

# News Release

Office of Public Affairs  
5275 Leesburg Pike, MS-EA  
Falls Church, VA 22041-3803  
Phone: 703-358-2220  
Fax: 703-358-2245  
<http://www.fws.gov>



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Contact: Brian Hires, [brian\\_hires@fws.gov](mailto:brian_hires@fws.gov), 703-358-2191

## **Service Announces Recovery Plan Revisions for 43 Species, To Assist in Measuring Progress and Addressing Threats**

*Additions part of comprehensive effort to ensure all Endangered Species Act  
recovery plans contain quantifiable recovery goals*

As part of an agency-wide effort to advance the recovery of our nation's most imperiled species, the U.S. Fish and Wildlife Service has made publicly available draft revisions for 29 Endangered Species Act (ESA) recovery plans that provide a recovery roadmap for 43 federally protected species. This is the third batch of revised recovery plans, and is part of the Department of the Interior's Agency Priority Performance Goals, which call for all ESA recovery plans to include quantitative criteria on what constitutes recovery by September 2019.

Recovery plans are non-regulatory guidance documents that identify, organize and prioritize recovery actions, set measurable recovery objectives, and include time and cost estimates. In total, the Service will revise up to 182 recovery plans covering some 305 species listed under the ESA.

The Service's success in preventing extinctions and recovering species is due to ESA-inspired partnerships with diverse stakeholders, such as state, federal, and tribal wildlife agencies, industry, conservation groups and citizens. Each species for which recovery criteria are being revised in this effort has undergone or is currently undergoing a status review that considers the best scientific and commercial data that have become available since the species' listing or most recent status review. This information includes: (1) the biology of the species, (2) habitat conditions, (3) conservation measures that have benefitted the species, (4) threat status and trends in relation to the five listing factors, and (5) other information, data, or corrections.

As such, these revisions reflect scientific and informational updates, which have been gained from years of collaborative work with our partners. Revisions benefit endangered and threatened species, our partners, and the public by sharing the best available information about what is really needed to achieve recovery.

Under guidance established in 2010, partial revisions, such as amendments, allow the Service to update recovery plans with the latest science and information without having to revise the entire plan, which can be a time- and resource-intensive undertaking. (This batch includes both amendments and full recovery plan revisions, as noted in below table.)

There will be a 30-day comment period on the proposed revisions, ending on July 29, 2019. We are requesting submission of any information that may help achieve (1) the necessary understanding of species' biology, threats and recovery needs; (2) identification of implementation issues and concerns; and (3) facilitation of more effective implementation, associated with these draft revisions that update recovery criteria for these 43 species.

The plan revisions cover the following species:

**Table 1. List of Animals in Batch 3**

Common Name	Current Range	Recovery Plan Name	Internet Availability of Proposed Recovery Plan Revision
White sturgeon [Kootenai River DPS]	ID, MT, Canada (B.C.)	Draft Revised Recovery Plan for the Kootenai River Distinct Population Segment of the White Sturgeon <sup>1</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Kootenai_River_White_Sturgeon_Draft_Revised_RP_20181211a.pdf">https://ecos.fws.gov/docs/recovery_plan/Kootenai_River_White_Sturgeon_Draft_Revised_RP_20181211a.pdf</a>
Hutton tui chub	OR	Recovery Plan for the Threatened and Rare Native Fishes of the Warner Basin and Alkali Subbasin <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Hutton%20tui%20chub%20Draft%20Recovery%20Plan%20Amendment%2020181211a.pdf">https://ecos.fws.gov/docs/recovery_plan/Hutton%20tui%20chub%20Draft%20Recovery%20Plan%20Amendment%2020181211a.pdf</a>
Desert pupfish	AZ, CA, Mexico (Son.)	Desert Pupfish Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Desert%20Pupfish%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Desert%20Pupfish%20RP%20Amendment.pdf</a>
Mexican long-nosed bat	NM, TX, Mexico (Coah., Hgo., Mor., N.L., and Son.)	Mexican Long-nosed Bat Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20MX%20long-nosed%20bat%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20MX%20long-nosed%20bat%20RP%20Amendment.pdf</a>
Yaqui chub	AZ, Mexico (Son.)	Fishes of the Rio Yaqui Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Yaqui%20Chub%20RP%20Amendment_1.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Yaqui%20Chub%20RP%20Amendment_1.pdf</a>
Alabama cave shrimp	AL	Alabama Cave Shrimp ( <i>Palaemonias alabamae</i> ) Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Alabama%20Cave%20Shrimp_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Alabama%20Cave%20Shrimp_Recovery%20Plan%20Amendment.pdf</a>
Finelined pocket book (freshwater mussel)	AL, GA, TN	Recovery Plan for Mobile River Basin Aquatic Ecosystem <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/FinelinedPocketbook_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/FinelinedPocketbook_Recovery%20Plan%20Amendment.pdf</a>
Coosa moccasinshell	AL, GA, TN		<a href="https://ecos.fws.gov/docs/recovery_plan/Coosa%20moccasinshell%20and%20Southern%20pigtoe%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Coosa%20moccasinshell%20and%20Southern%20pigtoe%20Recovery%20Plan%20Amendment.pdf</a>
Southern pigtoe	AL, GA, TN		<a href="https://ecos.fws.gov/docs/recovery_plan/Southern_Clubshell%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Southern_Clubshell%20Recovery%20Plan%20Amendment.pdf</a>
Southern clubshell	AL, GA, MS, TN		<a href="https://ecos.fws.gov/docs/recovery_plan/Ovate_Clubshell_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Ovate_Clubshell_Recovery%20Plan%20Amendment.pdf</a>
Ovate clubshell	AL, GA, MS, TN		<a href="https://ecos.fws.gov/docs/recovery_plan/Ovate_Clubshell_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Ovate_Clubshell_Recovery%20Plan%20Amendment.pdf</a>
Georgia pigtoe	AL, GA, TN	Recovery Plan for Georgia pigtoe mussel, Interrupted rocksnail, and Rough hornsnail <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Georgia%20pigtoe%20Recovery%20Plan%20Amendment%20(1).pdf">https://ecos.fws.gov/docs/recovery_plan/Georgia%20pigtoe%20Recovery%20Plan%20Amendment%20(1).pdf</a>
Rough hornsnail	AL		<a href="https://ecos.fws.gov/docs/recovery_plan/Rough%20hornsnail%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Rough%20hornsnail%20Recovery%20Plan%20Amendment.pdf</a>
Purple bankclimber	AL, FL, GA	Recovery Plan for Endangered Fat Threeridge, Shinyrayed Pocketbook, Gulf Moccasinshell, Oval Pigtoe and	<a href="https://ecos.fws.gov/docs/recovery_plan/ACF%204%20Mussels%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/ACF%204%20Mussels%20RP%20Amendment.pdf</a>
Shinyrayed pocketbook	AL, FL, GA		
Gulf moccasinshell	AL, FL, GA		

Oval pigtoe	AL, FL, GA	Threatened Chipola Slabshell, and Purple bankclimber <sup>2</sup>	
Cave crayfish	AR, MO	Recovery Plan for the Cave Crayfish <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Cambarus%20aculabrum_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Cambarus%20aculabrum_Recovery%20Plan%20Amendment.pdf</a>
Etonia rosemary	FL	Recovery Plan for Etonia Rosemary <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Conradina%20etonia_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Conradina%20etonia_Recovery%20Plan%20Amendment.pdf</a>
Florida salt marsh vole	FL	Recovery Plan for the Florida Salt Marsh Vole <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Florida%20Salt%20Marsh%20Vole%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Florida%20Salt%20Marsh%20Vole%20Recovery%20Plan%20Amendment.pdf</a>
Anastasia Island beach mouse	FL	Recovery Plan for the Anastasia Island Beach Mouse and Southeastern Beach Mouse <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Anastasia%20Island%20Beach%20Mouse%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Anastasia%20Island%20Beach%20Mouse%20Recovery%20Plan%20Amendment.pdf</a>
Schaus' swallowtail butterfly	FL	South Florida Multi-Species Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Schaus_%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Schaus_%20Recovery%20Plan%20Amendment.pdf</a>
Key Largo cotton mouse	FL		<a href="https://ecos.fws.gov/docs/recovery_plan/Key%20Largo%20Cotton%20Mouse%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Key%20Largo%20Cotton%20Mouse%20Recovery%20Plan%20Amendment.pdf</a>
Key Largo woodrat	FL		<a href="https://ecos.fws.gov/docs/recovery_plan/Key%20Largo%20Wood%20Rat%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Key%20Largo%20Wood%20Rat%20Recovery%20Plan%20Amendment.pdf</a>
Tar River spiny mussel	NC	Tar River Spiny mussel Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/TarRiverSpinyMussel_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/TarRiverSpinyMussel_Recovery%20Plan%20Amendment.pdf</a>
Royal marstonia	TN	Recovery Plan for Royal Snail <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Royal%20Snail_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Royal%20Snail_Recovery%20Plan%20Amendment.pdf</a>
Yellow-shouldered blackbird	Puerto Rico	Recovery Plan for the Yellow-Shouldered Blackbird <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Yellow-shouldered%20blackbird%20Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Yellow-shouldered%20blackbird%20Recovery%20Plan%20Amendment.pdf</a>
<i>Cranichis ricartii</i> (No common name)	Puerto Rico, Cuba, Dominican Republic, French West Indies (Guadeloupe)	<i>Lepanthes eltoroensis</i> and <i>Cranichis ricartii</i> Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Cranichis_ricartii_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Cranichis_ricartii_Recovery%20Plan%20Amendment.pdf</a>
Higuero de Sierra	Puerto Rico	<i>Crescentia portoricensis</i> Recovery Plan <sup>2</sup>	<a href="https://ecos.fws.gov/docs/recovery_plan/Crescentia%20portoricensis_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Crescentia%20portoricensis_Recovery%20Plan%20Amendment.pdf</a>

<sup>1</sup> Denotes a full recovery plan revision.

<sup>2</sup> Denotes a recovery plan amendment.

**Table 2. List of Plants in Batch 3 (All are amendments)**

Common Name	Current Range	Recovery Plan Name	Internet Availability of Proposed Recovery Plan Revision
Arizona cliffrose	AZ	Arizona Cliffrose Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20AZ%20Cliffrose%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20AZ%20Cliffrose%20RP%20Amendment.pdf</a>

Nellie's cory cactus	TX	Nellie's Cory Cactus Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Nellies%20Cory%20Cactus%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Nellies%20Cory%20Cactus%20RP%20Amendment.pdf</a>
Davis's green pitaya	TX	Davis' Green Pitaya Cactus	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Davis%20Green%20Pitaya%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Davis%20Green%20Pitaya%20RP%20Amendment.pdf</a>
Little Aguja pondweed	TX	Little Aguja Pondweed Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Little%20Aguja%20Pondweed%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Little%20Aguja%20Pondweed%20RP%20Amendment.pdf</a>
Navasota ladies'-tresses	TX	Navasota Ladies'-Tresses Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20Navasota%20Ladies-tresses%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20Navasota%20Ladies-tresses%20RP%20Amendment.pdf</a>
Texas trailing phlox	TX	Texas Trailing Phlox Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Draft%20TX%20Trailing%20Phlox%20RP%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Draft%20TX%20Trailing%20Phlox%20RP%20Amendment.pdf</a>
Little amphianthus	AL, GA, SC	Recovery Plan for Three Granite Outcrop Plant Species	<a href="https://ecos.fws.gov/docs/recovery_plan/Granite_outcrop_plants_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Granite_outcrop_plants_Recovery%20Plan%20Amendment.pdf</a>
Black-spored quillwort	GA, SC		
Mat-forming quillwort	GA		
<i>Cranichis ricartii</i> (No common name)	Puerto Rico, Cuba, Dominican Republic, French West Indies (Guadeloupe)	<i>Lepanthes eltoroensis</i> and <i>Cranichis ricartii</i> Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Cranichis_ricartii_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Cranichis_ricartii_Recovery%20Plan%20Amendment.pdf</a>
<i>Etonia rosemary</i>	FL	Recovery Plan for Etonia Rosemary	<a href="https://ecos.fws.gov/docs/recovery_plan/Conradina%20etonia_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Conradina%20etonia_Recovery%20Plan%20Amendment.pdf</a>
Pelos del diablo	Puerto Rico	Pelos del diablo Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Aristida_portoricensis_Recovery_Plan_Amendment_3.pdf">https://ecos.fws.gov/docs/recovery_plan/Aristida_portoricensis_Recovery_Plan_Amendment_3.pdf</a>
<i>Aristida chaseae</i> (No common name)	Puerto Rico	Sierra Bermeja Plants <i>Aristida chaseae</i> , <i>Lyonia truncata</i> var. <i>proctorii</i> , and <i>Vernonia proctorii</i> Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/A.chaseae_L.Truncata_V.proctorii_Recovery_Plan_Amendment_2.pdf">https://ecos.fws.gov/docs/recovery_plan/A.chaseae_L.Truncata_V.proctorii_Recovery_Plan_Amendment_2.pdf</a>
<i>Lyonia truncata</i> var. <i>proctorii</i> (No common name)	Puerto Rico		
<i>Vernonia proctorii</i> (No common name)	Puerto Rico		
<i>Higuero de Sierra</i>	Puerto Rico	<i>Crescentia portoricensis</i> Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Crescentia%20portoricensis_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Crescentia%20portoricensis_Recovery%20Plan%20Amendment.pdf</a>
<i>St. Thomas prickly-ash</i>	Puerto Rico, Virgin Islands	St. Thomas Prickly-ash Recovery Plan	<a href="https://ecos.fws.gov/docs/recovery_plan/Z.%20thomasianum_Recovery%20Plan%20Amendment.pdf">https://ecos.fws.gov/docs/recovery_plan/Z.%20thomasianum_Recovery%20Plan%20Amendment.pdf</a>

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