

**U.S. Fish and Wildlife Service
North Atlantic-Appalachian Region
Endangered Species Act Update
October 15, 2020**

White-Nose Syndrome (WNS) (All States)

In Summer 2020, the fungus that causes WNS was detected for the first time in two more counties in western Washington. As part of disease surveillance efforts by the State, Pd was detected in guano samples from bat colonies in Chelan and Snohomish counties. Earlier this year Pd was detected for the first time in Montana, and WNS was confirmed for the first time in both North Dakota (Little Brown Myotis) and Texas (Cave Myotis). WNS has now been confirmed in 35 states and 7 Canadian provinces, and Pd without confirmation of WNS in 4 states. A new interactive map of the spread of Pd and WNS in North America is on www.whitenosesyndrome.org

WNS Grants:

- Service's funding opportunities:
 - Nineteen States were awarded funding through WNS Grants to States and Tribes in 2020. Additional awards for this funding opportunity are anticipated this Fall.
 - Six grants were awarded to address critical information needs through the WNS Research Grants funding opportunity. Additional research grants are also anticipated to be announced this Fall.
- The Bats for the Future Fund with National Fish and Wildlife Foundation is accepting proposals through November 12, 2020. More information is available at www.nfwf.org/bats

Monthly Conference Calls: The Service continues to host two monthly WNS conference calls, held on the first and third Thursdays of each month, to discuss WNS-related topics with state, Federal, tribal, and nongovernmental partners in the United States and Canada. Please contact Jeremy Coleman, National WNS Coordinator (jeremy_coleman@fws.gov), with requests to be added to the email list.

October 24 to 31 is Bat Week! Find more information on how you can get involved at www.BatWeek.org

More information on the national response to WNS can be found at <https://www.whitenosesyndrome.org/>.

For more information, contact Jeremy Coleman, jeremy_coleman@fws.gov, or Jonathan Reichard, Assistant National WNS Coordinator, jonathan_reichard@fws.gov, at the Regional Office.

Bats and SARS-CoV-2 (All States)

The USGS and the Service and other partners completed a rapid assessment of the risks for transmission of SARS-CoV-2 (the COVID-19 virus) from humans to bats. The Open File Report, *Assessing the Risks Posed by SARS-CoV-2 in and via North American Bats—Decision Framing and Rapid Risk Assessment*, is available at <https://pubs.er.usgs.gov/publication/ofr20201060>

To reduce the potential risk of people transmitting SARS-CoV-2 to bats, the Director of the Service has stipulated that Service employees, contractors, volunteers, permittees, and fund recipients, and people working with bats on Service lands use COVID-specific protective equipment, including a nonvented N95 mask or respirator, or face covering with similar level of protection, to conduct work involving contact with live, wild bats, or consider alternatives to coming into contact with live, wild bats. Other Federal agencies and state agencies have instituted additional precautions for work within their jurisdictions. The Service's lead biologists for listed bats are the main points of contact about any plans for winter surveys and other work with these species.

5-Year Reviews

- 1) Notices of Initiation of 5-Year Reviews (All States)** – The Northeast Region published a *Federal Register* notice announcing the initiation of 5-year reviews for 10 species on October 13, 2020: Virginia fringed mountain snail (*Polygyriscus virginianus*) (VA), Plymouth red-bellied cooter (*Pseudemys rubriventris*) (MA), Jesup's milk-vetch (*Astragalus robbinsii* var. *jesupii*) (NH, VT), Shale barren rock-cress (*Arabis serotina*) (VA, WV), Maryland darter (*Etheostoma sellare*) (MD), Lee County cave isopod (*Lirceus usdagalun*) (VA), James spinymussel (*Pleurobema collina*) (VA, WV), Red knot (*Calidris canutus rufa*) (CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VA, WV), Big Sandy crayfish (*Cambarus callainus*) (VA, WV), and Guyandotte River crayfish (*Cambarus veteranus*) (WV).

The *Federal Register* notice can be found at <https://www.federalregister.gov/documents/2020/10/13/2020-22547/endorsed-and-threatened-wildlife-and-plants-initiation-of-5-year-reviews-of-10-northeastern>

For more information, contact Abby Gelb in our Regional Office at abby_gelb@fws.gov.

- 2) Notices of Initiation of 5-Year Reviews (NY, PA, VA)** – The Service's Midwest Region has initiated 5-year reviews for five species occurring in the Northeast Region: eastern prairie fringed orchid (*Platanthera leucophaea*) (ME, VA), Leedy's roseroot (*Rhodiola integrifolia* ssp. *Leedyi*) (NY), northern wild monkshood (*Aconitum noveboracense*) (NY), Mitchell's satyr butterfly (*Neonympha mitchellii mitchellii*) (VA), and eastern massasauga rattlesnake (*Sistrurus catenatus*) (NY, PA).

The *Federal Register* notice can be found at

<https://www.federalregister.gov/documents/2020/08/31/2020-19083/endangered-and-threatened-wildlife-and-plants-initiation-of-5-year-status-reviews-of-14-listed>

For more information, contact Laura Ragan in the Midwest Regional Office at laura_ragan@fws.gov.

- 3) **Bog Turtle – SSA to Inform 5-year Review** (CT, DE, MA, MD, NY, NJ, PA) – A species status assessment (SSA) is underway for the northern population of the bog turtle (*Clemmys [=Glyptemys] muhlenbergii*). We expect to complete a draft of the SSA by September 2020 and the 5-year review in FY 2021. For more information, contact Noelle Rayman-Metcalf in our New York Field Office at noelle_rayman@fws.gov.
- 4) **Northern Red-bellied Cooter – SSA to Inform 5-year Review** (MA) – A species status assessment (SSA) is underway for the endangered northern red-bellied cooter (*Pseudemys rubriventris*). The SSA core team consists of Service and state biologists. The results of the SSA will inform a 5-year review recommendation whether to retain this species as endangered, downlist it to threatened, or delist it on the basis of recovery. We expect to complete a draft of the SSA in spring 2021 and the 5-year review shortly thereafter. For more information, contact Eliese Dykstra in our New England Field Office at eliese_dykstra@fws.gov.
- 5) **American Hart’s-Tongue Fern –5-year Review** (NY) – On July 29, 2020, the Service completed a 5-year review concluding that the American hart’s-tongue fern (*Asplenium scolopendrium var. americanum*) is recovered and no longer meets the definition of threatened or endangered. The review was based on a species status assessment (SSA). A post-delisting monitoring plan is under development, and publication of a proposed rule to delist the species is expected in 2021.

The 5-year review is available at https://ecos.fws.gov/docs/five_year_review/doc6488.pdf

For more information, contact John Wiley in our New York Field Office at john_wiley@fws.gov.

- 6) **Roseate Tern – 5-year Review** (CT, MA, ME, NH, NY, RI, VA) – On August 24, 2020, the Service completed a 5-year review concluding that the roseate tern (*Sterna dougallii*) should remain classified as an endangered species.

The 5-year review is available at https://ecos.fws.gov/docs/five_year_review/doc6559.pdf

For more information, contact Susi vonOetingen in our New England Field Office at susi_vonoetingen@fws.gov.

- 7) **Virginia Round-leaf Birch – 5-year Review** (VA) – On July 15, 2020, the Service completed a 5-year review concluding that the Virginia round-leaf birch (*Betula uber*) should remain classified as a threatened species.

The 5-year review is available at
https://ecos.fws.gov/docs/five_year_review/doc6563.pdf

For more information, contact Amariyls Irizarry in our Virginia Field Office at
amarilys_irizarry@fws.gov.

- 8) Diamond Darter – 5-year Review (WV)** – On August 27, 2020, the Service completed a 5-year review concluding that the diamond darter (*Crystallaria cincotta*) should remain classified as an endangered species.

The 5-year review is available at
https://ecos.fws.gov/docs/five_year_review/doc6564.pdf

For more information, contact Barbara Douglas in our West Virginia Field Office at
barbara_douglas@fws.gov.

- 9) Purple Bean – 5-year Review (VA)** – On August 31, 2020, the Service completed a 5-year review concluding that the purple bean (*Villosa perpurpurea*) should remain classified as an endangered species.

The 5-year review is available at
https://ecos.fws.gov/docs/five_year_review/doc6580.pdf

For more information, contact Jordan Richard in our Southwest Virginia Field Office at
jordan_richard@fws.gov.

- 10) Appalachian Monkeyface – 5-year Review (VA)** – On August 31, 2020, the Service completed a 5-year review concluding that the Appalachian monkeyface (*Quadrula sparsa*) should remain classified as an endangered species.

The 5-year review is available at
https://ecos.fws.gov/docs/five_year_review/doc6575.pdf

For more information, contact Rose Agbalog in our Southwest Virginia Field Office at
rose_agbalog@fws.gov.

Recovery Planning

- 1) Virginia Big-Eared Bat – Recovery Plan Amendment (VA, WV)** – The Service has prepared a draft recovery plan amendment for the endangered Virginia big-eared bat (*Corynorhinus (=Plecotus) townsendii virginianus*). The Service’s West Virginia Field Office coordinated these efforts with state natural resource agency and Service field office personnel in West Virginia, Virginia, North Carolina, Tennessee, and Kentucky. A Notice of

Availability of the draft plan amendment was published in the *Federal Register* on August 6, 2019, for public comment; the comment period ended on September 5, 2019. The Service expects to issue a final plan amendment in FY 2021.

The draft amendment can be found at

https://ecos.fws.gov/docs/recovery_plan/20190313_Draft%20VBEB%20Recovery%20Plan%20Amendment.

For more information, contact Barbara Douglas in our West Virginia Field Office at barbara_douglas@fws.gov.

- 2) **Red Knot – Initiation of Recovery Planning** (All States) – The Service has initiated recovery planning for the threatened rufa red knot (*Calidris canutus rufa*). In August 2019, we requested that internal and external partners provide any new information, and we invited biologists with knowledge of the species to participate in a series of webinar-based discussions that were held in October 2019. A draft SSA to inform the recovery plan and a technical draft of the recovery plan were circulated for peer and partner review and comment in May 2020. We anticipate announcement (in the *Federal Register*) of a public comment period on the formal draft recovery plan in late 2020 or early 2021. For more information, contact Wendy Walsh in our New Jersey Field Office at wendy_walsh@fws.gov.
- 3) **Diamond Darter – Initiation of Recovery Planning** (WV) – The Service has initiated recovery planning for the endangered diamond darter (*Crystallaria cincotta*). We have contacted internal and external partners to request any new information and to invite them to participate in recovery planning. We anticipate announcement (in the *Federal Register*) of a public comment period on the draft recovery plan in 2021. For more information, contact Barbara Douglas in our West Virginia Field Office at barbara_douglas@fws.gov.
- 4) **Northern Riffleshell and Clubshell Mussels – Initiation of Recovery Planning** (NY, PA, WV) – The Service has initiated preparation of a recovery planning for the endangered northern riffleshell (*Epioblasma toulosa rangiana*) and clubshell (*Pleurobema clava*). We have requested that internal and external partners provide any new information that may inform recovery planning. We anticipate announcement (in the *Federal Register*) of a public comment period on the draft recovery plan in 2021. For more information, contact Bob Anderson in our Pennsylvania Field Office at robert_m_anderson@fws.gov.
- 5) **Hay’s Spring Amphipod – Recovery Outline** (DC) – The Service has completed a recovery outline for the endangered Hay’s spring amphipod (*Stygobromus hayi*). The Service will soon initiate preparation of a draft recovery plan, which we expect to release for public review and comment in FY 2021.

The recovery outline is available at

https://ecos.fws.gov/docs/recovery_plan/20200916_Recovery%20outline_hays%20spring%20amphipod_signed.pdf

For more information, contact Julie Thompson in our Chesapeake Bay Field Office at julie_thompson@fws.gov.

- 6) Rusty Patched Bumble Bee – Draft Recovery Plan (MA, MD, ME, NJ, PA, VA, WV) –** The Service’s Midwest Region has prepared a draft recovery plan for the endangered rusty patched bumble bee (*Bombus affinis*). A Notice of Availability of the draft plan was published in the *Federal Register* on January 24, 2020, for public comment; the comment period ended on February 24, 2020.

The draft recovery plan can be found at <https://www.fws.gov/midwest/Endangered/insects/rpbb/>

For more information, contact Mark McCollough in our Maine Field Office at mark_mccollough@fws.gov.

Section 10 Incidental Take Permits - Habitat Conservation Plans (HCPs)

- 1) Albany Pine Bush Preserve HCP (NY) –** The Service issued an incidental take permit to the Albany Pine Bush Preserve Commission for take of the Karner blue butterfly (*Lycaeides melissa samuelis*; KBB) (and frosted elfin (*Callophrys irus*), should it be listed in the future) resulting from development of a recreation trail and general/emergency maintenance in occupied habitat on the grounds of the Discovery Center in Albany County, New York. Copies of the HCP, the final NEPA document, Biological Opinion, and the permit are available in the Service’s Ecological Conservation Online System (ECOS) Conservation Plans Database at <https://ecos.fws.gov/ecp0/conservationPlan/>
For more information, contact Noelle Rayman-Metcalf in our New York Field Office at noelle_rayman@fws.gov.
- 2) Pennsylvania Forestry HCP (PA) –** The Pennsylvania Game Commission (PGC) and the Department of Conservation and Natural Resources (DCNR) developed an HCP for take of the Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*) resulting from forest management activities on 1.4 million acres of PGC State Game Lands, 2.2 million acres of DCNR State Forests, and 295,000 acres of DCNR State Parks. The public review and comment period for the HCP and the associated NEPA analysis ended on August 21, 2020. The HCP and final NEPA documents are in preparation, and the Service anticipates making a permit decision by the end of the calendar year. The NOA, HCP, draft EA, and public comments are available in docket # FWS-R5-2013-0090-0011 at <https://beta.regulations.gov/docket/FWS-R5-ES-2013-0090/document>
For more information, contact Pamela Shellenberger in our Pennsylvania Field Office at pamela_shellenberger@fws.gov.
- 3) Oil and Gas Coalition Multi-State HCP (OH, PA, WV) –** A coalition of oil and gas companies is developing an HCP to cover midstream and upstream oil and gas exploration, production, and maintenance activities in Ohio, Pennsylvania, and West Virginia over a 35-

year period. The Coalition indicated that it intends to request ITP coverage for four bat species: the endangered Indiana bat (*Myotis sodalis*), the threatened northern long-eared bat (*Myotis septentrionalis*), the little brown bat (*Myotis lucifugus*), and the tricolored bat (*Perimyotis subflavus*). The Service is working with the Coalition on development of the HCP. For more information, contact Pamela Shellenberger in our Pennsylvania Field Office at pamela_shellenberger@fws.gov.

- 4) **Laurel Mountain Wind HCP (WV)** – The Service received an incidental take permit application from AES Laurel Mountain, LLC, who owns and operates the Laurel Mountain Wind Facility, for take of the Indiana bat (*Myotis sodalis*) and Virginia big-eared bat (*Corynorhinus (=Plecotus) townsendii virginianus*) resulting from operation of its 65-turbine wind facility in Randolph County, West Virginia. The Service is developing an environmental assessment (EA) for the project and expects to publish in the *Federal Register* a Notice of Availability of the HCP and EA for public comment in 2020. For more information, contact Chase Allred in our West Virginia Field Office at chase_allred@fws.gov.
- 5) **Allegheny Wood Products Blackwater Canyon HCP (WV)** – Allegheny Wood Products (AWP) is developing an HCP to cover take of nine listed and nonlisted species resulting from timber harvest and residential development activities on its Blackwater Canyon property in Tucker County, WV. The Service is working with AWP on development of the HCP. For more information, contact Chase Allred in our West Virginia Field Office at chase_allred@fws.gov.
- 6) **General Conservation Plan for the Indiana Bat and the Northern long-eared bat (NY, PA, WV, possibly others)** – The Service’s northeast Regional Office, New York, Pennsylvania, and West Virginia Field Offices are collaborating on the development of a General Conservation Plan (GCP) for certain recurring project types that could result in incidental take of the Indiana bat and the northern long-eared bat. If approved, the GCP could be adopted by eligible applicants as part of their applications for incidental take permits. Applicants that satisfy requirements outlined within the GCP and meet statutory and regulatory issuance criteria may be issued individual incidental take permits. For more information, contact Kevin Connally in our Regional Office at kevin_connally@fws.gov.
- 7) **Nemasket River Northern Red-bellied Cooter HCP (MA)** – The Middleborough-Lakeville Herring Fishery Commission initiated development of an HCP with the Service’s New England Field Office to conserve endangered Northern Red-bellied cooters (*Pseudemys rubriventris*). The purpose of the proposed project is to facilitate fish passage for native alewife (*Alosa pseudoharengus*) and blueback herring (*Alosa aestivalis*) that are adversely affected by reduced river flows in the Nemasket River caused by the invasive variable leaved watermilfoil (*Myriophyllum heterophyllum*, an aquatic plant). The proposed HCP will minimize and mitigate impacts to northern red-bellied cooters that may occur incidental to management of the invasive aquatic plant. For more information, contact Eliese Dykstra in our New England Field Office at eliese_dykstra@fws.gov.

Classification – Candidate Assessment; Petition Findings; Listing, Delisting, Reclassification, Critical Habitat Designation Rulemakings

- 1) National Listing Workplan (All States)** – On September 1, 2016, the Service announced a 7-year (FYs 2017 to 2023) plan to address our ESA listing workload. The National Workplan is based on the July 2016 final ESA Status Review Prioritization Methodology (<https://www.gpo.gov/fdsys/pkg/FR-2016-07-27/pdf/2016-17818.pdf>). The Prioritization Methodology and resulting Workplan allow us to address our current status review backlog in an efficient, predictable, and transparent manner. Under this approach, each status review is assigned to one of five priority categories, according to the imminence of threats, availability of relevant information, and ongoing conservation efforts by states and other stakeholders.

The National Workplan, updated as of May 2019, is posted at <https://www.fws.gov/endangered/what-we-do/listing-workplan.html>.

The National Workplan identifies each action’s completion date; work on the action will begin at least a year or two before this date, depending on the species’ range, other biological complexities, and staffing consideration. In initiating each scheduled Species Status Assessment (SSA), the Service will coordinate with State Directors and biological staff. If you have information or questions about the species that occur in your area, we ask that you coordinate with the Field Office Supervisor in the appropriate state. For some of these species, the Service’s lead field office is one located in another Service Region.

For more information, contact Martin Miller in our North Atlantic-Appalachian Regional Office at martin_miller@fws.gov.

- 2) Candy Darter – Final Critical Habitat Designation (VA, WV)** – On November 21, 2018, the Service published in the *Federal Register* a proposed critical habitat rule for the candy darter (*Etheostoma osburni*). The 2018 rule proposed to designate a total of approximately 596 stream kilometers (370 stream miles) in Virginia and West Virginia. The proposed rule opened a 60-day public comment period that ended on January 22, 2019. We expect to complete a final decision on the proposal in FY 2021.

The proposed rule can be found at <https://www.govinfo.gov/content/pkg/FR-2018-11-21/pdf/2018-25315.pdf>.

Supporting documents can be viewed through www.regulations.gov under docket # FWS–R5–ES–2018–0050.

For more information, contact Keith Hastie in our Regional Office at keith_hastie@fws.gov.

- 3) American Burying Beetle – Final Rule to Downlist with 4(d) Rule (AR, KS, OK, MA, NE, OH, RI, SD, TX)** – On October 15, 2020, the Service published in the *Federal Register* a final rule reclassifying the American burying beetle (*Nicrophorus americanus*) from

endangered to threatened with a final section 4(d) rule identifying activities that would be prohibited unless authorized.

The final rule can be found at

https://www.govinfo.gov/content/pkg/FR-2020-10-15/pdf/2020-19810.pdf?utm_campaign=subscription%20mailing%20list&utm_source=federalregister.gov&utm_medium=email

For more information, contact Cynthia Corsair in our Southern New England – New York Bight Coastal Program Office at cynthia_corsair@fws.gov.

- 4) Black-capped Petrel – Proposed Rule to List** (offshore areas of VA, NC, SC, GA, FL; and Cuba, Bahamas, Dominican Republic, Haiti, and other Caribbean Islands) – On October 9, 2018, the Service published in the *Federal Register* a proposed rule to list the black-capped petrel (*Pterodroma hasitata*) as a threatened species with a 4(d) rule. This pelagic seabird breeds on the Caribbean Islands and migrates long distances to foraging areas in the western Atlantic and southern Caribbean basins. The Service has determined that designating critical habitat for the black-capped petrel is not prudent at this time, but is seeking public comment on that determination. The proposed rule opened a 60-day public comment period that ended on December 10, 2018. We expect to complete a final decision on the proposal in FY 2021.

The proposed rule can be found at

<https://www.gpo.gov/fdsys/pkg/FR-2018-10-09/pdf/2018-21793.pdf>.

Additional information about the species, including the species status assessment (SSA) report and other supporting material, can be found at

<https://www.fws.gov/southeast/wildlife/birds/black-capped-petrel/>.

For more information, contact Tom White in our Puerto Rico Field Office at thomas_white@fws.gov.

- 5) Eastern Black Rail – Final Rule to List** (AL, AR, CO, CT, DE, FL, GA, IL, IN, IA, KS, KY, LA, MD, MS, MI, NE, NH, NJ, NY, NC, OH, OK, PA, Puerto Rico, RI, SC, TN, TX, VA, Virgin Islands, WV) – On October 8, 2020, the Service published in the *Federal Register* a final rule listing the eastern black rail (*Laterallus jamaicensis jamaicensis*) as a threatened species with a 4(d) rule. The Service is not designating critical habitat for the eastern black rail at this time due to concerns that identifying such areas may attract birders seeking out these shy and elusive birds, placing additional stress on the bird.

The final rule can be found at

<https://www.govinfo.gov/content/pkg/FR-2020-10-08/pdf/2020-19661.pdf#page=1>

Additional information about the species, including the species status assessment (SSA) report and other supporting material, can be found at

<https://www.fws.gov/southeast/wildlife/birds/eastern-black-rail/>.

For more information, contact Whitney Wiest in our South Carolina Field Office at whitney_wiest@fws.gov.

- 6) **Yellow Lance Mussel – Final Critical Habitat Designation** (MD, VA, NC, SC, GA) – On April 3, 2018, the Service published in the *Federal Register* a final rule listing the yellow lance (*Elliptio lanceolata*) as a threatened species and, on February 6, 2020, published in the *Federal Register* a proposed critical habitat designation. We expect to complete a final decision on the proposed critical habitat designation in FY 2021.

The final listing rule can be found at <https://www.gpo.gov/fdsys/pkg/FR-2018-04-03/pdf/2018-06735.pdf>.

The proposed critical habitat rule can be found at <https://www.govinfo.gov/content/pkg/FR-2020-02-06/pdf/2020-02294.pdf#page=1>

Supporting documents can be viewed through www.regulations.gov under docket # FWS–R4–ES–2017–0017.

For more information, contact Sarah McRae in our Raleigh North Carolina Field Office at sarah_mcrae@fws.gov.

- 7) **Elk River Crayfish –12-Month Petition Finding – Listing Not Warranted** (WV) – On July 23, 2020, the Service published in the *Federal Register* a 12-month finding that listing the Elk River crayfish (*Cambarus elkensis*) is not warranted. The Service completed a species status assessment (SSA) report to inform the 12-month finding.

The 12-month finding can be found at <https://www.regulations.gov/docket?D=FWS-R5-ES-2020-0025>

For more information, contact Barbara Douglas in our West Virginia Field Office at barbara_douglas@fws.gov.

- 8) **Northern Virginia Well Amphipod – Discretionary Status Review – Listing Not Warranted** (VA) – On July 23, 2020, the Service published in the *Federal Register* a 12-month finding that listing the Northern Virginia well amphipod (*Stygobromus phreaticus*) is not warranted. The Service completed a species status assessment (SSA) report to inform the 12-month finding.

The 12-month finding can be found at <https://www.regulations.gov/docket?D=FWS-R5-ES-2020-0026>

For more information, contact Sumalee Hoskin in our Virginia Field Office at sumalee_hoskin@fws.gov.

- 9) Big Sandy Crayfish and Guyandotte River Crayfish – Proposed Critical Habitat Designation** (VA, WV, KY) – On January 28, 2020, the Service published in the *Federal Register* a proposed critical habitat designation rule for the Big Sandy crayfish (*Cambarus callainus*) and the Guyandotte River crayfish (*C. veteranus*), which were listed as threatened and endangered, respectively, on April 7, 2016. We expect to complete a final decision on the proposed critical habitat designation in FY 2021.

The proposed critical habitat designation rule can be found at

<https://www.govinfo.gov/content/pkg/FR-2020-01-28/pdf/2020-01012.pdf>

Documents pertaining to the listing can be found at the following links:

- Final rule: <https://www.gpo.gov/fdsys/pkg/FR-2016-04-07/pdf/2016-07744.pdf>
- Big Sandy and Guyandotte River Crayfishes website: <http://www.fws.gov/northeast/crayfish/>

For more information, contact Keith Hastie in our Regional Office at keith_hastie@fws.gov.

- 10) Longsolid Mussel – Proposed Listing Rule, Critical Habitat Designation Rule, and 4(d) Rule** (AL, AR, GA, IL, IN, KY, NC, NY, OH, PA, TN, VA, WV) – On September 29, 2020, the Service published in the *Federal Register* a proposed rule to list the longsolid mussel (*Fusconaia subrotunda*) as a threatened species, to designate critical habitat, and to identify prohibited take under section 4(d) of the ESA. Publication of the proposed rule opens a public comment period, which closes on December 28, 2020.

The proposed rule can be found at

<https://www.govinfo.gov/content/pkg/FR-2020-09-29/pdf/2020-17015.pdf#page=1>

For more information, contact Andrew Henderson in the Asheville North Carolina Field Office at andrew_henderson@fws.gov.

- 11) Purple Lilliput Mussel – 12-Month Petition Finding – Listing Not Warranted** (AL, AR, IL, MI, MO, IN, TN, VA) – On September 29, 2020, the Service published in the *Federal Register* a 12-month petition finding that listing the purple lilliput (*Toxolasma lividus*) is not warranted.

The 12-month finding can be found at

<https://www.govinfo.gov/content/pkg/FR-2020-09-29/pdf/2020-17015.pdf#page=1>

For more information, contact Andrew Henderson in the Asheville North Carolina Field Office at andrew_henderson@fws.gov.

- 12) Round Hickorynut Mussel – SSA to Inform 12-Month Petition Finding** (AL, AR, GA, IL, IN, KY, MI, MS, OH, PA, TN, WV, Canada) – On September 29, 2020, the Service published in the *Federal Register* a proposed rule to list the round hickorynut (*Obovaria subrotunda*) as a threatened species, to designate critical habitat, and to identify prohibited

take under section 4(d) of the ESA. Publication of the proposed rule opens a public comment period, which closes on December 28, 2020.

The proposed rule can be found at

<https://www.govinfo.gov/content/pkg/FR-2020-09-29/pdf/2020-17015.pdf#page=1>

For more information, contact Andrew Henderson in the Asheville North Carolina Field Office at andrew_henderson@fws.gov.

- 13) Tidewater Amphipod - SSA to Inform 12-Month Petition Finding** (MD, VA, NC) – On September 27, 2011, the Service published in the *Federal Register* a 90-day finding that a petition to list the Tidewater amphipod (*Stygobromus indentatus*) presented substantial information indicating that listing the species may be warranted. The Service has completed a species status assessment (SSA), which will inform a 12-month finding. We expect to complete the 12-month finding in FY 2021. For more information, contact Julie Slacum Thompson in our Chesapeake Bay Field Office at julie_thompson@fws.gov.
- 14) Chowanoke Crayfish - SSA to Inform 12-Month Petition Finding** (VA, NC) – On September 27, 2011, the Service published in the *Federal Register* a 90-day finding that a petition to list the Chowanoke crayfish (*Faxonius [Orconectes] virginienensis*) presented substantial information indicating that listing the species may be warranted. The Service has initiated a species status assessment (SSA), which will inform a 12-month finding. We expect to complete the SSA and 12-month finding in FY 2021. For more information, contact Jennifer Stanhope in our Virginia Field Office at jennifer_stanhope@fws.gov.
- 15) Mountain Doll's Daisy – SSA to Inform 12-Month Petition Finding** (PA, VA, NJ) – On September 27, 2011, the Service published in the *Federal Register* a 90-day finding that a petition to list the [Mountain] doll's daisy (*Boltonia montana*) presented substantial information indicating that listing the species may be warranted. The Service has completed a species status assessment (SSA), which will inform a 12-month finding. We expect to complete the 12-month finding in FY 2021. For more information, contact Keith Hastie in our Regional Office at keith_hastie@fws.gov.
- 16) Monarch Butterfly – SSA to Inform 12-Month Petition Finding** (All States) – On December 31, 2014, the Service published in the *Federal Register* a 90-day finding that a petition to list the *plexippus* subspecies of the monarch butterfly (*Danaus plexippus*) presented substantial information indicating that listing the species may be warranted. The Service has completed a species status assessment (SSA), which will inform a 12-month finding. A court-approved settlement agreement with the petitioners originally required the Service to complete the status review and publish a listing determination for the monarch butterfly in the *Federal Register* no later than June 30, 2019. The Service and plaintiffs have agreed to extend this deadline to December 15, 2020, to allow us to analyze data from the 2018-2019 overwintering survey and the 2019-2020 overwintering survey and incorporate these analyses into the status review.

Additional information about the monarch butterfly can be found online at <https://www.fws.gov/savethemonarch/>.

For more information, contact Barbara Hosler in the Midwest Regional Office at barbara_hosler@fws.gov.

17) Lake Sturgeon – SSA to Inform 12-Month Petition Finding (AL, AR, GA, IA, IL, KS, KY, MI, MN, MO, NC, ND, NE, NY, OH, PA, SD, TN, VT, WI, WV) – On August 15, 2019, the Service published in the *Federal Register* a 90-day finding that a petition to list the lake sturgeon (*Acipenser fulvescens*) presented substantial information indicating that listing the species may be warranted. The Service’s Midwest Region, the lead for the species, is gathering information to inform the determination of a listing priority (Bin #) for the species. The listing priority will determine the schedule for initiating a species status assessment (SSA), which will inform a 12-month finding.

The 90-day finding can be found at <https://www.govinfo.gov/content/pkg/FR-2019-08-15/pdf/2019-17569.pdf#page=1>.

For more information, contact Barbara Hosler in the Midwest Regional Office at barbara_hosler@fws.gov.

18) Saltmarsh Sharp-tailed Sparrow – SSA to Inform Discretionary Status Review and Conservation Strategy (CT, DE, FL, GA, MA, MD, ME, NC, NH, NJ, NY, PA, RI, SC, VA) – The discretionary listing determination for the saltmarsh sharp-tailed sparrow (or saltmarsh sparrow for short) (*Ammodramus caudacutus*), originally scheduled for FY 2019, has been rescheduled for FY 2023. Rescheduling the listing determination will allow us to focus on the immediate conservation needs of the species and to fully incorporate into the species status assessment additional information about conservation efforts by our agency and partners, particularly through the Atlantic Coast Joint Venture. On October 8, 2020, the Service released a report describing the species’ current condition and threats to bolster planning and implementation of conservation efforts.

Additional information about the saltmarsh sparrow can be found at <http://acjv.org/coordinated-conservation-for-saltmarsh-sparrow/>.

For more information, contact Suzanne Paton in our Southern New England Coastal Program office at suzanne_paton@fws.gov.

19) Frosted Elfin Butterfly – SSA to Inform Discretionary Status Review and Conservation Strategy (AL, AR, CT, DC, DE, FL, GA, IL, IN, KY, KS, LA, MA, MD, MI, NC, NH, NJ, NY, OH, OK, PA, RI, SC, TN, TX, VA, VT, WI, WV; Canada (Ontario)) – The discretionary status review for the frosted elfin (*Callophrys irus*) is scheduled for September 30, 2023. To facilitate coordination among partners and implementation of conservation actions, we prepared a biological report describing the species’ current condition and threats to inform development of a conservation strategy. To reduce species distribution data gaps, we drafted pilot rangewide survey protocols and coordinated surveys, primarily in the

northeast Region, in spring 2019. We are re-evaluating our survey plans in light of the coronavirus pandemic. We will complete an SSA before making a recommendation on its status in FY 2023. For more information, contact Robyn Niver in our New York Field Office at robyn_niver@fws.gov.

20) Three Bat Species: Tri-colored Bat, Little Brown Bat, Northern Long-eared Bat – SSA to Inform Status Reviews (All States) – The Service is initiating an SSA for three bat species: for the tri-colored bat (*Perimyotis subflavus*) to inform 12-month petition finding; for the little brown bat (*Myotis lucifugus*) for a discretionary status review; and for the northern long-eared bat (*Myotis septentrionalis*) to inform 5-year review. We expect to complete these status determinations in FY 2022. Here is some additional information for each species:

Tri-colored Bat – On December 20, 2017, the Service published in the *Federal Register* a substantial 90-day finding on a petition to list the tri-colored bat as an endangered or threatened species. A substantial finding means that the petition presented substantial information indicating that ESA listing of the species may be warranted. The SSA will inform the 12-month finding on the petition. The Northeast Region has lead for this species. The tricolored bat’s 90-day finding, batched with findings for other species, can be found at <https://www.federalregister.gov/documents/2017/12/20/2017-27389/endangered-and-threatened-wildlife-and-plants-90-day-findings-for-five-species>.

Little Brown bat – The Service’s Midwest Region is initiating a discretionary status review for the little brown bat. In a letter dated June 15, 2020, the Center for Biological Diversity sent a letter to the states within the range of the species informing them that it intends to file a petition under the ESA to list the little brown bat and designate critical habitat.

Northern Long-eared Bat – The Service’s Midwest Region is initiating a 5-year review for the threatened northern long-eared bat to determine whether the species should retain its current status or be delisted or reclassified from threatened to endangered. The SSA will inform the 5-year review. On January 28, 2020, the U.S. District Court for the District of Columbia ruled on a lawsuit filed by the Center for Biological Diversity and Defenders of Wildlife. The court remanded to the Service its decision to list the species as threatened rather than endangered. The 5-year review for the species will serve to satisfy the court’s required reconsideration of the species’ listing status.

For more information, contact Melinda Turner in our Pennsylvania Field Office at melinda_turner@fws.gov or Jonathan JaKa in our Headquarters at jonathan_jaka@fws.gov.

21) Rufa Red Knot – Proposed Critical Habitat Designation (All States) – The Service is developing a proposed critical habitat designation rule for the red knot (*Calidris canutus rufa*), which was listed as a threatened species on December 11, 2014. On June 22, 2018, Defenders of Wildlife filed a lawsuit against the Service for failure to meet the statutory timeline for designating critical habitat for the *rufa* subspecies of red knot. The Service has a litigation deadline to send a proposed critical habitat rule to the *Federal Register* by June 30, 2021.

Documents pertaining to the listing rulemaking can be found at <http://www.fws.gov/northeast/redknot/>.

For more information, contact Wendy Walsh in our New Jersey Field Office at wendy_walsh@fws.gov.

- 22) Canada Lynx – SSA , 5-Year Review, Proposed Delisting Rule, and Proposed Post-delisting Monitoring Plan (ME, NH, VT) –** On January 11, 2018, the Service announced that it has completed a species status assessment (SSA) for the U.S. Distinct Population Segment (DPS) of Canada lynx (*Lynx canadensis*) and a 5-year review recommendation based on results of the assessment. The Service’s recommendation is that the DPS no longer warrants threatened status and should be considered for delisting due to recovery. The Service is developing a proposed delisting rule and post-delisting monitoring plan, which are expected to be made available for public comment in FY 2021.

Documents pertaining to the Canada lynx can be found at <https://www.fws.gov/mountain-prairie/es/canadaLynx.php>.

For more information, contact Anna Harris in our Maine Field Office at anna_harris@fws.gov.

- 23) Furbish’s Lousewort – Proposed Downlisting Rule (ME) –** On February 21, 2019, the Service completed a 5-year review for the Furbish’s lousewort (*Pedicularis furbishiae*), which recommends that the species be reclassified from endangered to threatened. We are now preparing a draft proposed downlisting rule, which we expect to publish in the *Federal Register* for public comment in FY 2021.

The 5-year review can be found at https://ecos.fws.gov/docs/five_year_review/doc5965.pdf.

For more information, contact Mark McCollough in our Maine Field Office at mark_mccollough@fws.gov.

- 24) Northeastern Bulrush – Proposed Delisting Rule and Draft Post-delisting Monitoring Plan (MD, MA, NH, NY, PA, VT, VA, WV) –** On August 28, 2019, the Service completed a 5-year review for the Northeastern bulrush (*Scirpus ancistrochaetus*), which recommends that the species be delisted due to recovery. The Service is preparing a proposed delisting rule, and, in cooperation with the states, a post-delisting monitoring plan. We expect to publish in the *Federal Register* the proposed delisting rule and notice announcing availability of a post-delisting monitoring plan in FY21.

The 5-year review can be found at https://ecos.fws.gov/docs/five_year_review/doc6123.pdf.

For more information, contact Maria Tur in our New England Field Office at maria_tur@fws.gov.

25) Virginia Sneezeweed – Proposed Delisting Rule and Draft Post-delisting Monitoring Plan (VA) – On April 23, 2020, the Service completed a 5-year review for the threatened Virginia sneezeweed (*Helenium virginicum*), which recommends that the species be delisted due to recovery. The Service is preparing a proposed delisting rule, and, in cooperation with the states, a post-delisting monitoring plan. We expect to publish in the *Federal Register* the proposed delisting rule and notice announcing availability of a post-delisting monitoring plan in FY21.

The 5-year review is available at https://ecos.fws.gov/docs/five_year_review/doc6388.pdf

For more information, contact Kimberly Maison in our Southwestern Virginia Field Office at kimberly_maison@fws.gov

26) Sandplain Gerardia – Proposed Rule to Delist and SSA to Inform Status Determination for Revised Taxon (AL, CT, GA, KY, MA, MD, NY, NC, PA, RI, SC, TN, VA) – On June 19, 2019, the Service completed a 5-year review for the sandplain gerardia (*Agalinis acuta*). The review recommends that the species be delisted due to a change in taxonomy. The review is based on a review of the results of genetics analyses indicating that the sandplain gerardia is part of a more widespread *Agalinis* species (*A. decemloba*). We are preparing a proposed rule to delist the species. We are also working with the states to plan additional surveys of the new larger taxon. We will initiate a species status assessment (SSA) to inform a listing determination for the revised taxon to be published in FY 2022.

The 5-year review can be found at https://ecos.fws.gov/docs/five_year_review/doc6037.pdf.

For more information, contact Steve Sinkevich in our Long Island Field Office at steve_sinkevich@fws.gov.

27) Three Cave Amphipods: Cooper’s Cave amphipod (WV), Morrison’s Cave amphipod (VA, WV), and Minute Cave amphipod (WV) – SSA to inform 12-Month Petition Finding – On September 27, 2011, the Service published in the *Federal Register* a 90-day finding that a petition to list three cave amphipod species (Cooper’s Cave amphipod (*Stygobromus cooperi*), Morrison’s Cave amphipod (*S. morrisoni*), and Minute Cave amphipod (*S. parvus*)) presented substantial information indicating that listing the species may be warranted. The Service has initiated a species status assessment (SSA), which will inform the 12-month finding. We are conducting [peer](#) and partner review on the draft SSA report September to October 2020. We expect to complete the SSA and 12-month finding in FY 2021.

Additional information on the 3 WV cave amphipod species is available at <https://ecos.fws.gov/ecp0/profile/speciesProfile?sId=5908>, <https://ecos.fws.gov/ecp0/profile/speciesProfile?sId=3150>, and <https://ecos.fws.gov/ecp0/profile/speciesProfile?sId=7901>, respectively.

For more information, contact Barbara Douglas in our West Virginia Field Office at barbara_douglas@fws.gov or Sarah Furtak in our Northeast Regional Office at sarah_furtak@fws.gov.

- 28) Regal Fritillary Butterfly – SSA to Inform 12-Month Petition Finding** (Records indicate the butterfly occupied ~33 states [AR, CT, DC, DE, IA, IL, IN, IO, KS, KY, OK, OH, MA, MD, ME, MI, MN, MO, MT, NC, ND, NE, NH, NJ, NY, PA, RI, SD, VA, VT, WI, WV, WY], but the butterfly is currently restricted to tall-grass prairie remnants within its core range in KS, MO, NE, and SD.) – On September 18, 2015, the Service published in the *Federal Register* a 90-day finding that a petition to list the regal fritillary butterfly (*Speyeria idalia*) provided substantial information indicating that listing the species may be warranted. The Service is initiating a species status assessment (SSA), which will inform the 12-month finding. The Service expects to complete the SSA in FY 2021 and the 12-month finding FY 2022.

Additional information about the regal fritillary butterfly can be found online at <https://www.fws.gov/midwest/es/soc/Batch90daySept2015.html>.

For more information, contact Justin Shoemaker in the Mountain Prairie Regional Office at justin_shoemaker@fws.gov.

- 29) Rusty Patched Bumble Bee – Critical Habitat Prudency Determination** (MA, MD, ME, NJ, PA, VA, WV) – On September 1, 2020, the Service published in the *Federal Register* a determination that designation of critical habitat for the endangered rusty patched bumble bee (*Bombus affinis*) is not prudent.

The determination can be found at <https://www.govinfo.gov/content/pkg/FR-2020-09-01/pdf/2020-17093.pdf>

For more information, contact Mark McCollough in our Maine Field Office at mark_mccollough@fws.gov.

- 30) Red-cockaded Woodpecker – Proposed Rule to Downlist and Proposed 4d Rule** (VA) – On October 8, 2020, the Service published in the *Federal Register* a proposed rule to downlist the red-cockaded woodpecker (*Picoides borealis*) from endangered to threatened with a 4d rule.

The proposed rule can be found at <https://www.govinfo.gov/content/pkg/FR-2020-09-01/pdf/2020-17093.pdf>

For more information, contact Sumalee Hoskin in our Virginia Field Office at sumalee_hoskin@fws.gov.

- 31) Mussels – Technical Correction** (AL, AR, IL, IA, KS, KY, MI, MN, MO, TN, VA, WI, WV) – The Service’s Midwest Region is preparing a technical corrections rule to update the

taxonomy of freshwater mussels based on Williams et al.’s (2017) “A Revised List of the Freshwater Mussels (Mollusca: Bivalvia: Unionida) of the United States and Canada.” Within the Northeast Region, this includes changes in genus nomenclature for the Cumberland monkeyface (*Quadrula intermedia*), Appalachian monkeyface (*Quadrula sparsa*), spectaclecase (*Cumberlandia monodonta*), slabside pearlymussel (*Pleuronaia dolabelloides*), and James spinymussel (*Pleurobema collina*) and changes in species nomenclature for the fluted kidneyshell (*Ptychobranthus subtentum*). The direct final rulemaking will effect these changes, and is expected to be published in FY 2021. For more information, contact Jordan Richard in our Southwest Virginia Field Office at jordan_richard@fws.gov.

32) Miscellaneous Species – Technical Correction (CT, DE, MA, MD, NH, NJ, NY, PA, VA, VT) – The Service is preparing a technical correction rule to update the taxonomy and nomenclature of five species in the Northeast Region. We propose to revise the scientific names of these species as follows:

Species name as currently listed	Corrected species name
Jesup’s milk-vetch (<i>Astragalus robbinsii</i> var. <i>jesupi</i>)	Jesup’s milk-vetch (<i>Astragalus robbinsii</i> var. <i>jesupi</i>)
Northeastern beach tiger beetle (<i>Cicindela dorsalis dorsalis</i>)	Northeastern beach tiger beetle (<i>Habroscelimorpha dorsalis dorsalis</i>)
Puritan tiger beetle (<i>Cicindela puritana</i>)	Puritan tiger beetle (<i>Ellipsoptera puritana</i>)
Bog turtle (<i>Clemmys muhlenbergii</i>)	Bog Turtle (<i>Glyptemys muhlenbergii</i>)
Chittenango ovate amber snail (<i>Succinea chittenangoensis</i>)	Chittenango ovate amber snail (<i>Novisuccinea chittenangoensis</i>)

The direct final rule making will effect these changes, and is expected to be published in FY 2021. For more information, contact Sarah Nystrom in our Regional Office at sarah_nystrom@fws.gov.