

FLORIDA'S ENDANGERED AND THREATENED SPECIES



November 2010
FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

CONTENTS

PREFACE	ii
NUMERICAL SUMMARY OF SPECIES	iii
OFFICIAL LISTS	1
FISH	1
AMPHIBIANS	1
REPTILES	1
BIRDS	2
MAMMALS	3
CORALS	4
CRUSTACEANS	5
INSECTS	5
MOLLUSKS	5

PREFACE

This document consolidates the official State of Florida's Endangered and Threatened Species List of wildlife. The Florida Fish and Wildlife Conservation Commission (FWC) maintains the state list of animals designated as Federally-designated endangered or threatened, State-designated threatened, State-designated species of special concern, in accordance with Rules 68A-27.003, and 68A-27.005, respectively, Florida Administrative Code (F.A.C.), <https://www.flrules.org/Default.asp>.

On November 8, 2010 new threatened species rules approved by the Commission went into effect. The list of wildlife contained herein reflect the changes to the rules. All federally listed species that occur in Florida are now included on Florida's list as federally-designated endangered or federally-designated threatened species. In addition, the state has a listing process to identify species that are not federally listed but at risk of extinction. These species will be called State-designated Threatened. All state-designated species were grandfathered on the list and are currently undergoing status reviews. FWC will continue to maintain a separate Species of Special Concern category until all the species have been reviewed and those species either designated as threatened or removed from the list.

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.fl-dof.com/forest_management/plant_conserve_list.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>.

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

Bradley J. Gruver, Ph. D., Listed Species Coordinator
Caly Murphy, Assistant Listed Species Coordinator
Species Conservation Planning Section
Division of Habitat and Species Conservation
Florida Fish and Wildlife Conservation Commission

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

NUMERICAL SUMMARY OF SPECIES

Listed by the State of Florida as Federal Endangered (FE), Federal Threatened (FT), State Threatened (ST), or State Species of Special Concern (SSC)

STATUS							
DESIGNATION	FISH	AMPHIBIANS	REPTILES	BIRDS	MAMMALS	INVERTEBRATES	TOTAL
FE	3	1	4	9	22	7	46
FT	1	1	7	4	1	6	20
FXN	0	0	0	1	0	0	1
ST	3	0	7	5	4	2	21
SSC	7	4	6	16	6	4	43
TOTAL	14	6	24	35	32	20	131

FLORIDA'S ENDANGERED AND THREATENED SPECIES OFFICIAL LIST

Common Name	Scientific Name	Status
<u>FISH</u>		
Atlantic sturgeon	<i>Acipenser oxyrinchus</i>	SSC
Blackmouth shiner	<i>Notropis melanostomus</i>	ST
Bluenose shiner	<i>Pteronotropis welaka</i>	SSC
Crystal darter	<i>Crystallaria asprella</i>	ST
Gulf sturgeon	<i>Acipenser oxyrinchus</i> [= <i>oxyrhynchus</i>] <i>desotoi</i>	FT
Harlequin darter	<i>Etheostoma histrio</i>	SSC
Key silverside	<i>Menidia conchorum</i>	ST
Lake Eustis pupfish	<i>Cyprinodon hubbsi</i>	SSC
Okaloosa darter	<i>Etheostoma okaloosae</i>	FE
Rivulus	<i>Rivulus marmoratus</i>	SSC
Saltmarsh topminnow	<i>Fundulus jenkinsi</i>	SSC
Shortnose sturgeon	<i>Acipenser brevirostrum</i>	FE
Smalltooth sawfish	<i>Pristis pectinate</i>	FE
Southern tessellated darter	<i>Etheostoma olmstedii</i> <i>maculaticeps</i>	SSC
<u>AMPHIBIANS</u>		
Florida bog frog	<i>Lithobates okaloosae</i>	SSC
Frosted flatwoods salamander	<i>Ambystoma cingulatum</i>	FT
Georgia blind salamander	<i>Haideotriton wallacei</i>	SSC
Gopher frog	<i>Lithobates capito</i>	SSC
Pine barrens treefrog	<i>Hyla andersonii</i>	SSC
Reticulated flatwoods salamander	<i>Ambystoma bishopi</i>	FE
<u>REPTILES</u>		
Alligator snapping turtle	<i>Macrochelys temminckii</i>	SSC
American alligator	<i>Alligator mississippiensis</i>	FT(S/A)
American crocodile	<i>Crocodylus acutus</i>	FT
Atlantic salt marsh snake	<i>Nerodia clarkii taeniata</i>	FT
Barbour's map turtle	<i>Graptemys barbouri</i>	SSC
Bluetail mole skink	<i>Eumeces egregius lividus</i>	FT
Eastern indigo snake	<i>Drymarchon corais couperi</i>	FT

Common Name	Scientific Name	Status
Florida brownsnake ¹	<i>Storeria victa</i>	ST
Florida Keys mole skink	<i>Eumeces egregius egregius</i>	SSC
Florida pine snake	<i>Pituophis melanoleucus mugitus</i>	SSC
Gopher tortoise	<i>Gopherus polyphemus</i>	ST
Green sea turtle	<i>Chelonia mydas</i>	FE
Hawksbill sea turtle	<i>Eretmochelys imbricata</i>	FE
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>	FE
Key ringneck snake	<i>Diadophis punctatus acricus</i>	ST
Leatherback sea turtle	<i>Dermochelys coriacea</i>	FE
Loggerhead sea turtle	<i>Caretta caretta</i>	FT
Peninsula ribbon snake ¹	<i>Thamnophis sauritus sackenii</i>	ST
Red rat snake ¹	<i>Elaphe guttata</i>	SSC
Rim rock crowned snake	<i>Tantilla oolitica</i>	ST
Sand skink	<i>Neoseps reynoldsi</i>	FT
Short-tailed snake	<i>Stilosoma extenuatum</i>	ST
Striped mud turtle ¹	<i>Kinosternon baurii</i>	ST
Suwannee cooter	<i>Pseudemys suwanniensis</i>	SSC
<u>BIRDS</u>		
American oystercatcher	<i>Haematopus palliatus</i>	SSC
Audubon's crested caracara	<i>Polyborus plancus audubonii</i>	FT
Bachman's wood warbler	<i>Vermivora bachmanii</i>	FE
Black skimmer	<i>Rynchops niger</i>	SSC
Brown pelican	<i>Pelecanus occidentalis</i>	SSC
Burrowing owl	<i>Athene cunicularia</i>	SSC
Cape Sable seaside sparrow	<i>Ammodramus maritimus mirabilis</i>	FE
Eskimo curlew	<i>Numenius borealis</i>	FE
Everglade snail kite	<i>Rostrhamus sociabilis plumbeus</i>	FE
Florida grasshopper sparrow	<i>Ammodramus savannarum floridanus</i>	FE
Florida sandhill crane	<i>Grus canadensis pratensis</i>	ST
Florida scrub-jay	<i>Aphelocoma coerulescens</i>	FT
Ivory-billed woodpecker	<i>Campephilus principalis</i>	FE
Kirtland's wood warbler	<i>Dendroica kirtlandii</i>	FE

Common Name	Scientific Name	Status
Least tern	<i>Sterna antillarum</i>	ST
Limpkin	<i>Aramus guarauna</i>	SSC
Little blue heron	<i>Egretta caerulea</i>	SSC
Marian's marsh wren	<i>Cistothorus palustris marianae</i>	SSC
Osprey ²	<i>Pandion haliaetus</i>	SSC
Piping plover	<i>Charadrius melodus</i>	FT
Red-cockaded woodpecker	<i>Picoides borealis</i>	FE
Reddish egret	<i>Egretta rufescens</i>	SSC
Roseate spoonbill	<i>Platalea ajaja</i>	SSC
Roseate tern	<i>Sterna dougallii dougallii</i>	FT
Scott's seaside sparrow	<i>Ammodramus maritimus peninsulae</i>	SSC
Snowy egret	<i>Egretta thula</i>	SSC
Snowy plover	<i>Charadrius alexandrinus</i>	ST
Southeastern American kestrel	<i>Falco sparverius paulus</i>	ST
Tricolored heron	<i>Egretta tricolor</i>	SSC
Wakulla seaside sparrow	<i>Ammodramus maritimus juncicola</i>	SSC
White-crowned pigeon	<i>Patagioenas leucocephala</i>	ST
Whooping crane	<i>Grus americana</i>	FE(XN)
White ibis	<i>Eudocimus albus</i>	SSC
Worthington's marsh wren	<i>Cistothorus palustris griseus</i>	SSC
Wood stork	<i>Mycteria americana</i>	FE
<u>MAMMALS</u>		
Anastasia Island beach mouse	<i>Peromyscus polionotus phasma</i>	FE
Big Cypress fox squirrel	<i>Sciurus niger avicennia</i>	ST
Caribbean monk seal	<i>Monachus tropicalis</i>	FE
Choctawhatchee beach mouse	<i>Peromyscus polionotus Allophrys</i>	FE
Eastern chipmunk	<i>Tamias striatus</i>	SSC
Everglades mink	<i>Neovison vison evergladensis</i>	ST
Finback whale	<i>Balaenoptera physalus</i>	FE
Florida black bear ³	<i>Ursus americanus floridanus</i>	ST
Florida mastiff bat	<i>Eumops glaucinus floridanus</i>	ST
Florida mouse	<i>Podomys floridanus</i>	SSC

Common Name	Scientific Name	Status
Florida panther	<i>Puma [=Felis] concolor coryi</i>	FE
Florida salt marsh vole	<i>Microtus pennsylvanicus dukecampbelli</i>	FE
Gray bat	<i>Myotis grisescens</i>	FE
Gray wolf	<i>Canis lupus</i>	FE
Homosassa shrew	<i>Sorex longirostris eonis</i>	SSC
Humpback whale	<i>Megaptera novaeangliae</i>	FE
Indiana bat	<i>Myotis sodalis</i>	FE
Key deer	<i>Odocoileus virginianus clavium</i>	FE
Key Largo cotton mouse	<i>Peromyscus gossypinus allapaticola</i>	FE
Key Largo woodrat	<i>Neotoma floridana smalli</i>	FE
Lower Keys rabbit	<i>Sylvilagus palustris hefneri</i>	FE
North Atlantic right whale	<i>Eubalaena glacialis</i>	FE
Perdido Key beach mouse	<i>Peromyscus polionotus trissyllepsis</i>	FE
Red wolf	<i>Canis rufus</i>	FE
Rice rat	<i>Oryzomys palustris natator</i>	FE ¹
Sanibel Island rice rat	<i>Oryzomys palustris sanibeli</i>	SSC
Sei whale	<i>Balaenoptera borealis</i>	FE
Sherman's fox squirrel	<i>Sciurus niger shermani</i>	SSC
Sherman's short-tailed shrew	<i>Blarina carolonensis shermani</i>	SSC
Southeastern beach mouse	<i>Peromyscus polionotus niveiventris</i>	FT
Sperm whale	<i>Physeter catodon</i> [= <i>macrocephalus</i>]	FE
St. Andrew beach mouse	<i>Peromyscus polionotus peninsularis</i>	FE
West Indian manatee	<i>Trichechus manatus</i>	FE
INVERTEBRATES		
<u>CORALS</u>		
Elkhorn coral	<i>Acropora palmate</i>	FT
Pillar coral	<i>Dendrogyra cylindricus</i>	ST
Staghorn coral	<i>Acropora cervicornis</i>	FT

Common Name**Scientific Name****Status**

<u>CRUSTACEANS</u>		
Black Creek crayfish (Spotted royal crayfish)	<i>Procambarus pictus</i>	SSC
Panama City crayfish	<i>Procambarus econfinae</i>	SSC
Santa Fe Cave crayfish	<i>Procambarus erythrops</i>	SSC
Squirrel Chimney Cave shrimp	<i>Palaemonetes cummingi</i>	FT
<u>INSECTS</u>		
American burying beetle	<i>Nicrophorus americanus</i>	FE
Miami blue butterfly	<i>Cyclargus thomasi</i> <i>bethunebakeri</i>	ST
Schaus' swallowtail butterfly	<i>Heraclides aristodemus</i> <i>ponceanus</i>	FE
<u>MOLLUSKS</u>		
Chipola slabshell (mussel)	<i>Elliptio chiplolaensis</i>	FT
Fat threeridge (mussel)	<i>Amblema neislerii</i>	FE
Florida treesnail	<i>Liguus fasciatus</i>	SSC
Gulf moccasinshell (mussel)	<i>Medionidus penicillatus</i>	FE
Ochlockonee moccasinshell (mussel)	<i>Medionidus simpsonianus</i>	FE
Oval pigtoe (mussel)	<i>Pleurobema pyriforme</i>	FE
Purple bankclimber (mussel)	<i>Elliptoideus sloatianus</i>	FT
Shinyrayed pocketbook (mussel)	<i>Lampsilis subangulata</i>	FE
Stock Island tree snail	<i>Orthalicus reses</i> [not incl. nesodryas]	FT

KEY TO ABBREVIATIONS AND NOTATIONS

List Abbreviations

FWC =	Florida Fish and Wildlife Conservation Commission
FE =	Federal Endangered
FT =	Federal Threatened
ST =	State Threatened
SSC =	Species of Special Concern
F(XN) =	Federal listed as an experimental population in Florida
FT(S/A) =	Federal Threatened due to similarity of appearance

List Notations

- 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.