

FLORIDA'S ENDANGERED SPECIES,
THREATENED SPECIES, AND SPECIES
OF SPECIAL CONCERN



29 January 2004

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

CONTENTS

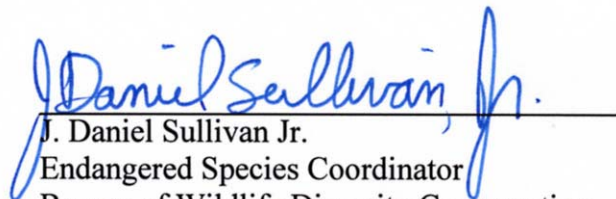
PREFACE	ii
NUMERICAL SUMMARY OF SPECIES LISTED BY STATE AND FEDERAL AGENCIES AS ENDANGERED, THREATENED, OR OTHERWISE CATEGORIZED AS OF CONCERN	iii
OFFICIAL LISTS	1
FISH	1
AMPHIBIANS	1
REPTILES	1
BIRDS	2
MAMMALS	3
INVERTEBRATES	5
CORALS	5
CRUSTACEANS	5
INSECTS	5
MOLLUSKS	5
KEY TO ABBREVIATIONS AND NOTATIONS	6

PREFACE

This document consolidates the official state and federal lists of endangered species, threatened species, and other species designated in some way by the respective jurisdictional agencies as meriting special protection or consideration. The Florida Fish and Wildlife Conservation Commission (FWC) maintains the state list of animals designated as endangered, threatened, or species of special concern, in accordance with Rules 68A-27.003, 68A-27.004, and 68A-27.005, respectively, Florida Administrative Code (F.A.C.) <http://fac.dos.state.fl.us/>. The state lists of plants, which are designated endangered, threatened, and commercially exploited, are administered and maintained by the Florida Department of Agriculture and Consumer Services (DOACS) via Chapter 5B-40, F.A.C. This list of plants can be obtained at <http://www.doacs.state.fl.us/~pi/index.html>. The federal agencies that share the authority to list species as Endangered and Threatened are the National Oceanic and Atmospheric Administration-National Marine Fisheries Service (NOAA-NMFS) and U. S. Fish and Wildlife Service (USFWS). The NOAA-NMFS is responsible for listing most marine species. The federal list of animals and plants is administered by the USFWS, and this list is published in 50 CFR 17 (animals) and 50 CFR 23 (plants). Additional information regarding federal listings can be located at the following websites; NOAA-NMFS - <http://www.nmfs.noaa.gov> and USFWS - <http://endangered.fws.gov/wildlife.html#Species>.

Please note that while the FWC has published this consolidated list of state and federally listed species for three decades, it now will be maintained and available at our agency website: <http://www.myfwc.org>. It is our intent by providing the list in this manner that we will be able to maintain a current list that is more readily available to the public. I would like to thank the following people who assisted in revising this list; Tom Logan, Jeff Gore, Paul Vincent, Paul Moler, George Wallace, Jim Rodgers, Karl Miller, Ted Hoehn, Darrell Scovell, Gray Bass, Kelly Donnelly, Elsa Haubold, Kipp Frohlich, Bill Brooks and the USFWS staff. Special appreciation is expressed to Ms. Angela T. Williams and Ms. Christine Yannett for their assistance with preparation of this document.

- **Common and scientific names listed first are as they appear in the FWC “Florida Wildlife Code Title 68A” (F.A.C). Common and/or scientific names following this and located within parentheses () contain names as used by USFWS, or other commonly used names.**


J. Daniel Sullivan Jr.
Endangered Species Coordinator
Bureau of Wildlife Diversity Conservation

Cover Photos by FWC Staff: Key Largo Woodrat, Burrowing Owls, Okaloosa Darter, Schaus' swallowtail butterfly, Short-tailed Snake.

**NUMERICAL SUMMARY OF SPECIES LISTED BY STATE AND FEDERAL AGENCIES AS
ENDANGERED, THREATENED, OR OTHERWISE CATEGORIZED AS OF CONCERN**

STATUS DESIGNATION	FISH	AMPHIBIANS	REPTILES	BIRDS	MAMMALS	INVERTEBRATES	TOTAL
-----------------------	------	------------	----------	-------	---------	---------------	-------

STATE

<u>FWC</u>							
E	3	0	6	8	20	4	41
T	2	0	10	10	4	0	26
SSC	10	5	8	18	6	4	51
TOTAL	15	5	24	36	30	8	118

FEDERAL

<u>USFWS</u>							
E	2	0	5	5	14	6	32
T	1	1	6	5	1	4	18
T(S/A)	0	0	1	0	1	0	2
XN	0	0	0	1	0	0	1
TOTAL	3	1	12	11	16	10	53

<u>NOAA- NMFS</u>							
E	0	0	0	0	4	0	4
TOTAL	0	0	0	0	4	0	4

FEDERAL TOTAL = 57*

* Total federal species listed comes to 57.

OFFICIAL LISTS

Common Name	Scientific Name	Designated Status		
		FWC	USFWS	NOAA-NMFS
<u>FISH</u>				
Atlantic sturgeon (Gulf sturgeon)	<i>Acipenser oxyrinchus</i> (<i>Acipenser oxyrinchus desotoi</i>)	SSC (1)	T	
shortnose sturgeon	<i>Acipenser brevirostrum</i>	E	E	
shoal bass	<i>Micropterus cataractae</i>	SSC (1,2)		
Suwannee bass	<i>Micropterus notius</i>	SSC (1)		
rivulus (mangrove rivulus)	<i>Rivulus marmoratus</i>	SSC (1)		
Lake Eustis pupfish	<i>Cyprinodon variegatus hubbsi</i>	SSC (1)		
blackmouth shiner	<i>Notropis melanostomus</i>	E		
bluenose shiner	<i>Pteronotropis welaka</i>	SSC (1,2)		
saltmarsh topminnow	<i>Fundulus jenkinsi</i>	SSC (1)		
key silverside	<i>Menidia conchorum</i>	T		
crystal darter	<i>Crystallaria asprella</i>	T		
harlequin darter	<i>Etheostoma histrio</i>	SSC (1)		
okaloosa darter	<i>Etheostoma okaloosae</i>	E	E	
Southern tessellated darter (tessellated johnny darter)	<i>Etheostoma olmstedi</i> <i>maculaticeps</i>	SSC (1)		
key blenny	<i>Starksia starcki</i>	SSC (1)		
<u>AMPHIBIANS</u>				
flatwoods salamander	<i>Ambystoma cingulatum</i>	SSC	T	
Georgia blind salamander	<i>Haideotriton wallacei</i>	SSC (1,2)		
pine barrens treefrog	<i>Hyla andersonii</i>	SSC (1)		
Florida bog frog	<i>Rana okaloosae</i>	SSC (2)		
gopher frog	<i>Rana capito</i>	SSC (1,2)		
<u>REPTILES</u>				
American alligator	<i>Alligator mississippiensis</i>	SSC (1,3)	T(S/A)*	
American crocodile	<i>Crocodylus acutus</i>	E	E	
key ringneck snake	<i>Diadophis punctatus acricus</i>	T		
Eastern indigo snake	<i>Drymarchon corais couperi</i>	T	T	
red rat snake	<i>Elaphe guttata</i>	SSC ¹ (1)		
Atlantic salt marsh water snake (Atlantic salt marsh snake)	<i>Nerodia clarkii taeniata</i>	T	T	

Common Name	Scientific Name	Designated Status		
		FWC	USFWS	NOAA
Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	SSC (2)		
short-tailed snake	<i>Stilosoma extenuatum</i>	T		
Florida brown snake	<i>Storeria dekayi victa</i>	T ¹		
rim rock crowned snake	<i>Tantilla oolitica</i>	T		
Florida ribbon snake	<i>Thamnophis sauritus sackeni</i>	T ¹		
bluetail mole skink	<i>Eumeces egregius lividus</i>	T	T	
Florida Key mole skink	<i>Eumeces egregius egregius</i>	SSC (1)		
sand skink	<i>Neoseps reynoldsi</i>	T	T	
gopher tortoise	<i>Gopherus polyphemus</i>	SSC (1,2,3)		
Barbour's map turtle	<i>Graptemys barbouri</i>	SSC (1,2)		
alligator snapping turtle	<i>Macrochelys temminckii</i>	SSC (1)		
striped mud turtle	<i>Kinosternon baurii</i>	E ¹		
Suwannee cooter	<i>Pseudemys concinna suwanniensis</i>	SSC (1,2)		
loggerhead seaturtle (loggerhead sea turtle)	<i>Caretta caretta</i>	T	T	
green seaturtle (green sea turtle)	<i>Chelonia mydas</i>	E	E ^a & T ^b	
leatherback seaturtle (leatherback sea turtle)	<i>Dermochelys coriacea</i>	E	E	
hawksbill seaturtle (hawksbill sea turtle)	<i>Eretmochelys imbricata</i>	E	E	
Kemp's ridley seaturtle (Kemp's ridley sea turtle)	<i>Lepidochelys kempii</i>	E	E	
<u>BIRDS</u>				
piping plover	<i>Charadrius melodus</i>	T	T	
snowy plover (Cuban snowy plover)	<i>Charadrius alexandrinus</i>	T		
American oystercatcher	<i>Haematopus palliatus</i>	SSC (1,2)		
brown pelican	<i>Pelecanus occidentalis</i>	SSC (1)		
black skimmer	<i>Rynchops niger</i>	SSC (1)		
least tern	<i>Sterna antillarum</i>	T		
roseate tern	<i>Sterna dougalli (Sterna dougallii dougallii)</i>	T	T	
limpkin	<i>Aramus guarauna</i>	SSC (1)		
reddish egret	<i>Egretta rufescens</i>	SSC (1,4)		
snowy egret	<i>Egretta thula</i>	SSC (1)		
little blue heron	<i>Egretta caerulea</i>	SSC (1,4)		
tricolored heron	<i>Egretta tricolor</i>	SSC (1,4)		

Common Name	Scientific Name	Designated Status		
		FWC	USFWS	NOAA
white ibis	<i>Eudocimus albus</i>	SSC (2)		
Florida sandhill crane	<i>Grus canadensis pratensis</i>	T		
whooping crane	<i>Grus americana</i>	SSC (5)	XN	
wood stork	<i>Mycteria americana</i>	E	E	
roseate spoonbill	<i>Platalea ajaja</i>	SSC (1,4)		
burrowing owl (Florida burrowing owl)	<i>Athene cunicularia</i> (<i>Athene cunicularia floridana</i>)	SSC (1)		
crested caracara (Audubon's crested caracara)	<i>Caracara cheriway</i> (<i>Polyborus plancus audubonii</i>)	T	T	
peregrine falcon	<i>Falco peregrinus</i>	E		
Southeastern American kestrel	<i>Falco sparverius paulus</i>	T		
bald eagle	<i>Haliaeetus leucocephalus</i>	T	T	
osprey	<i>Pandion haliaetus</i>	SSC ² (1,2)		
snail kite (Everglades snail kite)	<i>Rostrhamus sociabilis plumbeus</i>	E	E	
Florida scrub jay	<i>Aphelocoma coerulescens</i>	T	T	
Cape Sable seaside sparrow	<i>Ammodramus maritimus mirabilis</i>	E	E	
Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>	E	E	
Scott's seaside sparrow	<i>Ammodramus maritimus peninsulae</i>	SSC (1)		
Wakulla seaside sparrow	<i>Ammodramus maritimus juncicolus</i>	SSC (1)		
white-crowned pigeon	<i>Columba leucocephala</i>	T		
Kirtland's warbler	<i>Dendroica kirtlandii</i>	E		
Bachman's warbler	<i>Vermivora bachmanii</i>	E		
ivory-billed woodpecker	<i>Campephilus principalis</i>	E		
red-cockaded woodpecker	<i>Picoides borealis</i>	SSC	E	
Marian's marsh wren	<i>Cistothorus palustris marianae</i>	SSC (1)		
Worthington's marsh wren	<i>Cistothorus palustris griseus</i>	SSC (1)		
<u>MAMMALS</u>				
Florida panther	<i>Puma concolor coryi</i> (<i>Puma [=Felis] concolor coryi</i>)	E	E	
puma (= mountain lion)	<i>Puma [=Felis] concolor</i>		T (S/A)**	
red wolf	<i>Canis rufus</i>		E [†]	
Florida black bear	<i>Ursus americanus floridanus</i>	T ³		
Everglades mink	<i>Mustela vison evergladensis</i>	T		
key deer	<i>Odocoileus virginianus clavium</i>	E	E	

Common Name	Scientific Name	Designated Status		
		FWC	USFWS	NOAA
Lower Keys marsh rabbit	<i>Sylvilagus palustris hefneri</i>	E	E	
Big Cypress fox squirrel	<i>Sciurus niger avicennia</i>	T		
Sherman's fox squirrel	<i>Sciurus niger shermani</i>	SSC (1,2)		
Eastern chipmunk	<i>Tamias striatus</i>	SSC (1)		
Sanibel Island rice rat	<i>Oryzomys palustris sanibeli</i>	SSC (1,2)		
silver rice rat (rice rat, lower FL Keys)	<i>Oryzomys argentatus</i> (<i>Oryzomys palustris natator</i>)	E	E	
Key Largo woodrat	<i>Neotoma floridana smalli</i>	E	E	
Key Largo Cotton Mouse	<i>Peromyscus gossypinus allapaticola</i>	E	E	
Choctawhatchee beach mouse	<i>Peromyscus polionotus allophrys</i>	E	E	
Southeastern beach mouse	<i>Peromyscus polionotus niveiventris</i>	T	T	
Anastasia Island beach mouse	<i>Peromyscus polionotus phasma</i>	E	E	
St. Andrews beach mouse	<i>Peromyscus polionotus peninsularis</i>	E	E	
Perdido Key beach mouse	<i>Peromyscus polionotus trissyllepsis</i>	E	E	
Florida mouse	<i>Podomys floridanus</i>	SSC (1)		
Florida mastiff bat	<i>Eumops glaucinus floridanus</i>	E		
gray bat	<i>Myotis grisescens</i>	E		
Indiana bat	<i>Myotis sodalis</i>	E		
Florida saltmarsh vole (Florida salt marsh vole)	<i>Microtus pennsylvanicus dukecampbelli</i>	E	E	
Sherman's short-tailed shrew	<i>Blarina carolonensis</i> [= <i>brevicauda</i>] <i>shermani</i>	SSC (2)		
Homosassa shrew	<i>Sorex longirostris eionis</i>	SSC (2)		
sei whale	<i>Balaenoptera borealis</i>	E		
fin whale (finback whale)	<i>Balaenoptera physalus</i>	E		E
North Atlantic right whale (right whale)	<i>Eubalaena glacialis</i> (<i>Balaena glacialis</i> [<i>incl. australis</i>])	E		E
humpback whale	<i>Megaptera novaeangliae</i>	E		E
sperm whale	<i>Physeter macrocephalus</i>	E		
Caribbean monk seal	<i>Monachus tropicalis</i>			E ^{†d}
Florida manatee (West Indian manatee)	<i>Trichechus manatus latirostris</i> (<i>Trichechus manatus</i>)	E	E	

Common Name	Scientific Name	Designated Status		
		FWC	USFWS	NOAA
<u>INVERTEBRATES</u>				
<u>CORALS</u>				
pillar coral	<i>Dendrogyra cylindrus</i>	E		
<u>CRUSTACEANS</u>				
Panama City crayfish (econfina crayfish)	<i>Procambarus econfinae</i>	SSC (1)		
sims sink crayfish (Santa Fe cave crayfish)	<i>Procambarus erythropros</i>	SSC (1)		
black creek crayfish	<i>Procambarus pictus</i>	SSC (1)		
squirrel chimney cave shrimp (Florida cave shrimp)	<i>Palaemonetes cummingi</i>		T	
<u>INSECTS</u>				
Miami blue butterfly	<i>Cyclargus [=Hermiargus] thomasi bethunebakeri</i>	E		
Schaus' swallowtail butterfly	<i>Heraclides aristodemus ponceanus</i>	E	E	
<u>MOLLUSKS</u>				
Florida tree snail	<i>Liguus fasciatus</i>	SSC (1)		
Stock Island tree snail	<i>Orthalicus reses Orthalicus reses [not incl. nesodryas]</i>	E	T	
fat three-ridge	<i>Amblema neislerii</i>		E	
chipola slabshell	<i>Elliptio chipolaensis</i>		T	
purple bankclimber	<i>Elliptoideus sloatianus</i>		T	
shinyrayed pocketbook	<i>Lampsilis subangulata</i>		E	
Gulf moccasinshell	<i>Medionidus penicillatus</i>		E	
Ochlockonee moccasinshell	<i>Medionidus simpsonianus</i>		E	
oval pigtoe	<i>Pleurobema pyriforme</i>		E	

KEY TO ABBREVIATIONS AND NOTATIONS

List Abbreviations

FWC =	Florida Fish and Wildlife Conservation Commission
USFWS =	United States Fish and Wildlife Service
NOAA-NMFS =	National Oceanic and Atmospheric Administration-National Marine Fisheries Service
E =	Endangered
T =	Threatened
SSC =	Species of Special Concern
T (S/A) =	Threatened/Similarity of Appearance
XN =	Experimental Population, Non-Essential

Reasons for SSC listings prior to January 1, 2001 are indicated by the number in parenthesis under the following criteria:

- (1) has a significant vulnerability to habitat modification, environmental alteration, human disturbance, or human exploitation which, in the foreseeable future, may result in its becoming a threatened species unless appropriate protective or management techniques are initiated or maintained;
- (2) may already meet certain criteria for designation as a threatened species but for which conclusive data are limited or lacking;
- (3) may occupy such an unusually vital or essential ecological niche that should it decline significantly in numbers or distribution other species would be adversely affected to a significant degree;
- (4) has not sufficiently recovered from past population depletion, and
- (5) occurs as a population either intentionally introduced or being experimentally managed to attain specific objectives, and the species of special concern prohibitions in Rule 68A-27.002, F.A.C., shall not apply to species so designated, provided that the intentional killing, attempting to kill, possession or sale of such species is prohibited.

(FWC)

- ¹ Lower keys population only.
- ² Monroe County population only.
- ³ Other than those found in Baker and Columbia Counties or in Apalachicola National Forest.

(USFWS)

- ^a Breeding colony populations in FL and on Pacific coast of Mexico.
- ^b Wherever found except where listed as endangered.
- ^{tc} = (Except where XN) Presumed extinct in wild except experimental populations in NC & TN.

T (S/A)* = Similarity of Appearance to a Threatened Taxon in the Entire Range.

T (S/A)** = All subspecies except coryi. Similarity of Appearance to a Threatened Taxon in the U.S.A. (FL).

(NOAA-NMFS)

- ^{td} = No known populations in the wild, presumed extinct.