



**Billing Code 4333–15**

**DEPARTMENT OF THE INTERIOR**

**Fish and Wildlife Service**

**[FWS–R4–ES–2018–N165; FXES11130900000C2–190–FF09E32000]**

**Endangered and Threatened Wildlife and Plants; Initiation of 5-Year Status  
Reviews for 36 Southeastern Species**

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of initiation of reviews; request for information.

**SUMMARY:** We, the U.S. Fish and Wildlife Service, are initiating 5-year status reviews of 36 species under the Endangered Species Act. A 5-year review is an assessment of the best scientific and commercial data available at the time of the review. We are requesting submission of information that has become available since the last reviews of these species.

**DATES:** To ensure consideration, we are requesting submission of new information no later than [INSERT DATE 60 DAYS AFTER THE DATE OF PUBLICATION IN THE

FEDERAL REGISTER]. However, we will continue to accept new information about any listed species at any time.

**ADDRESSES:** For instructions on how to submit information and review information that we receive on these species, see **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

**FOR FURTHER INFORMATION CONTACT:** For species-specific information, see **Request for New Information** under **SUPPLEMENTARY INFORMATION**.

Individuals who are hearing impaired or speech impaired may call the Federal Relay Service at 800-877-8339 for TTY assistance.

#### **SUPPLEMENTARY INFORMATION:**

##### **Why Do We Conduct 5-Year Reviews?**

Under the Endangered Species Act of 1973, as amended (ESA; 16 U.S.C. 1531 *et seq.*), we maintain lists of endangered and threatened wildlife and plant species in title 50 of the Code of Federal Regulations (CFR) at 50 CFR 17.11 (for wildlife) and 17.12 (for plants). Section 4(c)(2)(A) of the ESA requires us to review each listed species' status at least once every 5 years. Our regulations at 50 CFR 424.21 require that we publish a notice in the *Federal Register* announcing those species under active review. For additional information about 5-year reviews, go to <http://www.fws.gov/endangered/what-we-do/recovery-overview.html>.

### **Which Species Are Under Review?**

This notice announces our active 5-year reviews of the species in the following table.

ANIMALS					
Common name / Scientific name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final Listing rule (Federal Register citation and publication date)	Contact's mailing address
<i>Mammals</i>					
Mouse, Key Largo cotton ( <i>Peromyscus gossypinus allapaticola</i> )	Roxanna Hinzman keylargocottonmouse_5-yearreview@fws.gov 772-469-4357	Endangered	Florida	49 FR 34504; 8/31/1984	USFWS 1339 20th St Vero Beach, FL 32960
Mouse, Perdido Key beach ( <i>Peromyscus polionotus trissyllepsis</i> )	Kristi Yanchis panamacity@fws.gov 850-769-0552	Endangered	Florida	50 FR 23872; 6/6/1985	USFWS 1601 Balboa Ave Panama City, FL 32405
<i>Birds</i>					
Sparrow, Cape-sable seaside ( <i>Ammodramus maritimus mirabilis</i> )	Roxanna Hinzman CSSS_5-yearreview@fws.gov 772-469-4358	Endangered	Florida	32 FR 4001: 3/11/1967	USFWS 1339 20th St Vero Beach, FL 32960
Caracara, Audubon's crested ( <i>Polyborus plancus audubonii</i> )	Roxanna Hinzman crestedcaracara_5-yearreview@fws.gov 772-469-4359	Threatened	Florida	32 FR 4001: 3/11/1967	USFWS 1339 20th St Vero Beach, FL 32960
Kite, Everglade snail ( <i>Rostrhamus sociabilis plumbeus</i> )	Roxanna Hinzman Evergladesnailkite_5-yearreview@fws.gov 772-469-4360	Endangered	Florida	32 FR 4001: 3/11/1967	USFWS 1339 20th St Vero Beach, FL 32960

<i>Reptiles</i>					
Skink, bluetail mole ( <i>Eumeces egregious lividus</i> )	Roxanna Hinzman Bluetailmoleskink_5-yearreview@fws.gov 772-469-4338	Threatened	Florida	52 FR 42658; 11/6/1987	USFWS 1339 20th St Vero Beach, FL 32960
Skink, sand ( <i>Neoseps reynoldsi</i> )	Roxanna Hinzman sandskink_5-yearreview@fws.gov 772-469-4339	Threatened	Florida	52 FR 42658; 11/6/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Fishes</i>					
Darter, bluemask ( <i>Etheostoma akatulo</i> )	Todd Shaw cookeville@fws.gov 931-528-6481	Endangered	Tennessee	58 FR 68480; 12/27/1993	USFWS 446 Neal Street Cookeville, TN 38501
Darter, duskytail ( <i>Etheostoma percunurum</i> )	Warren Stiles cookeville@fws.gov 931-528-6481	Endangered	Kentucky, Tennessee, Virginia	58 FR 25758; 4/27/1993	USFWS 446 Neal Street Cookeville, TN 38501
Darter, snail ( <i>Percina tanasi</i> )	Stephanie Chance cookeville@fws.gov 931-528-6481	Threatened	Alabama, Georgia, Mississippi , Tennessee	49 FR 27510; 7/5/1984	USFWS 446 Neal Street Cookeville, TN 38501
Silverside, Waccamaw ( <i>Menidia extensa</i> )	Sarah McRae raleigh_es@fws.gov 919-856-4520	Threatened	North Carolina	52 FR 11277; 4/8/1987	USFWS 551 Pylon Drive, #F Raleigh, NC 27606
Sunfish, spring pygmy ( <i>Elassoma alabamae</i> )	Evan Collins alabama@fws.gov 251-441-5184	Threatened	Alabama	78 FR 60766; 10/2/2013	USFWS 1208B Main Street Daphne, AL 36526

<i>Clams</i>					
Fatmucket, Arkansas ( <i>Lampsilis powellii</i> )	Chris Davidson arkansas-es_recovery@fws.gov 501-513-4483	Threatened	Arkansas	55 FR 12797; 4/5/1990	USFWS 110 South Amity Rd Suite 300 Conway, AR 72032
Bean, Choctaw ( <i>Villosa choctawensis</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Endangered	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Pigtoe, fuzzy ( <i>Pleurobema stodeanum</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Threatened	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Pigtoe, narrow ( <i>Fusconaia escambia</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Threatened	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Mucket, Neosho ( <i>Lampsilis rafineoqueana</i> )	Chris Davidson arkansas-es_recovery@fws.gov 501-513-4483	Endangered	Arkansas, Kansas, Missouri, Oklahoma	78 FR 57076; 9/17/2013	USFWS 110 South Amity Rd Suite 300 Conway, AR 72032
Rabbitsfoot ( <i>Quadrula cylindrica cylindrica</i> )	Rebecca Peak arkansas-es_recovery@fws.gov 501-513-4475	Threatened	Alabama, Arkansas, Illinois, Indiana, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Ohio, Oklahoma, Pennsylvania, Tennessee	78 FR 57076; 9/17/2013	USFWS 110 South Amity Rd Suite 300 Conway, AR 72032

Ebonyshell, round ( <i>Fusconaia rotulata</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Endangered	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Kidneyshell, southern ( <i>Ptychobranchnus jonesii</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Endangered	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Sandshell, southern ( <i>Hamiota australis</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Threatened	Florida	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
Pigtoe , tapered ( <i>Fusconaia burkei</i> )	Sandy Pursiful panamacity@fws.gov 850-769-0552	Threatened	Florida /Georgia	77 FR 61663; 10/10/2012	USFWS 1601 Balboa Ave Panama City, FL 32405
<i>Snails</i>					
Snail, noonday ( <i>Mesodon clarki nantahala</i> )	Jason Mays fw4esasheville@fws.gov 828-258-3939	Threatened	North Carolina	43 FR 28932; 7/3/1978	USFWS 160 Zillico St Asheville, NC 28801
Marstonia, royal ( <i>Pyrgulopsis ogmorhapse</i> )	Stephanie Chance cookeville@fws.gov 931-528-6481	Endangered	Tennessee	59 FR 17994; 4/15/1994	USFWS 446 Neal Street Cookeville, TN 38501
<i>Insects</i>					
Butterfly, Saint Francis satyr ( <i>Neonympha mitchellii francisci</i> )	Rebecca Harrison raleigh_admin@fws.gov 919-856-4520	Endangered	North Carolina	60 FR 5264; 1/26/1995	USFWS 551 Pylon Drive, #F Raleigh, NC 27606
<b>PLANTS</b>					

Scientific name / Common name	Contact person, email, phone	Status (Endangered or Threatened)	States where the species is known to occur	Final Listing rule ( <i>Federal Register</i> citation and publication date)	Contact's mailing address
<i>Flowering Plants</i>					
<i>Arabis georgiana</i> (Georgia rockcress)	Michele Elmore georgiaes@fws.gov 706-613-9493	Threatened	Alabama, Georgia	79 FR 54627; 9/12/2014	USFWS 355 East Hancock Ave Room 320 Athens, GA 30601
<i>Banara vanderbiltii</i> (palo de ramon)	Carlos Pacheco caribbean_es@fws.gov 787-851-7297	Endangered	Puerto Rico	52 FR 1459; 1/14/1987	USFWS Road 301, Km 5.1 P.O. Box 491 Boquerón, PR 00622
<i>Chionanthus pygmaeus</i> (pygmy fringe tree)	Roxanna Hinzman pygmyfringetree_5-yearreview@fws.gov 772-469-4324	Endangered	Florida	52 FR 2227; 1/21/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Chromolaena frustrata</i> (Cape Sable thoroughwort)	Roxanna Hinzman capesablethoroughwort_5- yearreview@fws.gov 772-469-4325	Endangered	Florida	78 FR 63795; 10/24/2013	USFWS 1339 20th St Vero Beach, FL 32960
<i>Dicerandra christmanii</i> (Garrett's mint)	Roxanna Hinzman garrettsmint_5-yearreview@fws.gov 772-469-4326	Endangered	Florida	54 FR 38946; 9/21/1983	USFWS 1339 20th St Vero Beach, FL 32960
<i>Dicerandra frutescens</i> (scrub mint)	Roxanna Hinzman scrubmint_5-yearreview@fws.gov 772-469-4328	Endangered	Florida	50 FR 12587; 11/1/1985	USFWS 1339 20th St Vero Beach, FL 32960

<i>Geum radiatum</i> (spreading avens)	Rebekkah Reid fw4esasheville@fws.gov 828-258-3939	Endangered	North Carolina, Tennessee	55 FR 12793; 4/5/1990	USFWS 160 Zillicoa St Asheville, NC 28801
<i>Gymnoderma lineare</i> (rock gnome lichen)	Rebekkah Reid fw4esasheville@fws.gov 828-258-3939	Endangered	Georgia, North Carolina, South Carolina, Tennessee, Virginia	60 FR 3557; 1/18/1995	USFWS 160 Zillicoa St Asheville, NC 28801
<i>Hypericum cumulicola</i> (Highlands scrub hypericum)	Roxanna Hinzman Highlandscrubhypericum_5- yearreview@fws.gov 772-469-4308	Endangered	Florida	52 FR 2227; 1/21/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Warea carteri</i> (Carter's mustard)	Roxanna Hinzman cartersmustard_5-yearreview@fws.gov 772-469-4312	Endangered	Florida	52 FR 2227; 1/21/1987	USFWS 1339 20th St Vero Beach, FL 32960
<i>Ziziphus celata</i> (Florida ziziphus)	Roxanna Hinzman ziziphus_5-yearreview@fws.gov 772-469-4302	Endangered	Florida	54 FR 31190; 7/27/1989	USFWS 1339 20th St Vero Beach, FL 32960

## **What Information Do We Consider In Our Review?**

A 5-year review considers the best scientific and commercial data that have become available since the current listing determination or most recent status review of each species, such as:

- A. Species biology, including but not limited to population trends, distribution, abundance, demographics, and genetics;
- B. Habitat conditions, including but not limited to amount, distribution, and suitability;
- C. Conservation measures that have been implemented to benefit the species;
- D. Threat status and trends (see the five factors under **How Do We**

**Determine Whether a Species is Endangered or Threatened?**); and

- E. Other new information, data, or corrections, including but not limited to taxonomic or nomenclatural changes, identification of erroneous information contained in the List, and improved analytical methods.

We request any new information concerning the status of any of these 36 species. Information submitted should be supported by documentation such as maps, bibliographic references, methods used to gather and analyze the data, and/or copies of any pertinent publications, reports, or letters by knowledgeable sources.

We may conduct a species status assessment (SSA) for some of these species. An SSA is a biological risk assessment to aid decision makers who must use the best available scientific information to make policy decisions or recommendations under the ESA. The SSA provides decisionmakers with a scientifically rigorous characterization of a species' status, and of the likelihood that the species will sustain populations, along

with key uncertainties in that characterization. It presents a compilation of the best available information on a species, as well as its ecological needs, based on environmental factors. An SSA also describes the current condition of the species' habitat and demographics, and probable explanations for past and ongoing changes in abundance and distribution within the species' range. Finally, it forecasts the species' response to probable future scenarios of environmental conditions and conservation efforts. Overall, an SSA uses the conservation biology principles of resiliency, redundancy, and representation (collectively known as the "3 Rs") to evaluate the current and future condition of the species. As a result, the SSA characterizes a species' ability to sustain populations in the wild over time based on the best scientific understanding of current and future abundance and distribution within the species' ecological settings.

## **Definitions**

A. *Species* means any species or subspecies of fish, wildlife, or plant, and any distinct population segment of any species of vertebrate which interbreeds when mature.

B. *Endangered* means any species that is in danger of extinction throughout all or a significant portion of its range.

C. *Threatened* means any species that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

## **How Do We Determine Whether A Species Is Endangered or Threatened?**

Section 4(a)(1) of the ESA requires that we determine whether a species is endangered or threatened based on one or more of the following five factors:

- A. The present or threatened destruction, modification, or curtailment of its habitat or range;
- B. Overutilization for commercial, recreational, scientific, or educational purposes;
- C. Disease or predation;
- D. The inadequacy of existing regulatory mechanisms; or
- E. Other natural or manmade factors affecting its continued existence.

### **Request for New Information**

To do any of the following, contact the person associated with the species you are interested in under the table in Supplementary Information:

- A. To get more information on a species;
- B. To submit information on a species; or
- C. To review information we receive, which will be available for public inspection by appointment, during normal business hours, at the listed addresses.

### **Public Availability of Comments**

Comments and materials received will be available for public inspection, by appointment, during normal business hours at the offices where the comments are submitted. Comments we receive become part of the administrative record associated with this action. Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly

available at any time. While you can request in your comment that we withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so. All submissions from organizations or businesses, and from individuals identifying themselves as representatives or officials of organizations or businesses, will be made available for public disclosure in their entirety.

### **Availability of Status Reviews**

All completed status reviews under the ESA are available via the Service website, at <https://www.fws.gov/endangered/species/us-species.html>.

**Authority**

This document is published under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*).

**Dated: February 20, 2019.**

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**Mike Oetker,**

*Acting Regional Director, Southeast Region.*

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