

FLORIDA'S ENDANGERED AND THREATENED SPECIES



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FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

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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, or 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 (<https://www.flrules.org/gateway/ChapterHome.asp?Chapter=68A-27>). 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 and have recently undergone biological status reviews that were presented at the June 2011 Commission meeting and approved. Based on the status reviews and other information, staff recommended that 40 of the 61 species evaluated be included on Florida's Threatened list in addition to the three species (gopher tortoise, Miami blue butterfly and Panama City crayfish) that were reviewed in the past decade. Staff recommended that 16 species be removed from the existing list. Three of these were classified as State-designated Threatened species at the time, and 13 are still classified as State Species of Special Concern. These listing status changes will **not** occur until species action plans and a comprehensive Imperiled Species Management plan are approved for all of the 60 species evaluated that do not have recent management plans completed. FWC will continue to maintain a separate Species of Special Concern category until all the species have been reviewed and those species are either designated as State-designated Threatened, or given a management plan and 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.freshfromflorida.com/Divisions-Offices/Florida-Forest-Service/Our-Forests/Forest-Health/Florida-Statewide-Endangered-and-Threatened-Plant-Conservation-Program/Florida-s-Federally-Listed-Plant-Species>.

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 the 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/pr/species/esa/listed.htm> and USFWS - http://ecos.fws.gov/tess_public/reports/ad-hoc-species-report?kingdom=V&kingdom=I&status=E&status=T&status=EmE&status=EmT&status=EXPE&status=EXPN&status=SAE&status=SAT&mapstatus=3&fcrithab=on&fstatus=on&fspecrule=on&finvpop=on&fgroup=on&header=Listed+Animals.

- **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.**

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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 Federally-designated Endangered (**FE**), Federally-designated Threatened (**FT**), Federally-designated Threatened due to Similarity of Appearance [**FT(S/A)**], Federal Non-Essential Experimental Population (**FXN**), State-designated Threatened (**ST**), or State Species of Special Concern (**SSC**).

STATUS DESIGNATION	FISH	AMPHIBIANS	REPTILES	BIRDS	MAMMALS	INVERTEBRATES	TOTAL
FE	3	1	4	8	23	12	51
FT	2	1	6	5	1	15	30
FT(S/A)	0	0	1	0	0	3	4
FXN	0	0	0	1	0	0	1
ST	3	0	7	5	2	0	17
SSC	6	4	6	16	6	4	42
TOTAL	14	6	24	35	32	34	145

FLORIDA'S ENDANGERED AND THREATENED SPECIES OFFICIAL LIST

VERTEBRATES

FISH

Common Name	Scientific Name	Status
Atlantic sturgeon	<i>Acipenser oxyrinchus</i>	FE
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 [=oxyrhynchus] 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>	FT
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 maculaticeps</i>	SSC

AMPHIBIANS

Common Name	Scientific Name	Status
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

REPTILES

Common Name	Scientific Name	Status
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

Common Name	Scientific Name	Status
Eastern indigo snake	<i>Drymarchon corais couperi</i>	FT
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

BIRDS

Common Name	Scientific Name	Status
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 (Kirtland's warbler)	<i>Dendroica kirtlandii</i> (<i>Setophaga 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>Picooides 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 nivosus</i> (<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>	FXN
White ibis	<i>Eudocimus albus</i>	SSC
Worthington's marsh wren	<i>Cistothorus palustris griseus</i>	SSC
Wood stork	<i>Mycteria americana</i>	FT

MAMMALS

Common Name	Scientific Name	Status
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 bonneted (mastiff) bat	<i>Eumops [=glaucinus] floridanus</i>	FE
Florida mouse	<i>Podomys floridanus</i>	SSC
Florida panther	<i>Puma [=Felis] concolor coryi</i>	FE

Common Name	Scientific Name	Status
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 [=carolinensis] shermani</i>	SSC
Southeastern beach mouse	<i>Peromyscus polionotus niveiventris</i>	FT
Sperm whale	<i>Physeter catodon [=macrocephalus]</i>	FE
St. Andrew beach mouse	<i>Peromyscus polionotus peninsularis</i>	FE
West Indian manatee (Florida manatee)	<i>Trichechus manatus</i> (<i>Trichechus manatus latirostris</i>)	FE

INVERTEBRATES

CORALS

Common Name	Scientific Name	Status
Boulder star coral	<i>Orbicella franksi</i>	FT
Elkhorn coral	<i>Acropora palmata</i>	FT
Lobed star coral	<i>Orbicella annularis</i>	FT
Mountainous star coral	<i>Orbicella faveolata</i>	FT
Pillar coral	<i>Dendrogyra cylindricus</i>	ST
Rough cactus coral	<i>Mycetophyllia ferox</i>	FT
Staghorn coral	<i>Acropora cervicornis</i>	FT

CRUSTACEANS

Common Name	Scientific Name	Status
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 erythropus</i>	SSC
Squirrel Chimney Cave shrimp	<i>Palaemonetes cummingi</i>	FT

INSECTS

Common Name	Scientific Name	Status
American burying beetle	<i>Nicrophorus americanus</i>	FE
Bartram's scrub-hairstreak	<i>Strymon acisbartrami</i>	FE
Cassius blue butterfly	<i>Leptotes cassius theonus</i>	FT(S/A)
Ceraunus blue butterfly	<i>Hemiargus ceraunus antibubastus</i>	FT(S/A)
Miami blue butterfly	<i>Cyclargus thomasi bethunebakeri</i>	FE
Nickerbean blue butterfly	<i>Cyclargus ammon</i>	FT(S/A)
Schaus' swallowtail butterfly	<i>Heraclides aristodemus ponceanus</i>	FE

MOLLUSKS

Common Name	Scientific Name	Status
Chipola slabshell (mussel)	<i>Elliptio chipolaensis</i>	FT
Choctaw bean	<i>Villosa choctawensis</i>	FE
Fat threeridge (mussel)	<i>Amblema neislerii</i>	FE
Florida treesnail	<i>Liguus fasciatus</i>	SSC
Fuzzy pigtoe	<i>Pleurobema strodeanum</i>	FT
Gulf moccasinshell (mussel)	<i>Medionidus penicillatus</i>	FE
Narrow pigtoe	<i>Fusconai escambia</i>	FT
Ochlockonee moccasinshell (mussel)	<i>Medionidus simpsonianus</i>	FE
Oval pigtoe (mussel)	<i>Pleurobema pyriforme</i>	FE
Purple bankclimber (mussel)	<i>Elliptoideus sloatianus</i>	FT
Round ebonyshell	<i>Fusconaia rotulata</i>	FE
Shinyrayed pocketbook (mussel)	<i>Lampsilis subangulata</i>	FE
Southern kidneyshell	<i>Ptychobranchnus jonesi</i>	FE
Southern sandshell	<i>Hamiota australis</i>	FT

Common Name	Scientific Name	Status
Stock Island tree snail	<i>Orthalicus reses [not incl. nesodryas]</i>	FT
Tapered pigtoe	<i>Fusconaia burki</i>	FT

KEY TO ABBREVIATIONS AND NOTATIONS

List Abbreviations

FWC =	Florida Fish and Wildlife Conservation Commission
FE =	Federally-designated Endangered
FT =	Federally-designated Threatened
FXN =	Federally-designated Threatened Nonessential Experimental Population
FT(S/A) =	Federally-designated Threatened species due to similarity of appearance
ST =	State-designated Threatened
SSC =	State Species of Special Concern

List Notations

- ¹ Lower keys population only.
- ² Monroe County population only.

SPECIES ADDED, REVISED, OR REMOVED SINCE 2010

The Florida black bear was removed from Florida's Endangered and Threatened Species List on August 23, 2012 after approval by the Commission at the June 2012 Commission meeting. A new [Florida Black Bear Management Plan](#) was also approved at this meeting.

The Miami blue butterfly was emergency listed as Endangered by the U.S. Fish and Wildlife Service on August 10, 2011. On April 6, 2012, the Miami blue was officially listed as Endangered by the U.S. Fish and Wildlife Service. Effective September 9, 2012 the FWC listed the Miami blue butterfly as Federally-designated Endangered on Florida's Endangered and Threatened Species List.

The Cassius blue butterfly, ceraunus blue butterfly, and nickerbean blue butterfly were emergency listed as Threatened Due to Similarity of Appearance to the Miami blue by the U.S. Fish and Wildlife Service on August 10, 2011. On April 6, 2012, these three species were officially listed as Threatened Due to Similarity of Appearance to the Miami blue by the U.S. Fish and Wildlife Service. These three species were listed on Florida's Endangered and Threatened Species List as Federally-designated Threatened by Similarity of Appearance to the Miami blue butterfly effective September 9, 2012, and as such only the following prohibitions apply to these three species:

- a. Incidental take, that is, take that results from, but is not a purpose of, carrying out an otherwise lawful activity will not apply to cassius blue butterfly, ceraunus blue butterfly, and nickerbean blue butterfly.
- b. Collection of the cassius blue butterfly, ceraunus blue butterfly, and nickerbean blue butterfly is prohibited in coastal counties south of Interstate 4 and extending to the boundaries of the State of Florida at the endpoints of Interstate 4 at Tampa and Daytona Beach. Specifically, such activities are prohibited in the following counties: Brevard, Broward, Charlotte, Collier, De Soto, Hillsborough, Indian River, Lee, Manatee, Pinellas, Sarasota, St. Lucie, Martin, Miami-Dade, Monroe, Palm Beach, and Volusia

The Okaloosa darter was reclassified by the U.S. Fish and Wildlife Service on effective May 2, 2011 from Endangered to Threatened. A special rule under Section 4d of the Endangered Species Act was also adopted that allows Eglin Air Force Base to continue activities with a reduced regulatory burden and will provide a net benefit to the Okaloosa darter.

Several species of mussels were Federally listed by the U.S. Fish and Wildlife Service on October 10, 2012. These species include the: round ebonyshell, southern kidneyshell, Choctaw bean (all Endangered), tapered pigtoe, narrow pigtoe, southern sandshell, and fuzzy pigtoe (all Threatened).

The Florida bonneted bat was Federally listed as Endangered by the U.S. Fish and Wildlife Service on October 2, 2013 after receiving a petition for emergency listing.

The wood stork was reclassified by the U.S. Fish and Wildlife Service on June 30, 2014, from Endangered to Threatened.