAYFISH	G2	S2	N	N	1
<u>SPECIAL PLANTS</u>						
AGRIMONIA INCISA	INCISED GROOVE-BUR	G3	S2	C2	N	1
CAMPANULA ROBINSONIAE	BROOKSVILLE BELLFLOWER	G1	S1	PE	LE	3
CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA	G2?	S1S3	3C	N	3
GLANDULARIA TAMPENSI	TAMPA VERVAIN	G1	S1	C1	RE	1
JUSTITIA COOLEYI	COOLEY'S WATER-WILLOW	G1G2	S1S2	PE	LE	7

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS (cont.)</u>						
MONOTROPIS REYNOLDSIAE	PIGMY-PIPES	G1Q	S1	C2	LE	1
PYCNANTHEMUM FLORIDANUM	FLORIDA MOUNTAIN-MINT	G3	S3	3C	N	2
COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS	G3	S3	C2	N	1
DIGITARIA FLORIDANA	FLORIDA CRABGRASS	G1?	S1	C2	N	1
NOLINA BRITTONIANA	BRITTON'S BEAR-GRASS	G2	S2	C2	RE	1
TRIPHORA CRAIGHEADII	CRAIGHEAD'S NODDING-CAPS	G1	S1	C2	(LT)	2
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G2	S2	N	LE	1
ASPLENIUM PUMILUM	DWARF SPLEENWORT	G2	S1	N	LE	1
BLECHNUM OCCIDENTALE	SINKHOLE FERN	G5	S1	N	LE	2
<u>NATURAL COMMUNITIES</u>						
MARINE TIDAL MARSH		G3	S3			1
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 33
 Total records tallied 65

October 4, 1988

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
<u>AMPHIBIANS</u>						
RANA AREOLATA	GOPHER FROG	G4	S3	C2	LS	1
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
DRYMARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	10
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	6
STILOSONA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	6
<u>BIRDS</u>						
AJAJA AJAJA	ROSEATE SPOONBILL	G5	S2S3	N	LS	1
ARAMUS GUARAUNA	LIMPKIN	G5	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	2
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
GRUS CANADENSIS PRATIENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	1
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	N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PLEGADIS FALCINELLUS	GLOSSY IBIS	G5	S2	N	N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GST2	S2	C2	FED STATUS	STATE STATUS	Count
<u>MAMMALS</u>							
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL					LS	1
<u>SPECIAL PLANTS</u>							
CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA	G2?	S1S3	3C		N	3
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		RE	5
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1		N	4
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2		RE	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N		N	1
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G3G4	S3	N		N	2
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	G7	S2	N		LE	2
<u>NATURAL COMMUNITIES</u>							
HYDRIC HAMMOCK		G4	S3				1
SCRUB		G3	S2				4
Total items							36
Total records tallied							83

October 4, 1988

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
<u>REPTILES</u>						
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 CORAITS 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
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	4
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	3
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	3
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	3
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	3
HALIAEETUS LEUCOCEPHALLUS	BALD EAGLE	G3	S2S3	LE	LT	1
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S37	N	N	3
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S37	N	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	LT	LT	1
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	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	RE	2
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	RE	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	1
TEPHROSIA ANGSTISSIMA	A DEVIL'S SHOESTRING	G1G	S1	C1	RE	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
<u>NATURAL COMMUNITIES</u>						
BEACH DUNE	BEACH DUNE	G4	S3			1
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			2
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			4
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			4
SCRUB		G3	S2			6

Total items 35
Total records tallied 76

October 4, 1988

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
<u>AMPHIBIANS</u>						
AMPHIUMA PROLETER	ONE-TOED AMPHIUMA	G3	S3	N	N	1
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
CLEMmys GUTTATA	SPOTTED TURTLE	G5	S3?	N	N	1
DRYARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4 T3	S3	LT	LT	2
GOPHERUS POLYPHENUS	GOPHER TORTOISE	G2	S2	C2	LS	1
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	1
PSEUDEMYD CONCINNA SUMANNIENSIS	SUMANNEE COOTER	G5 T3	S3	3C	LS	1
<u>BIRDS</u>						
ARAMUS GUARAUNA	LIMP KIN	G5	S3	N	LS	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2 S3	LE	LT	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5 T3	S3	C2	LT*	2
<u>INVERTEBRATES</u>						
PROCAMBARUS HORSTI	HORST'S CAVE CRAYFISH	G1	S1	N	N	1

October 4, 1988

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
<u>SPECIAL PLANTS</u>						
BRICKELLIA CORDIFOLIA	FLYR'S BRICKELL-BUSH	G263	S2	C2	LT	1
BUMELIA LYCIOIDES	BUCKTHORN	G5	S2	N	LT	1
RIBES ECHINELLUM	MICCOSUKEE GOOSEBERRY	G1	S1	LT	LE	2
SALIX FLORIDANA	FLORIDA WILLOW	G2	S2	C2	LT	1
<u>NATURAL COMMUNITIES</u>						
BLACKWATER STREAM		G4	S2			1
SPRING-RUN STREAM		G2	S2			2
AQUATIC CAVE		G3	S2			1
<u>OTHER</u>						
GEOLOGICAL FEATURE	WACISSA RIVER					1

Total items 20

Total records tallied 24

October 4, 1988

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
<u>REPTILES</u>						
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	3
DRYARCHON 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
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	7
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	14
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	1
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3	N	N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	8
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	13
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	12
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	3
FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD	G5	S1	N	N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	17
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	9
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	3
VIREO ALTILOQUIUS	BLACK-WHISKERED VIREO	G5	S3	N	N	1
<u>MAMMALS</u>						
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

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
CELTIS PALLIDA	SPINY HACKBERRY	G?	S1	N	LE	3
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	3
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
DEERINGOTHANNUS PULCHELLUS	BEAUTIFUL PAMPAN	G1	S1	LE	LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	4
EUGENTIA RHOMBEA	RED STOPPER	G?	S1	N	LE	1
FORESTIERA SEGREGATA VAR PINETORUM	FLORIDA PINEWOOD PRIVET	G2T2	S2	C1	N	1
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	5
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	4
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	6
PANICUM PINETORUM	BONITA SPRINGS PANIC GRASS	G2?Q	S2	C2	N	1
<u>NATURAL COMMUNITIES</u>						
MARINE TIDAL SWAMP	POP ASH SWAMP	G3	S3			1
FLOODPLAIN SWAMP	^AGAVE BARREN^	G4	S4			1
COASTAL BERM	TROPICAL MARITIME HAMMOCK	G3	S2			4
MARITIME HAMMOCK		G4	S3			1
MESIC FLATWOODS		G5	S5			1
SCRUB	OAK SCRUB	G3	S2			6
SHELL MOUND		G3	S3			4
<u>OTHER</u>						
BIRD ROOKERY						15
Total items						43
Total records tallied						183

October 4, 1988

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
<u>AMPHIBIANS</u>						
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3	N	N	4
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	10
EUMECES EGREGIUS INSULARIS	CEDAR KEYS MOLE SKINK	G4?T1	S1	N	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	N	8
PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G5T3?	S?	C2	LS	3
PSEUDEMYS CONCINNA SUWANNIENSIS	SUWANNEE COOTER	G5T3	S3	3C	LS	2
<u>BIRDS</u>						
ACCIPITER COOPERII	COOPER'S HAWK	G4	S3?	N	N	1
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	7
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	3
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLOR HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T3T4	S3?	C2	LT	15
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	11
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	1

October 4, 1988

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
<u>MAMMALS</u>						
MICROTUS PENNSYLVANICUS DUKECAMPBELLI	SALT MARSH VOLE	G5T1	S1	C2	LS	1
MUSTELA VISON LUTENSIS	FLORIDA MINK	G5T3	S3	C2	N	1
SCIURUS NIGER SHERMANI	SHERMAN'S FOX SQUIRREL	G5T2	S2	C2	LS	3
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	3
<u>INVERTEBRATES</u>						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
PROCAMBARUS LUCIFUGUS	LIGHT-FLEEING CAVE CRAYFISH	G3	S3	N	N	2
PROCAMBARUS PALLIDUS	PALLID CAVE CRAYFISH	G2G3	S2S3	N	N	1
TROGLOCAMBARUS MACLANEI	MCLANE'S CAVE CRAYFISH	G2	S2	N	N	1
NEPALPUS NEARCTICUS	SUGARFOOT FLY	G?	S?	C2	N	1
<u>SPECIAL PLANTS</u>						
ANEMONE BERLANDIERI	TEXAS ANEMONE	G3G5Q	S2	N	N	1
DROSER A 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 SSP PLATYLEPIS	PINE-WOOD DAINITIES	G3G5	S3	3C	LT	4
SIUM FLORIDANUM	FLORIDA WATER-PARSNIP	G1Q	S1	C2	N	1
SPIGELIA LOGANIODES	A PINKROOT	G1G2	S1S2	3C	LE	3
ULMUS CRASSIFOLIA	CEDAR ELM	G4?	S1	N	N	2
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G3G4	S3	N	N	1
ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR FERN	G5	S3S4	N	(LT)	1

October 4, 1988

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
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH						
BASIN SWAMP	CYPRESS SWAMP AND BLACKGUM SWAMP	G4	S4			1
FLOODPLAIN SWAMP		G5	S4			1
FRESHWATER TIDAL SWAMP		G4	S4			2
HYDRIC HAMMOCK	CYPRESS/BLACKGUM/SWEETBAY/ASH SWAMP?	G3	S3			1
SPRING-RUN STREAM		G4	S3			2
AQUATIC CAVE		G2	S2			2
TERRESTRIAL CAVE		G3	S2			3
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK.	G3	S1			1
SANDHILL	LONGLEAF PINE/TURKEY OAK SANDHILL	G4	S3			1
SCRUB	OAK SCRUB	G4	S3			1
UPLAND HARDWOOD FOREST		G3	S2			5
UPLAND MIXED FOREST		G4	S3			1
XERIC HAMMOCK	ADVANCED XERIC FOREST	G4	S4			1
		G3	S2			2

OTHER

BIRD ROOKERY

3

Total items 57

Total records tallied 148

October 4, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
DRYMARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	1
ATHENE CUNICULARIA FLORIDANA	FLORIDA BURROWING OWL	G5T3	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3T	N	N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3T	N	N	1
POLYBORUS PLANGUS	CRESTED CARACARA	G5	S2	LT	LT	1
<u>SPECIAL PLANTS</u>						
CHRYSOPSIS FLORIDANA	FLORIDA GOLDEN ASTER	G1	S1	LE	LE	1
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	2
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5T2	S2	C1	N	3
LECHEA CERNUA	NODDING PINWEED	G3	S3	C2	RE	1
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	2

October 4, 1988

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
<u>NATURAL COMMUNITIES</u>						
SLOUGH		65	S5			1
DRY PRAIRIE	PALMETTO PRAIRIE	62	S2			1
SCRUB	SAND PINE SCRUB	63	S2			3
<u>OTHER</u>						
BIRD ROOKERY						2

Total items 24
Total records tallied 35

October 4, 1988

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
<u>FISHES</u>						
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G4	S3?	N	N	1
<u>AMPHIBIANS</u>						
RANA AREOLATA	GOPHER FROG	G4	S3	C2	LS	1
<u>REPTILES</u>						
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
DRYMARCON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
SCOLOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	5
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	11
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	2
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	1
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	5
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	COUNT
<u>BIRDS (cont.)</u>						
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	LT	LT	3
<u>MAMMALS</u>						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	1
<u>SPECIAL PLANTS</u>						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G3	S3	N	LE	2
ASIMINA TETRAMERA	FOUR-PETAL PAWPAW	G1	S1	LE	LE	7
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	17
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	2
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	1
LECHEA CERNUA	NODDING PINNEED	G3	S3	C2	RE	3
LINUM CARTERI VAR SMALLII	CARTER'S LARGE-FLOWERED FLAX	G2T2	S2	C1	RE	1
PERSEA HUMILIS	SCRUB BAY	G5T4	S3			7
POLYGALA SMALLII	TINY POLYGALA	G1	S1	LE	LE	1
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOOTBEAN	G3	S3	C2	N	2
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	2
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	3
COELORACHIS TUBERCULOSA	PIEDMONT JOINTGRASS	G3	S3	C2	N	1
ONCIDIUM BAHAMENSE	DANCING-LADY ORCHID	G1G3Q	S1	N	LE	4
PTEROGLOSSASPIS ECRISTATA	A WILD COCO	G3G4	S2	C2	(LT)	1
REMITREA MARITIMA	BEACH-STAR	G3	S1	N	LE	4
VANILLA MEXICANA	SCENTLESS VANILLA	G1G3	S1	N	(LT)	1
OPHIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	2

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
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			5
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			1
MARITIME HAMMOCK	TROPICAL COASTAL HAMMOCK	G4	S3			3
MESIC FLATWOODS	SLASH PINE/PALMETTO FLATWOODS	G5	S5			1
SCRUB	SAND PINE SCRUB	G3	S2			27
SHELL MOUND		G3	S3			1

Total items 55

Total records tallied 163

October 4, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>FISHES</u>						
CYPRINODON VARIEGATUS POP 1	FLORIDA KEYS SHEEPSHEAD MINNOW	G5T2Q	S2	N	N	11
FUNDULUS GRANDIS SAGUANUS	SOUTHERN GULF KILLIFISH	G5T4	S3	N	N	9
FUNDULUS SIMILIS SSP 1	FLORIDA KEYS SOUTHERN LONGNOSE KILLIFISH	G5T2Q	S2	N	N	11
GAMBUSIA RHIZOPHORAE	MANGROVE GAMBUSIA	G3	S3	N	N	5
GOBIONELLUS STIGNATURUS	SPOTTAIL GOBY	G4	S37	N	N	6
LUCANIA PARVA POP 1	FLORIDA KEYS RAINWATER KILLIFISH	G5T2Q	S2	N	N	8
MEWIDIA CONCHORUM	KEY SILVERSIDE	G2Q	S2	N	LT	23
POECILIA LATIPINNA POP 1	FLORIDA KEYS SAILFIN MOLLY	G5T2Q	S2	N	N	11
STARKSIA STARCKI	KEY BLENNY	G1	S1	N	LS	1
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	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
DIADOPHIS PUNCTATUS ACRICUS	KEY RINGNECK SNAKE	G5T1	S1	C2	LT	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	12
ELAPHE GUTTATA POP 1	LOWER KEYS RED RAT SNAKE	G5T2Q	S2	N	LS	17
ERETMOCHELYS IMBRICATA	HAWKSBILL	G37	S1	LE	LE	1
EUMECES EGREGIUS EGREGIUS	FLORIDA KEYS MOLE SKINK	G4?T2	S2	C2	LS	10
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
KINOSTERNON BAURII POP 1	KEY MUD TURTLE	G5T2Q	S2	C2	LE	17
MALACLEMYS TERRAPIN RHIZOPHORARUM	MANGROVE TERRAPIN	G5T2?	S2?	N	N	14
STORERIA DEKAYI POP 1	LOWER KEYS BROWN SNAKE	G5T1Q	S1	N	LT	3
TANTILLA OOLITICA	RIM ROCK CROWNED SNAKE	G1G2Q	S1S2	C2	LT	4
THAMNOPHIS SAURITUS POP 1	LOWER KEYS RIBBON SNAKE	G5T1Q	S1	N	LT	5

October 4, 1988

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
BIRDS						
AJATA AJAJA	ROSEATE SPOONBILL	G5	S2S3	N	LS	12
ANOUS STOLIDUS	BROWN NODDY	G5	S1	N	N	1
ARDEA HERODIAS OCCIDENTALIS	GREAT WHITE HERON	G5T2	S2	N	N	43
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	25
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	4
COCCYZUS MINOR	MANGROVE CUCKOO	G5	S3	N	N	2
COLUMBA LEUCOCEPHALA	WHITE-CROWNED PIGEON	G3	S2	C2	LT	43
DENDROICA DISCOLOR PALUDICOLA	FLORIDA PRAIRIE WARBLER	G5T3	S3	N	N	9
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	8
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2	C2	LS	10
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	14
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	13
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	15
FALCO PERGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	2
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T3T4	S3?	C2	LT	1
FREGATA MAGNIFICENS	MAGNIFICENT FRIGATEBIRD	G5	S1	N	N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	52
NYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	4
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	3
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	12
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	5
RALLUS LONGIROSTRIS INSULARUM	MANGROVE CLAPPER RAIL	G5T3	S3	C2	N	1
RYNCHOPUS NIGER	BLACK SKIMMER	G5	S3	N	N	1
SEIURUS MOTACILLA	LOUISIANA WATERTHRUSH	G5	S3	N	N	1
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	8
STERNA DOUGALLII	ROSEATE TERN	G3	S1	LT	LT	1
STERNA FUSCATA	SOOTY TERN	G5	S1	N	N	1
VIREO ALTILOQUIUS	BLACK-WHISKERED VIREO	G5	S3	N	N	17

October 4, 1988

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
<u>MAMMALS</u>						
NEOTOMA FLORIDANA SMALLI	KEY LARGO WOODRAT	G5T1	S1	LE	LE	16
ODOCOILEUS VIRGINIANUS CLAVIUM	KEY DEER	G5T1	S1	LE	LE	12
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
<u>INVERTEBRATES</u>						
EUNICA TATILA TATILISTA	FLORIDA PURPLEWING	G7	S?	N	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	G?	S2			3
<u>SPECIAL PLANTS</u>						
ARGYTHAMNIA BLODGETTII	BLODGETT'S WILD-MERCURY	G2	S2	C2	RE	8
BOURRERIA CASSINIFOLIA	LITTLE STRONGBARK	G?	S1	N	RE	1
CASSIA KEYENSIS	BIG PINE PARTRIDGE PEA	G2	S2	C1	LERT	16
CATESBAEA PARVIFLORA	SMALL-FLOWERED LILY-THORN	G2G3	S1	N	LE	1
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	26
CEREUS ROBINII	KEY TREE-CACTUS	G1	S1	LE	LE	7
CHAMAESYCE DELTOIDEA SSP DELTOIDEA	DELTOID SPURGE	G2?T2	S2	LE	LE	2
CHAMAESYCE DELTOIDEA SSP SERPYLLUM	WEDGE SPURGE	G2?T1	S1	C1	RE	3
CHAMAESYCE GARBERI	GARBER'S SPURGE	G1	S1	LT	LE	11
CHAMAESYCE PORTERIANA VAR KEYENSIS	PORTER'S HAIRY-PODDED SPURGE	G2T1	S1	C1	RE	2
CHAMAESYCE PORTERIANA VAR SCOPARIA	PORTER'S BROOM SPURGE	G2T2	S2	C1	RE	9
CORDIA SEBESTENA	GEIGER TREE	G3G5	S2S3	N	LE	20
CROSSOPETALUM ILICIFOLIUM	CHRISTMAS BERRY	G?	S2	N	N	8

October 4, 1988

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
<u>SPECIAL PLANTS (cont.)</u>						
CUPANIA GLABRA	CUPANIA	G7	S1	N	LE	1
ERNODEA LITTORALIS	BEACH-CREEPER	G4	S3	N	LT	39
EUGENIA CONFUSA	TROPICAL IRONWOOD	G4G5	S3S4	N	LT	3
EUGENIA RHOMBEA	RED STOPPER	G7	S1	N	LE	4
GOSSYPIUM HIRSUTUM	WILD COTTON	G4G5	S3?	N	LE	7
GUAIACUM SANCTUM	LIGNUM-VITAE	G4G5	S2	N	LE	12
HIPPOMANE MANCINELLA	MANCHINEEL	G3G4	S2	N	LT	12
HYPELATE TRIFOLIATA	TINKWOOD	G2	S1	N	LT	11
JACQUINIA KEYENSIS	JOEWOOD	G4	S3	N	LT	42
LINUM ARENICOLA	SAND FLAX	G1G2	S1S2	C2	LE	11
NELANTHERA PARVIFOLIA	SMALL-LEAVED MELANTHERA	G2Q	S2	C2	N	6
MYRCIANTHES FRAGRANS VAR SIMPSONII	TWINBERRY	G4T3	S3	C2	LT	1
OKENIA HYOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	1
OPUNTIA SPINOSISSIMA	FLORIDA SENAPHORE CACTUS	G1	S1	C2	(LT)	1
OPUNTIA TRIACANTHA	THREE-SPINED PRICKLY-PEAR	G1G3	S1	C2	N	1
PHORADENDRON RUBRUM	MAHOGONY MISTLETOE	G?	S1	N	LE	3
PHYLLANTHUS PENTAPHYLLUS VAR FLORIDANUS	FLORIDA FIVE-PETALED LEAF-FLOWER	G7T3	S3	C2	N	9
PISONIA FLORIDANA	ROCK KEY DEVIL'S-CLAWS	GK	SX	3A	N	1
POLYGALA BOYKINII VAR SPARSIFOLIA	BOYKIN'S FEW-LEAVED MILKWORT	G4T2	S2	C2	N	12
RHYNCHOSIA CINEREA	BROWN-HAIRED SNOOTBEAN	G3	S3	C2	N	8
SACHSIA BAHAMENSIS	BAHAMA SACHSIA	G2	S1	N	LE	4
SOLANUM BAHAMENSE VAR RUGELII	RUGEL'S KEY WEST HORSE-NETTLE	G4G5TH	SH	3A	N	25
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	35
STRUMPFIA MARITIMA	PRIDE-OF-BIG-PINE	G4	S1	N	LE	3
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	9
TRAGIA SAXICOLA	PINELAND NOSEBURN	G2	S2	C2	RE	7
ZANTHOXYLUM FLAVUM	YELLOWHEART, SATINWOOD	G?	S1	N	LE	2
CATOPSIS BERTERONIANA	POWDERY CATOPSIS	G4	S1S2	N	LE	1
COCCOTHRINAX ARGENTATA	SILVER PALM	G3G4	S3	N	LC	31
DICHROMENA FLORIDENSIS	FLORIDA WHITE-TOP SEDGE	G?	S2	N	N	12
ENCYCLIA BOOTHIANA	DOLLAR ORCHID	G1G3	S1	C2	LE	4
HYMENOCALLIS LATIFOLIA	BROAD-LEAVED SPIDERLILY	G2G4	S2S3	3C	N	3

October 4, 1988

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
<u>SPECIAL PLANTS (cont.)</u>						
ROYSTONEA ELATA	FLORIDA ROYAL PALM	G2Q	S2	C1	LE	1
THRINAX MORRISII	BRITTLE THATCH PALM	G4G5	S3	N	LC	56
THRINAX RADIATA	FLORIDA THATCH PALM	G4G5	S2	N	LC	28
TILLANDSIA FLEXUOSA	BANDED WILD-PINE	G4	S3	N	LT	30
TRIPSACUM FLORIDANUM	FLORIDA GAMA GRASS	G2	S2	C1	RE	1
VANILLA BARBELLATA	WORM-VINE ORCHID	G7	S2	N	LE	2
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	5
<u>NATURAL COMMUNITIES</u>						
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		G3	S1			4
COASTAL STRAND	CACTUS BARREN	G3	S3			1
MARITIME HAMMOCK	*KEYS STRAND^	G4	S3			4
PINE ROCKLAND	KEYS PINE ROCKLAND	G2	S1			3
ROCKLAND HAMMOCK	CACTUS HAMMOCK	G3	S2			77
SHELL MOUND		G3	S3			3
<u>OTHER</u>						
BIRD ROOKERY						7

Total items 131
Total records tallied 1257

September 30, 1988

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
<u>AMPHIBIANS</u>						
STEREOCHILUS MARGINATUS	MANY-LINED SALAMANDER	G5	S1	N	N	1
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	L TSA	LS	1
CROTALUS HORRIDUS	CANEBRAKE RATTLESNAKE	G5	S3	N	N	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	7
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	1
<u>BIRDS</u>						
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	3
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	1
<u>MAMMALS</u>						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G27	S27	LE	LE	2
<u>SPECIAL PLANTS</u>						
ASCLEPIAS VIRIDULA	SOUTHERN MILKWEED	G2	S2	C2	LT	1
HARTWRIGHTIA FLORIDANA	HARTWRIGHTIA	G2	S2	C2	LT	1
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G364	S3	N	N	1

September 30, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
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 16
Total records tallied 49

October 5, 1988

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
<u>FISHES</u>						
ETHEOSTOMA OKALOOSAE	OKALOOSA DARTER	G2	S2	LE	LE	5
<u>AMPHIBIANS</u>						
AMBYSTOMA TIGRINUM	TIGER SALAMANDER	G5	S3?	N	N	1
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S3	N	N	2
HYLA ANDERSONII	PINE BARRENS TREEFROG	G4	S3	AC	LS	31
RANA OKALOOSAE	FLORIDA BOG FROG	G2	S2	N	LS	10
<u>REPTILES</u>						
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 MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G5T3?	S?	C2	LS	2
<u>BIRDS</u>						
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	1
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	14
RYNCHOPS NIGER	BLACK SKIMMER	G5	S3	N	N	2
STERNA ANTILLARUM	LEAST TERN	G4	S3	N	LT	2

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>MAMMALS</u>						
TAMIAS STRIATUS	EASTERN CHIPMUNK	G5	S1	N	LS	3
<u>SPECIAL PLANTS</u>						
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	G3S5T2	S2	C1	LE	4
DROSERA INTERMEDIA	SPOON-LEAVED SUNDEW	G5	S3	N	LT	1
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	1
LITSEA AESTIVALIS	PONDSPICE	G4G5	S2	3C	LT	1
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	8
MAGNOLIA ASHETI	ASHE'S MAGNOLIA	G2	S2	3C	LE	3
MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA	G4	S2	N	LE	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S2	C1	LT	2
QUERCUS ARKANSANA	ARKANSAS OAK	G3	S1S2	3C	N	14
RHEXIA PARVIFLORA	A MEADOWBEAUTY	G2	S2	C2	LE	1
RHODODENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	1
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT	G3G5	S3	C2	LE	2
TEPHROSIA MOHRII	PINELAND HOARY-PEA	G2?	S1	C2	N	7
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1G2	S1S2	C2	RE	3
CAREX BALTZELLI	BALTZELL'S SEDGE	G2?	S2	C2	RE	1
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	2
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G3G4	S3	N	N	2
PLATANThERA INTEGRa	YELLOW FRINGELESS ORCHID	G3G4	S3S4	3C	(LT)	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
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
<u>OTHER</u>						
BIRD ROOKERY						2

Total items 43
Total records tallied 201

October 5, 1988

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
<u>FISHES</u>						
GOBIONELLUS STIGMATURUS	SPOTTAIL GOBY	G4	S3?	N	N	2
<u>REPTILES</u>						
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 CORTICEA	LEATHERBACK TURTLE	G3	S2	LE	LE	3
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	5
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	G2	LS	10
SCELOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	G2	N	5
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	17
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
GRUS CANADENSIS PRATENSIENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PIGOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	8
SETOPHAGA RUTICILLA	AMERICAN REDSTART	G5	S3	N	N	1
<u>MAMMALS</u>						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	G2	LS	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G3	S3	N	LE	5
ASIMINA TETRAMERA	FOUR-PETAL PAMPAS	G1	S1	LE	LE	10
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	11
CUCURBITA OKEECHOBEEENSIS	OKEECHOBEE GOURD	G1	S1	C2	LE	1
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	RE	1
JACQUEMONTIA RECLINATA	BEACH JACQUEMONTIA	G1	S1	C2	LE	2
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	4
PERSEA HUMILIS	SCRUB BAY	G5?T4	S3			8
SOPHORA TOMENTOSA	NECKLACE POO	G4	S3	N	N	1
TEPHROSIA ANGSTISSIMA	A DEVIL'S SHOESTRING	G1Q	S1	C1	RE	1
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	5
ONCIDIUM BAHAMENSE	DANCING-LADY ORCHID	G1G3Q	S1	N	LE	2
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
<u>NATURAL COMMUNITIES</u>						
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			23

Total items 42
Total records tallied 163

October 5, 1988

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
<u>FISHES</u>						
ENNEACANTHRUS CHAETODON	BLACKBANDIED SUNFISH	G3	S3	N	N	1
<u>REPTILES</u>						
DRYMARCHON CORAITS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G5T3?	S?	C2	LS	1
STILOSONA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	1
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	1
CASHERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	1
EGRETIA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	3
EGRETIA THULA	SNOWY EGRET	G5	S4	N	LS	1
EGRETIA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCINUS ALBUS	WHITE IBIS	G5	S4	N	N	1
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T3T4	S3?	C2	LT	1
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G5	S2S3	LE	LT	3
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	1
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>INVERTEBRATES</u>						
PROCAMBARUS LEITHEUSERI	LEITHEUSER'S CAVE CRAYFISH	G2	S2	N	N	3
<u>SPECIAL PLANTS</u>						
CENTROSEMA ARENICOLA	SAND BUTTERFLY PEA	G2?	S1S3	3C	N	2
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	1
ASPLENIUM AURITUM	AURICLED SPLEENWORT	G7	S2	N	LE	1
OPHTIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
<u>NATURAL COMMUNITIES</u>						
MARINE TIDAL MARSH		G3	S3			1
MARINE TIDAL SWAMP		G3	S3			1
FLOODPLAIN SWAMP	FLOODPLAIN CYPRESS	G4	S4			1
AQUATIC CAVE		G3	S2			3
BEACH DUNE	TEMPERATE BEACH DUNE	G4	S3			1
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			1
SCRUB	OAK SCRUB	G3	S2			1
<u>OTHER</u>						
BIRD ROOKERY						4
Total items						29
Total records tallied						47

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>REPTILES</u>						
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	3
STILIOSOMA EXTENUATUM	SHORT-TAILED SNAKE	G3	S3	C2	LT	1
<u>BIRDS</u>						
AJAJIA AJAJIA	ROSEATE SPOONBILL	G5	S2S3	N	LS	1
CHARADRIUS ALEXANDRINUS	SNOWY PLOVER	G4?	S2	C2	LT	2
CHARADRIUS MELODUS	PIPING PLOVER	G2	S2	LT	LT	3
HALIAETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	5
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	2
<u>MAMMALS</u>						
PODOMYS FLORIDANUS	FLORIDA MOUSE	G3	S3	C2	LS	2
<u>SPECIAL PLANTS</u>						
CHARAECYCE 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	RE	1
HELIANTHUS DEBILIS SSP VESTITUS	HAIKY BEACH SUNFLOWER	G5?T2	S2	C1	N	5
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	3
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	1
ACROSTICHUM AUREUM	GOLDEN LEATHER FERN	G5	S3	N	LE	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
ESTUARINE GRASS BED		G2	S2			1
ESTUARINE TIDAL SWAMP		G3	S3			1
MARINE AQUATIC BED		G3	S3			1
MARINE GRASS BED		G2	S2			1
MARINE TIDAL MARSH		G4	S4			1
MARINE TIDAL SWAMP		G3	S3			2
BEACH DUNE	TEMPERATE BEACH DUNE	G4	S3			2
COASTAL STRAND	TEMPERATE COASTAL STRAND	G3	S3			1
MARITIME HAMMOCK	TEMPERATE MARITIME HAMMOCK	G4	S3			3
MESIC FLATWOODS	INSULAR SLASH PINE FLATWOODS	G5	S5			2
SCRUB	OAK SCRUB	G3	S2			1

Total items 26

Total records tallied 48

September 30, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	1
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	1
CLEMmys GUTTATA	SPOTTED TURTLE	G5	S3?	N	N	1
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHENUS	GOPHER TORTOISE	G2	S2	C2	LS	7
<u>BIRDS</u>						
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	3
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	3
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	1
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	1
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	4
NYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	2
<u>MAMMALS</u>						
PEROMYSCUS POLIOTOTUS PHASMA	ANASTASIA BEACH MOUSE	G5T1	S1	C2	N	5
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
<u>SPECIAL PLANTS</u>						
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	RE	2
PYCNANTHEMUM FLORIDANUM	FLORIDA MOUNTAIN-MINT	G3	S3	3C	N	1
RUDBECKIA NITIDA	ST. JOHN'S-SUSAN	G3	S1	C2	LE	1
SALPINGOSTYLIS COELESTINA	BARTRAM'S IXIA	G2	S2	C2	LTRE	3

September 30, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH		G4	S4			1
BEACH DUNE		G4	S3			2
COASTAL STRAND		G3	S3			1
MARITIME HAMMOCK		G4	S3			3
MESIC FLATWOODS		G5	S5			1
SANDHILL	SLASH PINE/PALMETTO FLATWOODS	G4	S3			1
SCRUBBY FLATWOODS	LONGLEAF PINE/TURKEY OAK SANDHILL	G3	S3			1

OTHER

BIRD ROOKERY						1
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Total items 28
Total records tallied 54

October 5, 1988

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
<u>REPTILES</u>						
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	G2	LS	4
SCOLOPORUS WOODI	FLORIDA SCRUB LIZARD	G3	S3	C2	N	2
<u>BIRDS</u>						
ACCIPITER COOPERII	COOPER'S HAWK	G4	S3?	N	N	1
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	5
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	2
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	2
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	2
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
FALCO COLUMBARIUS	MERLIN	G4	SU	N	N	1
FALCO PEREGRINUS	PEREGRINE FALCON	G3	S2	LT	LE	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	1
HELMITHEROS VERMIVORUS	WORM-EATING WARBLER	G5	S1	N	N	1
MYCTERIX AMERICANA	WOOD STORK	G5	S2	LE	LE	1
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	1
NYCTICORAX VIOLACEUS	YELLOW-CROWNED NIGHT-HERON	G5	S3?	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	2
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	3
SETOPHAGA RUTICILLA	AMERICAN REDSTART	G5	S3	N	N	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
CEREUS ERIOPHORUS VAR FRAGRANS	FRAGRANT PRICKLY-APPLE	G2G3T1	S1	LE	LE	5
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	2
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	6
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	RE	4
OKENIA HYPOGAEA	BURROWING FOUR-O'CLOCK	G3	S2	N	LE	2
RHYNCHOSTA CINEREA	BROWN-HAIRED SNOUTBEAN	G3	S3	C2	N	1
SOPHORA TOMENTOSA	NECKLACE POD	G4	S3	N	N	3
TOURNEFORTIA GNAPHALODES	SEA LAVENDER	G4	S3	N	LE	2
REHIREA MARITIMA	BEACH-STAR	G3	S1	N	LE	1
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL SWAMP		G3	S3			1
BLACKWATER STREAM		G4	S2			1
BEACH DUNE	TROPICAL BEACH DUNE	G4	S3			3
COASTAL STRAND	TROPICAL COASTAL STRAND	G3	S3			2
MARITIME HAMMOCK		G4	S3			4
SCRUB	SAND PINE SCRUB	G3	S2			4
<u>OTHER</u>						
BIRD ROOKERY						1
Total Items						42
Total records tallied						88

October 5, 1988

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

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS</u>						
BAPTISIA HIRSUTA	HAIKY WILD INDIGO	G20	S2	C2	LT	2
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER	G2	S2	N	N	1
CHRYSOPSIS GOSSYPINA SPP 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
ILLICIAM FLORIDANUM	FLORIDA ANISE	G5	S3	N	LT	1
MAGNOLIA ASHET	ASHE'S MAGNOLIA	G2	S2	3C	LE	2
MYRIOPHYLLUM LAXUM	PIEDMONT WATER-NILFOIL	G2G3	S2S3	C2	N	1
NUPHAR LUTEUM SPP ULVACEUM	WEST FLORIDA COWLILY	G5T2	S2	C2	N	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	RE	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWHEED	G2	S2	C1	LT	4
RHODOENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	1
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT	G3G5	S3	C2	LE	4
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3	S2	C2	LE	2
STEWARTIA MALACODENDRON	SILKY CAMELLIA	G4	S3	N	LE	2
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1G2	S1S2	C2	RE	11
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	6
RHYNCHOSPORA CRINIPES	HAIKY-PEDUNCLED BEAK-RUSH	G1	S1	N	N	2
<u>NATURAL COMMUNITIES</u>						
ESTUARINE MOLLUSK REEF BOG		G3	S3			2
FLOODPLAIN FOREST		G4	S3			1
FLOODPLAIN SWAMP	SLASH PINE SWAMP	G4	S4			1
SEEPAGE SLOPE	SEEPAGE SHRUB BOG	G4	S4			3
WET PRAIRIE	PITCHER PLANT PRAIRIE	G4	S3			27
		G5	S4			2

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>NATURAL COMMUNITIES (cont.)</u>						
SEEPAGE STREAM		G4	S2			4
MESIC FLATWOODS	COASTAL LONGLEAF FLATWOODS (?)	G5	S5			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 168

October 5, 1988

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
<u>AMPHIBIANS</u>						
RANA AREOLATA	GOPHER FROG	G4	S3	C2	LS	2
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	2
CARETTA CARETTA	LOGGERHEAD	G3	S2	LT	LT	2
DRYMARCHON CORAISI COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	2
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	13
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	9
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S4	N	N	1
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PICOIDES VILLOSIUS	HAIRY WOODPECKER	G5	S3?	N	N	2
POLYBORUS PLANCUS	CRESTED CARACARA	G5	S2	LT	LT	5
<u>SPECIAL PLANTS</u>						
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	5
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	2
HELIANTHUS DEBILIS SSP VESTITUS	HAIRY BEACH SUNFLOWER	G5?T2	S2	C1	N	1
ERAGROSTIS TRACYI	SANIBEL LOVEGRASS	G2	S2	C2	LT	5

October 5, 1988

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
<u>NATURAL COMMUNITIES</u>						
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 24
Total records tallied 74

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	CRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>REPTILES</u>						
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	3
<u>BIRDS</u>						
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	1
GRUS CANADENSIS PRATENSIS	FLORIDA SANDHILL CRANE	G5T2T3	S2S3	N	LT	1
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	4
<u>MAMMALS</u>						
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1
<u>SPECIAL PLANTS</u>						
ANEMONE BERLANDIERI	TEXAS ANEMONE	G3G5Q	S2	N	N	1
LEITNERIA FLORIDANA	CORKWOOD	G3G4	S3	3C ^o	LT	1
LITSEA AESTIVALIS	PONDSPICE	G4G5	S2	3C	LT	2
MINJARTIA GODFREYI	GODFREY'S SANDWORT	G1Q	S1	C2	N	1
PHYLLANTHUS LEIBMANNIANUS	PINE-WOOD DAINTIES	G3G5	S3	3C	LT	1
<u>NATURAL COMMUNITIES</u>						
BLACKWATER STREAM		G4	S2			1
<u>OTHER</u>						
BIRD ROOKERY						1

Total items 12
Total records tallied 18

October 5, 1988

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
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LISA	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
<u>BIRDS</u>						
APHELOCOMA COERULESCENS COERULESCENS	FLORIDA SCRUB JAY	G5T3	S3	LT	LT	18
ARAMUS GUARAUNA	LIMPKIN	G5	S3	N	LS	1
CASMERODIUS ALBUS	GREAT EGRET	G5	S4	N	N	5
CHARADRIUS MELODIUS	PIPING PLOVER	G2	S2	LT	LT	1
EGRETTA CAERULEA	LITTLE BLUE HERON	G5	S4	N	LS	2
EGRETTA THULA	SNOWY EGRET	G5	S4	N	LS	3
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S4	N	LS	3
EUDOCIMUS ALBUS	WHITE IBIS	G5	S4	N	N	2
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	32
MYCTERIA AMERICANA	WOOD STORK	G5	S2	LE	LE	3
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S3?	N	N	3
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	1
PELECANUS OCCIDENTALIS	BROWN PELICAN	G5	S3	AC	LS	3
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	3
<u>MAMMALS</u>						
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	1
URSUS AMERICANUS FLORIDANUS	FLORIDA BLACK BEAR	G5T3	S3	C2	LT*	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>INVERTEBRATES</u>						
APHAOSTRACON ASTHENES	BLUE SPRING APHAOSTRACON	G1	S1	C2	N	1
CININNATIA MONROENSIS	ENTERPRISE SPRING SNAIL	G1	S1	C2	N	1
CININNATIA PARVA	BLUE SPRING SNAIL	G1	S1	C2	N	1
<u>SPECIAL PLANTS</u>						
AMYRIS BALSAMIFERA	BALSAM TORCHWOOD	G3G4	S2	N	N	1
ASCLEPIAS CURTISSII	CURTISS' MILKWEED	G3	S3	N	LE	1
CEREUS GRACILIS	PRICKLY-APPLE	G2G3	S2S3	C2	LE	1
CHAMAESYCE CUMULICOLA	SAND-DUNE SPURGE	G2	S2	C2	N	1
CONRADINA GRANDIFLORA	LARGE-FLOWERED ROSEMARY	G3	S3	C2	RE	2
DEERINGHAMMUS RUGELII	RUGEL'S PAMPAS	G1	S1	LE	LE	5
GLANDULARIA MARITIMA	COASTAL VERVAIN	G2	S2	C2	RE	4
GLANDULARIA TAMPENSIS	TAMPA VERVAIN	G1	S1	C1	RE	2
ILEX OPACA VAR ARENICOLA	SCRUB HOLLY	G5T3	S3	3C	N	2
PAVONIA SPINIFEX	YELLOW HIBISCUS	G4G5	S2S3	N	N	2
MEMASTYLIS FLORIDANA	FALL-FLOWERING IXIA	G2	S2	C2	LE	1
NOLINA ATOPOCARPA	FLORIDA BEAR-GRASS	G2	S2	C2	LE	1
OPHTIOGLOSSUM PALMATUM	HAND FERN	G1G3	S1	3C	LE	1
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH		G4	S4			1
BASIN MARSH	SANGRASS MARSH	G4	S3			1
BASIN SWAMP		G5	S4			1
FLOODPLAIN MARSH		G3	S3			2
WET FLATWOODS	POND PINE FLATWOODS	G4	S4			3

October 5, 1988

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
<u>NATURAL COMMUNITIES (cont.)</u>						
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
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

OTHER

BIRD ROOKERY						1
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Total items 52
Total records tallied 166

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	CRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>AMPHIBIANS</u>						
AMBYSTOMA CINGLATUM	FLATWOODS SALAMANDER	G4	S3?	C2	N	2
AMPHIUMA PROLETER	ONE-TOED AMPHIUMA	G3	S3	N	N	4
<u>REPTILES</u>						
ALLIGATOR MISSISSIPPIENSIS	AMERICAN ALLIGATOR	G5	S4	LTSA	LS	2
CLEMYS GUTTATA	SPOTTED TURTLE	G5	S3?	N	N	4
DRYMARCHON CORAIS COUPERI	EASTERN INDIGO SNAKE	G4T3	S3	LT	LT	4
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G2	S2	C2	LS	4
MACROCLEMYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3?	S3?	C2	LS	7
NERODIA FASCIATA CLARKII	GULF SALT MARSH SNAKE	G5T3	S3?	N	N	1
PITUOPHIS MELANOLEUCUS MUGITUS	FLORIDA PINE SNAKE	G5T3?	S?	C2	LS	2
PSEUDENYX CONCINNA SUWANNEIENSIS	SUWANNEE COOTER	G5T3	S3	3C	LS	1
						2
<u>BIRDS</u>						
ARAMUS GUARAUNA	LIMPKIN	G5	S3	N	LS	1
HALIAETUS LEUCOCEPHALUS	BALD EAGLE	G3	S2S3	LE	LT	3
PANDION HALIAETUS	OSPREY	G5	S3S4	N	LS*	2
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G2	S2	LE	LT	18
<u>MAMMALS</u>						
NEOFIBER ALLENI	ROUND-TAILED MUSKRAT	G3?	S3?	C2	N	1
TRICHECHUS MANATUS	WEST INDIAN MANATEE	G2?	S2?	LE	LE	2

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>INVERTEBRATES</u>						
CRANGONYX HOBBSI	HOBBS' CAVE AMPHIPOD	G2G3	S2S3	C2	N	1
CRANGONYX SP 1	A CAVE AMPHIPOD	G7	S7	N	N	1
PROCAMBARUS ORCINUS	WOODVILLE CAVE CRAYFISH	G2	S2	N	N	5
<u>SPECIAL PLANTS</u>						
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	5
LIATRIS PROVINCIALIS	GODFREY'S BLAZING STAR	G2	S2	C2	LE	3
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	2
PITYOPSIS FLEXUOSA	BENT GOLDEN ASTER	G3	S3	C2	LE	10
LILIUM CATESBAEI	SOUTHERN RED LILY	G4G5	S2	N	LT	1
<u>NATURAL COMMUNITIES</u>						
ESTUARINE TIDAL MARSH		G4	S4			1
DEPRESSION MARSH		G5	S5			1
BLACKWATER STREAM		G4	S2			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 35
Total records tallied 112

October 5, 1988

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

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	SRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>INVERTEBRATES</u>						
ELIMIA CLENCHI	CLENCH'S ELIMIA	G2	S2	N	N	1
VILLOSA CROCTAWENSIS	ATHEARN'S VILLOSA	G2	S2	C2	N	1
<u>SPECIAL PLANTS</u>						
BAPTISIA HIRSUTA	HAIKY WILD INDIGO	G2Q	S2	C2	LT	2
CHRYSOPSIS CRUISEANA	CRUISE'S GOLDEN-ASTER	G2Q	S2	C1	N	2
CHRYSOPSIS GODFREYI	GODFREY'S GOLDEN ASTER	G2	S2	N	N	3
CHRYSOPSIS GOSSYPINA SSP CRUISEANA	CRUISE'S GOLDEN ASTER	G3G5T2	S2	C1	LE	5
DROSERA INTERMEDIA	SPOON-LEAVED SUNDEW	G5	S3	N	LT	1
GENTIANA PENNELLIANA	WIREGRASS GENTIAN	G2?	S2	3C	LE	3
HELIANTHEMUM ARENICOLA	GULF ROCKROSE	G3G4	S3	N	N	2
HEXASTYLIS ARTIFOLIA	HEARTLEAF	G5	S3	N	LT	2
HYPERICUM LISSOPHLOEUS	SMOOTH-BARKED ST. JOHN'S-WORT	G2	S2	C2	LE	1
ILLICLIUM FLORIDANUM	FLORIDA ANISE	G5	S3	N	LT	2
KALMIA LATIFOLIA	MOUNTAIN LAUREL	G5	S3	N	LT	3
LUPINUS WESTIANUS	GULF COAST LUPINE	G2	S2	3C	LT	10
MAGNOLIA ASHEI	ASHE'S MAGNOLIA	G2	S2	3C	LE	12
MAGNOLIA PYRAMIDATA	PYRAMID MAGNOLIA	G4	S2	N	LE	3
PINGUICULA IONANTHA	VIOLET-FLOMERED BUTTERWORT	G2	S2	C2	RE	1
PINGUICULA PLANIFOLIA	CHAPMAN'S BUTTERWORT	G3?	S2	C2	RE	1
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	G2	S2	C1	LT	12
QUERCUS ARKANSANA	ARKANSAS OAK	G3	S1S2	3C	N	4
RHEXIA SALICIFOLIA	PANHANDLE MEADOWBEAUTY	G2	S2	C2	N	3
RHODODENDRON AUSTRINUM	ORANGE AZALEA	G3G4	S3	3C	LE	3
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHER-PLANT	G3G5	S3	C2	LE	2
SARRACENIA RUBRA	SWEET PITCHER-PLANT	G3	S2	C2	LE	1
STEWARTIA MALACODENDRON	SILKY CAMELLIA	G4	S3	N	LE	1

October 5, 1988

FLORIDA NATURAL AREAS INVENTORY

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

SCIENTIFIC NAME	COMMON NAME	GRANK	SRANK	FED STATUS	STATE STATUS	Count
<u>SPECIAL PLANTS (cont.)</u>						
TEPHROSIA MOHRII	PINELAND HOARY-PEA	G27	S1	C2	N	6
THALICTRUM COOLEYI	COOLEY'S MEADOWRUE	G1	S1	C1	N	1
VERBESINA CHAPMANII	CHAPMAN'S CROMM-BEARD	G2	S2	C2	LT	2
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	G1G2	S1S2	C2	RE	17
LILIUM IRIDOLLAE	PANHANDLE LILY	G1	S1	C2	LE	1
PELTANDRA SAGITTIFOLIA	SPOON-FLOWER	G3G4	S3	N	N	1
XYRIS LONGISEPALA	KARST POND XYRIS	G2	S2	3C	LE	1
<u>NATURAL COMMUNITIES</u>						
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
SLOUGH		G5	S5			1
WET PRAIRIE	PITCHER PLANT PRAIRIE	G5	S4			2
SEEPAGE STREAM		G4	S2			3
BEACH DUNE		G4	S3			3
COASTAL STRAND		G3	S3			2
MESIC FLATWOODS	COASTAL LONGLEAF FLATWOODS	G5	S5			3
SCRUB		G3	S2			7
SLOPE FOREST		G3	S2			1
UPLAND PINE FOREST		G5	S4			2
<u>OTHER</u>						
BIRD ROOKERY						1
Total items						58
Total records tallied						302

Appendix F. Publication resulting from CZM work in 1988.

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RE-DISCOVERY OF *CALAMOVILFA CURTISSII* (GRAMINEAE)
IN THE FLORIDA PANHANDLE

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ABSTRACT

The range of *Calamovilfa curtissii* (Gramineae) in the Florida panhandle has been re-discovered and expanded. Observations on habitat, soils, associated species, and flowering response to fire are reported.

The Florida Natural Areas Inventory (FNAI) tracks populations of rare species in Florida, of which Curtiss' sand grass, *Calamovilfa curtissii* (Vasey) Scribn., is one. According to the published literature, this perennial grass is endemic to Florida in two disjunct regions: the northeast coast of the peninsula in Brevard, Volusia, St. Johns, and Duval Counties (Kral, 1982) and the panhandle in Santa Rosa and Okaloosa Counties (Thieret, 1966). However, none of the major Florida herbaria had specimens from the latter two (panhandle) counties. A query of major herbaria in the eastern United States turned up two specimens in the U. S. National Arboretum from Santa Rosa County. These were labelled "Grasses of the W. A. Silveus Collection, San Antonio, Texas" and had been collected on 14 August and 25 September, 1939 from "low damp ground - coast road east from Pensacola, U.S.98".

Accordingly, in August 1987 we checked the area east of Pensacola as described and found two populations of *C. curtissii* whose identity was confirmed by John

Thieret (KNK), David Hall (FLAS), and Robert Kral (VDB). Subsequent fieldwork uncovered over thirty sites for the species on the Florida panhandle in Santa Rosa, Okaloosa, and Walton counties (Fig. 1). One specimen from the Florida panhandle was deposited in each of the following: FLAS, FSU, KNK, NA, NY, UWFP, as well as at Tall Timbers Research Station, Tallahassee, and at Eglin Air Force Base, Niceville.

In the Florida panhandle, *C. curtissii* appears to be confined to the coastal plain below the 50-foot contour line in the three counties. Searches on adjacent barrier islands, as well as in suitable habitat on the coastal plain of neighboring Escambia and Bay Counties failed to turn up any populations (Fig. 1).

The plant occurs in wiregrass (*Aristida stricta*; nomenclature in this paper follows Clewell, 1981) flatwoods where it occupies the lightly shaded ecotone between the lower, wetter, unshaded areas of wiregrass, pitcher plants (*Sarracenia* spp.) and *Sphagnum* moss, and the slightly higher, drier areas with heavier shade from gallberry (*Ilex glabra*) and slash pine (*Pinus elliotii*). A second habitat for the species is in depressions known as temporary ponds surrounded by more xeric communities dominated by turkey oak (*Quercus laevis*) or sand pine (*Pinus clausa*). In these situations it may form monospecific stands without admixture with wiregrass. It is distinguishable in the field as large clumps, (up to 1 m diameter), resembling a head of hair, in the midst of the smaller, finer-bladed clumps of wiregrass. It can be distinguished from clumps of *Andropogon* spp. with which it grows by its longer, more scabrous leaf blades and short, thick rhizome. It often occurs on Leon Sand, a soil type with upper horizons colored dark gray by organic matter and a water table close to the surface during the rainy season (Soil Survey of Santa Rosa County, Florida, 1980). Only populations that had signs of being

recently burned or mechanically disturbed were flowering profusely; most populations visited during flowering season (July-October) had few or no flowering stalks. In its flowering response to fire it resembles the associated wiregrass, as well as cutthroat grass (*Panicum abscissum*), a species endemic to similar habitats in south-central Florida (Myers and Boettcher, 1987). Although *C. curtissii* occurs on many sites and has a population probably numbering in the thousands in the Florida panhandle, most of these sites are slated for real estate development. The only populations on publicly managed lands (and thus able to be protected) in the panhandle were found on Eglin Air Force Base (5 populations), Grayton Beach State Recreation Area (2 populations), and Naval Live Oaks, Gulf Islands National Seashore (1 small population).

In Brevard County, on the northeast peninsular coast, the species is known to occur only on the Kennedy Space Center, where it dominates several long, narrow coastal swales of the ridge and swale topography of Merritt Island. Kral (1983) also lists it from Volusia, St. Johns, and Duval Counties on this coast, but no herbarium specimens could be located from these counties, and fieldwork has produced only one questionable specimen (near Samsula, Volusia County; Johnson 8039 FSU). Appropriate wiregrass flatwoods habitat in these counties, however, might well repay a more intensive search for this rare species.

A similar disjunction between the Florida panhandle and the peninsula is seen in the ranges of several other Florida endemics (Kral, 1983), i.e. *Andropogon arctatus*, *Manisurus tuberculosa*, *Nolina atopocarpa*, and *Rhododendron chapmanii*, all of which are also found in wet flatwoods. One could speculate that the greatly expanded coastal terraces bordering the Gulf of Mexico during low sea level stands of glacial maxima provided a continuous wet flatwoods habitat between the panhandle and the

peninsula, a habitat that was subsequently severed by sea level rise, producing the disjunct ranges we now see.

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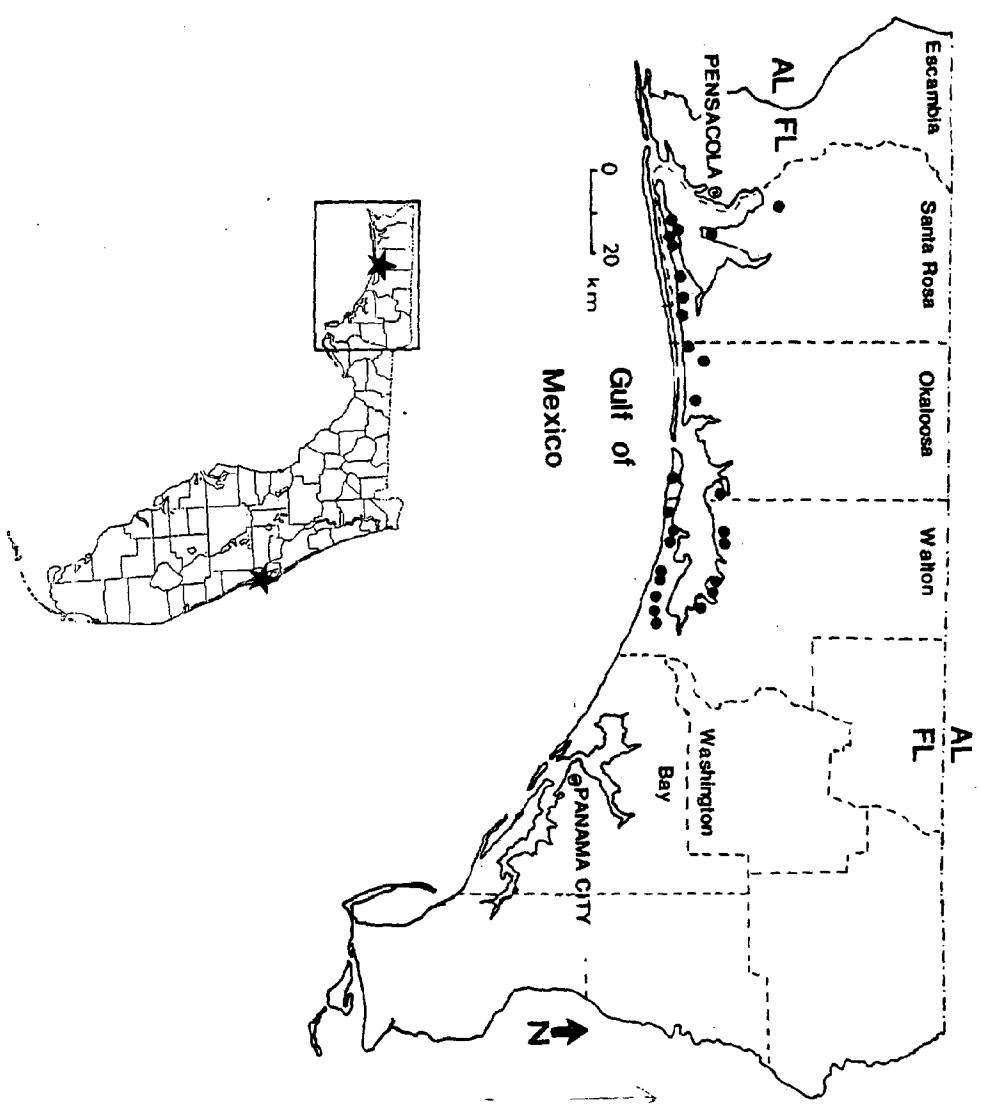
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FIGURE LEGENDS

Figure 1. Range of *Calamovilfa curtissii* in the Florida panhandle. Stars = the disjunct range of *C. curtissii* in Florida; filled circles = sites where *C. curtissii* was found in the panhandle.

FIGURE 1. (Johnson & Blyth)



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