



At-Risk Species in Florida's Panhandle

What is an "At-Risk Species" and who to contact

<http://www.fws.gov/southeast/candidateconservation/>
<https://www.fws.gov/panamacity/>

The U.S. Fish and Wildlife Service refers to "at-risk species" as species that have either been petitioned for listing, are candidates for listing, or are proposed for listing under the Endangered Species Act (ESA). Because at-risk species receive no statutory protection under the ESA, their future depends on voluntary cooperative conservation efforts of anyone who can help.

Background

In 2011, the Southeast Region of the U.S. Fish and Wildlife Service (FWS) began implementing a conservation strategy to comprehensively and systematically address the status of more than 400 fish, wildlife, and plant species that may need protection under the Endangered Species Act (ESA). Some of these "at-risk species" were already listed as candidates under the ESA, while others were recently petitioned to be listed.



Juvenile Barbour's Map Turtle (*Graptemys barbouri*)

The record number of species' evaluations is in part the result of a national, multidistrict litigation settlement agreement, as well as a mega-petition, brought by several conservation groups. The groups are asking the FWS to provide



West Florida Cow-lily (*Nuphar lutea ssp. ulvacea*)

federal protection to species that are currently candidates for federal protection (per the multidistrict litigation settlement agreement), as well consider over 400 new species for federal protection (per the mega-petition).

Candidate species are plants and animals for which the FWS has sufficient information on their biological status and threats to propose them as endangered or threatened under the ESA, but that development of a proposed listing regulation is precluded by higher priority listing activities.

In addition to biologists recommending a species be considered for federal listing, citizens may also petition the FWS to add species to the list of threatened and endangered species. In 2010, the Center for Biological Diversity (CBD) petitioned the FWS to list 404 aquatic-associated species in the Southeast. After our initial review, we determined that the petition presented substantial scientific or commercial information indicating that federal listing may be warranted for 374 of the 404 petitioned species. Therefore, we will be initiating status reviews to deter-

mine if listing is warranted for these species.

Subsequently, CBD also petitioned the FWS to list 53 reptile and amphibian species. Although we have not yet made an initial determination for the reptile and amphibian petition, we are interested in gathering information on the status of and threats for

these species as well.

We need your help

To ensure that the status reviews are comprehensive, the U.S. Fish and Wildlife Service is soliciting scientific and commercial data and other relevant information from the public regarding the species status and threats facing these species. Please send any information regarding distribution, abundance, genetics, ongoing conservation efforts, species habitat needs, and threats to the lead FWS contact.

How will the information I provide be used?

All information collected will be used by the FWS to perform a five factor threats analysis to determine whether federal listing is warranted for that species.

Who should I contact?

Over 150 of the at-risk species are native to Florida. Species assigned to the Panama City Field Office, and contact information for the lead FWS biologist, are listed on the back of this sheet.

If additional species information is needed, contact the lead FWS biologist or visit the links at the top of this page.



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Common name	Scientific name	FWS Status*	Lead Biologist
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Amphibians

One-Toed Amphiuma	<i>Amphiuma pholeter</i>	P	Harold Mitchell
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Caddisflies

Logan's Agarodes Caddisfly	<i>Agarodes logani</i>	P	Channing St. Aubin
Morse's Little Plain Brown Sedge	<i>Lepidostoma morsei</i>	P	Channing St. Aubin
Setose Cream and Brown Mottled Microcaddisfly	<i>Oxyethira setosa</i>	P	Channing St. Aubin
Sykora's Hydroptila Caddisfly	<i>Hydroptila sykora</i>	P	Channing St. Aubin
Three-toothed Long-horned Caddisfly	<i>Trienodes tridonta</i>	P	Channing St. Aubin

Crayfish

Big Blue Springs Cave Crayfish	<i>Procambarus horsti</i>	P	Patty Kelly
Coastal Flatwoods Crayfish	<i>Procambarus apalachicola</i>	P	Patty Kelly
Cypress Crayfish	<i>Cambarellus blacki</i>	P	Patty Kelly
Dougherty Plain Cave Crayfish	<i>Cambarus cryptodytes</i>	P	Patty Kelly
Panama City Crayfish	<i>Procambarus econfinae</i>	P	Patty Kelly
Wingtail Crayfish	<i>Procambarus latipleurum</i>	P	Patty Kelly

Dragonflies

Calvert's Emerald	<i>Somatochlora calverti</i>	P	Channing St. Aubin
Say's Spiketail	<i>Cordulegaster sayi</i>	P	Channing St. Aubin
Southern Snaketail	<i>Ophiogomphus australis</i>	P	Channing St. Aubin
Westfall's Clubtail	<i>Gomphus westfalli</i>	P	Channing St. Aubin
Yellow-sided Clubtail	<i>Stylurus potulentus</i>	P	Channing St. Aubin

Fish

Bluestripe Shiner	<i>Cyprinella callitaenia</i>	P	Gayle Martin
Broadstripe Shiner	<i>Pteronotropis euryzonus</i>	P	Gayle Martin
Halloween Darter	<i>Percina crypta</i>	P	Gayle Martin
Saltmarsh Top Minnow	<i>Fundulus jenkinsi</i>	P	Gayle Martin

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Mussels

Apalachicola Floater	<i>Anodonta heardi</i>	P	Sandy Pursiful
Brother Spike	<i>Elliptio fraterna</i>	P	Sandy Pursiful
Inflated Spike	<i>Elliptio purpurella</i>	P	Sandy Pursiful
Rayed Creekshell	<i>Anodontoides radiatus</i>	P	Sandy Pursiful
Southern Elktoe	<i>Alasmidonta triangulata</i>	P	Sandy Pursiful
Suwannee Moccasinshell	<i>Medionidus walkeri</i>	P	Sandy Pursiful

Plants

Bear Gum	<i>Nyssa ursina</i>	P	Dr. Vivian Negron-Ortiz
Blackbract Pipewort	<i>Eriocaulon nigrobracteatum</i>	P	Dr. Vivian Negron-Ortiz
Florida Pondweed	<i>Potamogeton floridanus</i>	P	Dr. Vivian Negron-Ortiz
Gulf Sweet Pitcherplant	<i>Sarracenia rubra ssp. gulfensis</i>	P	Dr. Vivian Negron-Ortiz
Henry's Spider-lily	<i>Hymenocallis henryae</i>	P	Dr. Vivian Negron-Ortiz
Karst Pond Xyris	<i>Xyris longisepala</i>	P	Dr. Vivian Negron-Ortiz
Panhandle Lily	<i>Lilium iridollae</i>	P	Dr. Vivian Negron-Ortiz
Panhandle Meadowbeauty	<i>Rhexia salicifolia</i>	P	Dr. Vivian Negron-Ortiz
Small-flower Meadowbeauty	<i>Rhexia parviflora</i>	P	Dr. Vivian Negron-Ortiz
Smooth-barked St. John's-wort	<i>Hypericum lissophloeus</i>	P	Dr. Vivian Negron-Ortiz
Variableleaf Indian Plantain	<i>Arnoglossum diversifolium</i>	P	Dr. Vivian Negron-Ortiz
West Florida Cow-lily	<i>Nuphar lutea ssp. ulvacea</i>	P	Dr. Vivian Negron-Ortiz
West's Flax	<i>Linum westii</i>	P	Dr. Vivian Negron-Ortiz

Reptiles

Apalachicola Common Kingsnake	<i>Lampropeltis getula meansi</i>	P	Harold Mitchell
Barbour's Map Turtle	<i>Graptemys barbouri</i>	P	Lisa Lehnhoff
Florida Red-bellied Turtle - FL Panhandle	<i>Pseudemys nelsoni pop. 1</i>	P	Lisa Lehnhoff

*P = Petitioned species

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