A handwritten number '1W49' is enclosed in a hand-drawn rectangular box with a thick black border.

## Connecticut Department of Environmental Protection Endangered, Threatened and Special Concern Species in Connecticut

The Connecticut Endangered Species Act, passed in 1989, recognizes the importance of our state's plant and animal populations and the need to protect them from threats that could lead to their extinction. The overall goal of the legislation is to conserve, protect, restore and enhance any endangered or threatened species and their essential habitat. Species are listed according to their level of risk, and their status is reviewed every five years.

**"Endangered Species"** means any native species documented by biological research and inventory to be in danger of extirpation throughout all or a significant portion of its range within the state and to have no more than five occurrences in the state, and any species determined to be an "endangered species" pursuant to the federal Endangered Species Act.

**"Threatened Species"** means any native species documented by biological research and inventory to be likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range within the state and to have no more than nine occurrences in the state, and any species determined to be a "threatened species" pursuant to the federal Endangered Species Act, except for such species determined to be endangered by the Commissioner in accordance with section 4 of this act.

**"Species of Special Concern"** means any native plant species or any native nonharvested wildlife species documented by scientific research and inventory to have a naturally restricted range or habitat in the state, to be at a low population level, to be in such high demand by man that its unregulated taking would be detrimental to the conservation of its population or has been extirpated from the state.

### [Connecticut General Statutes \(CGS\) Section 26-303](#)

### [2010 Endangered, Threatened and Special Concern Species Brochure](#)

### [Summary of Recent Changes to the State Endangered Species List](#)

### [Endangered, Threatened and Special Concern Species Listed by Taxonomic Group](#)

### [Endangered, Threatened and Special Concern Species Listed by County](#)

[Endangered Species Slide Program](#) - with photos and facts about endangered species and their management in Connecticut (41 slides).

1W50

## Connecticut Department of Environmental Protection

### Endangered Species/Wildlife Income Tax Check-Off



The "Endangered Species/Wildlife Income Tax Check-Off Fund" is a fund that was created in 1993 by the legislature to allow Connecticut state income taxpayers to voluntarily donate portions of their tax refund to support efforts aimed at helping Connecticut's endangered species, natural area preserves and watchable wildlife. Citizens can also contribute directly by sending a check payable to "DEP-Endangered Species/Wildlife Fund" to:

Department of Environmental Protection  
Bureau of Financial and Support Services  
79 Elm Street  
Hartford, CT 06106-5127

Since the inception of the Check-off, a number of projects have been funded in the areas of habitat restoration, inventory, monitoring and education. The following projects are some that have been totally or partially funded by the State of Connecticut "Endangered Species/Wildlife Income Tax Check-off Fund":

#### Endangered Species Wildlife Income Tax Check-off Fund Projects

##### Mammals:

**Bat Hibernacula Protection:** This project involves the study and protection of one of Connecticut's largest known bat hibernacula. The hibernacula when last surveyed was found to contain more than 1,500 wintering bats. There has been concern that trespassers and vandalism at the site pose a risk to the hibernating bats. The project will identify the critical areas being used by bats and improve or replace the current gating system at the site with bat-friendly gates. This will allow bats free access to the old mine shafts used as wintering sites, but keep trespassers out. The project is a cooperative effort of the landowner, the DEP, the U.S. Fish and Wildlife Service, Bat Conservation International and the U.S. Department of Agriculture Natural Resource Conservation Service. (Contact person: Jenny Dickson, (860) 675-8130)

**Bat Survey:** This project involves winter surveys of known winter bat hibernacula and includes summer mist netting surveys which study the distribution of Connecticut's native bats. (Contact person: Jenny Dickson, (860) 675-8130)

**Bat Telemetry - Roost Location Survey:** Three tree roosting bat species -- the red, hoary and silverhaired -- are seldom encountered by people and little is known about their population status, their Connecticut distribution, or preferred habitat. This project is designed to identify the specific habitat requirements of these state-listed special concern species so they can be better managed. This project is also partly funded by a federal Partnerships for Wildlife grant. (Contact person: Jenny Dickson, (860) 675-8130)

**New England Cottontails:** To conduct a population and habitat study of the New England Cottontail which is Connecticut's only native rabbit species. Limited past research indicates the abundance of new England cottontails has declined in Connecticut and possibly throughout the region as a result of habitat loss and fragmentation. This project will provide the DEP with current data on the relative abundance and distribution of New England Cottontails to determine its status under the state endangered species act.

**Least Shrew Inventory and Habitat Assessment:** A marsh complex in coastal Connecticut is the only documented location of the state-endangered least shrew. To better manage this marsh for the shrew, studies were conducted to document how extensive least shrew habitat is within the marsh and to evaluate such use in relation to potential marsh restoration projects in the future. (Contact person: Jenny Dickson, (860) 675-8130)

## Birds:

**Grassland Bird Management Plan at Bradley International Airport:** Funding to develop a comprehensive management plan for grassland bird habitat at Bradley International Airport. Management recommendations will assist airport officials in planning future facilities and implementing the best practices to conserve important nesting sites. (Contact person: Jenny Dickson, (860) 675-8130)

**Least Tern Recovery:** The least tern is listed as a threatened species in Connecticut. The proximity of least tern nesting colonies to high human use areas results in increased disturbance to nesting birds, which may significantly affect overall productivity. Project efforts focus on studying reproductive success, habitat management and protection. (Contact person: Julie Victoria, (860) 642-7239)

**Barn Owl Management:** A barn owl nest box project has been initiated to provide this state-threatened species with available nesting sites in suitable habitats. Nest boxes have been installed on public and private lands. Volunteers have been monitoring boxes to assess owl populations. (Contact person: Julie Victoria, (860) 642-7239)

**Heron/Egret Rookery Protection:** Offshore islands in Long Island Sound, where several state-listed herons and egrets nest, are subject to various types of disturbance. Monies were used for the protective fencing of island rookeries and the posting of educational signs that detail natural history information and explain current conservation concerns and management strategies for these species. Monies were also used to develop a plan for the management and protection of heron and egret populations in Connecticut. (Contact person: Jenny Dickson, (860) 675-8130)

**Ospreys:** Osprey productivity at Great Island Wildlife Management Area had declined considerably during the mid-1990s. Research efforts focused on identifying possible limiting factors to nest success. Funds were also used to assess possible contamination of unhatched osprey eggs. Contaminants in the form of heavy metals, pesticides and PCBs, among others, can pose serious threats to wildlife populations. (Contact person: Julie Victoria, (860) 642-7239)

**Study of the Effect of Timber Harvesting on Blue-winged Warblers and Other Shrubland Bird Species:** The goal is to determine the habitat requirements of blue-winged warblers and other shrubland bird species and to analyze the importance of the height, density, and composition of the vegetation, and also the size, shape and configuration of clearcuts. This information will be useful for developing forest cutting plans that enhance the habitat for shrubland nesting birds. Connecticut College is a partner on this project. (Contact person: Jenny Dickson, (860) 675-8130)

**Wetland Bird Call-Response Survey:** Funding helps administer and coordinate a volunteer project to survey the occurrence of several state-listed wetland dependent bird species. DEP personnel and volunteers use tape recorded bird calls to elicit vocalizations by secretive wetland birds at sites throughout Connecticut. Surveys of current and historic state listed wetland bird habitats have been conducted in Connecticut since 1993. The use of volunteers allows the DEP to collect data from a much larger area than could be sampled by Wildlife Division staff alone. (Contact person: Jenny Dickson, (860) 675-8130)

**Inventory of Worm-eating Warblers:** Worm-eating warblers have been identified as a priority species of conservation concern in southern New England. This project was initiated to develop techniques to more thoroughly assess the status of worm-eating warblers in Connecticut and to learn about their habitat requirements in this portion of their range. (Contact person: Jenny Dickson, (860) 675-8130)

## Reptiles and Amphibians:

**Wood Turtle Study:** Wood turtles (*Clemmys insculpta*) are Species of Special Concern in Connecticut. Wood turtles are in serious decline in developed parts of the state and this study focuses on determining their population status in and around Nachaug State Forest. The project involves evaluating the status of the wood turtle population in this area by using radio tags to monitor movement and location of the turtles during different seasons. Summer field assistance for this project involves students and teachers from EASTCONN and other local schools. (Contact person: Dawn McKay, (860) 424-3540)

**Amphibian Monitoring Volunteer Project:** This project involved providing equipment and training materials for volunteer field assistants in the Connecticut Amphibian Monitoring Project (CAMP). The goal of CAMP is the long-term monitoring of amphibian species diversity in Connecticut. This long term monitoring provides baseline data for amphibian species and may detect long term changes in their diversity. Protocols include frog call surveys, and night road searches during spring, summer and fall. Volunteers in CAMP received detailed instruction and survey material. CAMP data is provided to state, federal and private agencies involved in conservation. (Contact person: Dawn McKay, (860) 424-3540)

**Rattlesnake Population Assessment:** The state-endangered timber rattlesnake was studied through spring, summer and fall surveys and through extensive research focusing on their historic distribution in Connecticut. An evaluation of current threats and recommendations for protection were provided to better manage this imperiled reptile. (Contact person: Julie Victoria, (860) 642-7239)

**Black Racer Survey:** This project, to study the movement patterns and habitat use of the black racer snake, involved marking, recapturing and radio-tracking individuals during their active season. The results provided researchers with specific habitat requirements of the black racer. (Contact person: Julie Victoria, (860) 642-7239)

**Bog Turtle:** Funding for the development of a plan to protect and conserve the state endangered and federally threatened bog turtle. (Contact person: Julie Victoria, (860) 642-7239)

## Plants:

**Herbarium Research on Candidate Plant Species:** In 1996 the major New England herbaria were visited to get information about 63 species of plants that occur in Connecticut. A herbarium is a museum collection of dried plant specimens, mounted and labeled for scientific study. Location information recorded on the voucher specimen labels assisted the DEP in determining the status of species that are believed to be regionally rare and assisted in the 1997 re-evaluation of the State Endangered Species List. (Contact person: Nancy Murray, (860) 424-3589)

**Mapping of State Listing Candidate Species - Plants:** Information on 39 candidate plant species has been incorporated onto the hard copy reference maps, the Geographic Information Systems coverages of listed species, and the manual files of listed species maintained by the Natural Diversity Data Base. (Contact person: Nancy Murray, (860) 424-3589)

**Bluff Point Coastal Reserve Vegetative Study:** DEP staff and Connecticut College students conducted inventories documenting baseline conditions of the vegetation within Bluff Point Coastal Reserve. The information will be used to document the vegetative changes in herbaceous cover species, seedlings and shrubs over time and to identify both impacts and the recovery of state listed species within the Reserve. (Contact person: Ken Metzler, (860) 424-3540)

**Statewide Botanical Field Surveys:** Botanical field surveys were undertaken to assess the status of historic populations of State Endangered, Threatened and Special Concern plant species and provide information about size and extent of population, reproduction, and potential threats. Many new populations of state listed plants were located during these surveys. This information is used to update the DEP's Natural Diversity Data Base (NDDDB) and to assist land protection efforts throughout the state. (Contact person: Nancy Murray, (860) 424-3589)

**Botanical Field Surveys:** To conduct botanical field surveys and update historic records and locate new populations of State-listed Endangered, Threatened and Special Concern plant species. Locations and status of populations will be integrated into the Natural Diversity Database and made available to a variety of users.

## Invertebrates:

**Dragonfly/Damselfly Project:** Color illustrations are being prepared and distribution data is being collected for the dragonflies and damselflies in Connecticut. This information will be used for the production of an atlas documenting the 148 species which occur in Connecticut. (Contact person: Ken Metzler, (860)-424-3540)

**Banded Bog Skimmer:** The banded bog skimmer, a state-endangered dragonfly, was the focus of an intensive survey for invertebrates in eastern Connecticut. To add to the survey's success, the state endangered racket-tailed emerald butterfly was also observed. (contact person: Julie Victoria, (860) 642-7239)

**Connecticut Tiger Beetle Status Survey:** Field surveys were conducted to determine the current distribution and population status of tiger beetles in Connecticut. Resulting information will contribute to tiger beetle conservation in the state and will also be incorporated into an existing website that includes an identification key to the species. (Contact person: Nancy Murray, (860) 424-3589)

**Dragonflies/Damselflies:** To develop a dynamic website that promotes the interest in and understanding of Connecticut's dragonflies/damselflies. The site will feature species accounts, species checklists, illustrations, and thumbnail images with links to high resolution images. The site will engage users from beginner to entomologist level and will encourage active participation in 'fly watching'.

## Fish:

**Shortnose Sturgeon Assessment:** The shortnose sturgeon, a federally endangered fish species, appears to have two breeding populations in the Connecticut River. To understand the habits and needs of the species, juvenile sturgeon were captured and tagged, using radio transmitters. (Contact person: DEP Fisheries Division, (860) 424-3474)

**Distribution and Habitat Characteristics of the Banded Sunfish:** This species is listed as threatened in Connecticut. Additional research is needed to accurately assess the distribution and abundance of this species in Connecticut. (Contact person: DEP- Fisheries Division, (860) 424-3474)

**Shortnose Sturgeon Food habits in the Connecticut River:** To aid in identifying limiting factors and critical habitat requirements for the shortnose sturgeon in the Connecticut River. Data collected on food habits and prey preferences are required to aid in determining if prey availability may be one of the limiting factors affecting population numbers of this U.S. endangered species in Connecticut.

## Natural Area Preserves:

**Pachaug and Mount Misery Natural Area Preserve:** During the 1999 field season, information on vegetation patterns and presence of state-listed plant species will be collected at these two preserves. Vegetation maps will be produced and will serve as the basis for the development of a management plan and as a guide for future vegetative studies. (Contact person: Nancy Murray, (860) 424-3589)

**Robbins Swamp Natural Area Preserve:** Robbins Swamp is the state's largest inland wetland, contains many state-listed species, and is also an important wildlife management area. Funding will provide for the development of a plan that details the purpose, character, and protected resources within the Preserve. The plan will also detail management measures that will protect and enhance the Preserve's physical and biological integrity. (Contact person: Nancy Murray, (860) 424-3589)

**Kitchell Wildlife Sanctuary Vegetation and Botanical Surveys:** This Preserve has long been managed as a wildlife sanctuary and its woodlands protected for certain passive recreational uses. A recent comprehensive survey of its vegetation has produced a vegetation cover type map that also documents the locations of state-listed species. This map will serve as a guide for future biological studies and the development of a management plan for the site. (Contact person: Nancy Murray, (860) 424-3589)

**Hopeville Pond Natural Area Preserve:** A one-year "baseline" inventory of the invertebrate fauna was conducted in 1996. This study generated essential data on invertebrates occurring at the Hopeville Pond Natural Area. Surveys were conducted of breeding birds at the Hopeville Pond natural Area Preserve during June 1996. Thirty-nine species of birds were observed or heard in this area with at least 23 species believed to be breeding on the site. These data will be useful to the State in preparing a management plan for the site. (Contact person: Nancy Murray, (860) 424-3589)

**Canaan Mountain Natural Area Preserve Vegetation and Botanical Surveys:** During the growing season of 1997 baseline information about the existing vegetation and plant species of the Canaan Mountain Natural Area Preserve was compiled for the purpose of developing a management plan for the area. (Contact person: Nancy Murray, (860) 424-3589)

**Higganum Meadows Wildlife Area Avian Study:** To perform a study of the Natural Area Preserve which features upland, wetland and riverine communities containing State endangered plant and animal species. A clearer understanding of the year-round avian use of the site will aid development of management plans and the direction of ongoing management efforts.

**Matianuck State Park and Natural Area Preserve Invertebrate Study:** Preliminary surveys have revealed that open sand patches host a remarkable insect community including the significant finds of Big Sand Tiger Beetle and the Ghost Dune Tiger Beetle. Other invertebrates surveyed will include beetles, flies, wasps, bees, and other sand-dwellers.

## Education and Recreation:

**Printing of the 1997 Updated List of Connecticut's Endangered, Threatened and Special Concern Species:** Funds were used to publish an informational brochure describing the results of the five year review and update to the state's endangered, threatened and special concern species list. (Contact person: Nancy Murray, (860) 424-3589)

**Endangered Species/Wildlife Fund Tax Check-Off Program PSA:** To develop and air a public service announcement promoting the Endangered Species/Wildlife Fund Tax Check-Off Program. The announcements feature Jim Fowler, famed host of the Mutual of Omaha's *Wild Kingdom*, who donated his time.

**Endangered Species Fact Sheets:** Fact sheets are being developed to provide information on the identification of endangered or threatened plants and [animals](#), as well as on their habitats, life cycles, distribution and threats to their populations. (Contact persons: Nancy Murray, (860) 424-3589 or Peter Good, (860) 675-8130)

**Snake Identification Brochure:** A brochure with color pictures of Connecticut snake species was developed to help the public and animal control officers identify snakes found in basements, garages, backyards and local recreation areas. (Contact person: Julie Victoria, (860) 642-7239)

**Wildlife Viewing Areas:** Viewing platforms, boardwalks, blinds, and educational signs have been constructed at various locations statewide to provide the public with the chance to observe and photograph wildlife in its natural habitat and to increase public awareness of the diversity and complexity of Connecticut's natural resources. Completed viewing areas: Sessions Woods WMA, Burlington; Simsbury WMA, Simsbury; Babcock Pond, Colchester; Goodwin State Forest, Hampton, Harkness Memorial State Park, Waterford; Topsmead State Forest, Litchfield; and Barnes Wildlife Observation Area in Pachaug State Forest, Voluntown. (Contact person: Jenny Dickson, (860) 675-8130)

Content Last Updated on May 7, 2001

1W51

February 7, 2011

Connecticut Siting Council  
Ten Franklin Square  
New Britain, Connecticut 06051

Dear Council Members:

I am writing in regards to the application for a proposed new telecommunications facility located at 8 Barnes Road, Canaan, Connecticut (DOCKET NO. 409, New Cingular Wireless PCS, LLC application). I would urge the Committee to recommend further environmental review of this project, specifically a survey to determine if the timber rattlesnake, *Crotalus horridus* inhabits the site, and if this is found to be the case, an assessment of the potential impacts to this species habitat that might result from construction of the facility and its access road.

Over the past twenty-six years I have worked on numerous research and planning initiatives with state agencies, municipal commissions, various environmental organizations, and private developers to conserve biological diversity in Connecticut. This work has included a significant amount of time assessing the health of timber rattlesnake populations in Connecticut including those in the vicinity of Canaan Mountain.

The timber rattlesnake is listed as "Endangered" under the Connecticut Endangered Species Act and their numbers have severely declined throughout New England with populations extirpated in two states (Maine and Rhode Island). Rattlesnake populations are well documented immediately to the north and east of the site along the Canaan Mountain ridge. Although the home range of individuals from these sites falls outside of the proposed project -this is the reason that the letter from the Connecticut Department of Environmental Protection (September 2, 2010, Nancy Murray, Biologist/Senior Environmental Analyst) did not note any occurrence of timber rattlesnakes within the project limits - habitat on Cobble Mountain might be suitable for supporting a separate population of rattlesnakes.

In Connecticut and New England critical rattlesnake habitat is associated with forests with areas of exposed ledge and/or talus (rock slides) typically located along steep south/southeast/southwest exposures. The proposed site includes these elements. I have been involved in research on the distribution and conservation of timber rattlesnakes in Connecticut for the past twenty-six years and I am unaware of any previous or current survey work that has been completed on Cobble Mountain regarding this species.

I call your attention once more to the language contained in the CTDEP letter in reference to Endangered, Threatened or Special Concern species occurrence at the site. Specifically the section, which states, "*This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substituted for on-site surveys required for environmental assessments.*"



Current evidence of the existence of nearby rattlesnake populations, combined with the facts that Cobble Mountain possess topographical features conducive to supporting rattlesnake habitat, and the that the site has not been surveyed for the species, provide a compelling argument that additional assessment should be required.

Unfortunately I am unable to attend the public hearing scheduled in February however I am more than willing to address any questions or concerns that Commission members might have regarding the proposed project and timber rattlesnakes.

Regards

A handwritten signature in blue ink, appearing to be 'H. J. H.', written over a horizontal line.

60 Townsend Road  
Andover, CT 06232  
(860) 742-0341



# Species Profile

Environmental Conservation Online System

1W52

(<http://www.fws.gov>)

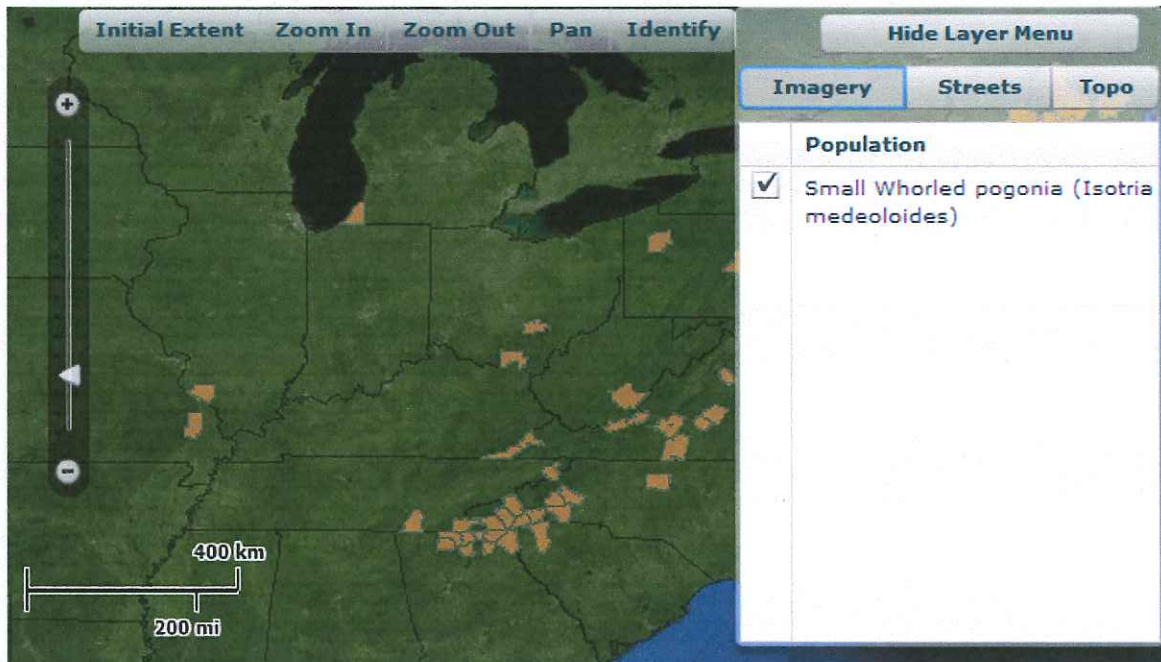
## Small Whorled pogonia (*Isotria medeoloides*)

Kingdom: Plantae Class: Liliopsida Order: Orchidales Family: Orchidaceae

Listing Status: Threatened

Quick links: [Federal Register \(#status\)](#) [Recovery \(#recovery\)](#) [Critical Habitat \(#crithab\)](#) [Conservation Plans \(#conservationPlans\)](#) [Petitions \(#petitions\)](#) [Life History \(#lifeHistory\)](#) [Other Resources \(#other\)](#)

### Map of Species occurrence



This map represents our best available information about where a species is currently known to or is believed to occur; however, it should NOT be used as an official species list for Section 7 Consultation purposes. To obtain an official species list for this purpose, please visit the Information, Planning, and Conservation (IPaC) System (click here: <http://ecos.fws.gov/ipac>)

**States/US Territories** in which the Small Whorled pogonia is known to or is believed to occur:

[Connecticut \(/speciesProfile/profile/countiesByState.action?entityId=742&state=Connecticut\)](#) , [Delaware \(/speciesProfile/profile/countiesByState.action?entityId=742&state=Delaware\)](#) , [Georgia](#)

[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=Maine\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=Maine) , [Massachusetts](#)  
[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=Massachusetts\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=Massachusetts) , [Michigan](#)  
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[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=Pennsylvania\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=Pennsylvania) , [Rhode Island](#)  
[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=Rhode Island\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=Rhode Island) , [South Carolina](#)  
[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=South Carolina\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=South Carolina) , [Tennessee](#)  
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[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=Virginia\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=Virginia) , [West Virginia](#)  
[\(/speciesProfile/profile/countiesByState.action?entityId=742&state=West Virginia\)](/speciesProfile/profile/countiesByState.action?entityId=742&state=West Virginia)

**US Counties** in which the Small Whorled pogonia is known to or is believed to occur: [View All](#)  
[\(/speciesProfile/profile/countiesBySpecies.action?entityId=742\)](/speciesProfile/profile/countiesBySpecies.action?entityId=742)

**Countries** in which the the Small Whorled pogonia is known to occur: Canada

#### Current Listing Status Summary

Status	Date Listed	Lead Region	Where Listed
Threatened	09/09/1982	<a href="#">Northeast Region (Region 5)</a> ( <a href="http://www.fws.gov/northeast/">http://www.fws.gov/northeast/</a> )	

#### » Federal Register Documents

##### Most Recent Federal Register Documents (Showing 5 of 5)

Date	Citation Page	Title
01/29/2007	72 FR 4018 4019	<a href="#">Initiation of a 5-Year Review of Ten Listed Northeastern Species</a> <a href="http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR">           (http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR)         </a>
10/06/1994	59 FR 50852 50857	<a href="#">ETWP; Final Rule to Reclassify the Plant Isotria medeoloides (Small Whorled Pogonia) From Endangered to Threatened</a> <a href="http://ecos.fws.gov/docs/federal_register/fr2715.pdf">           (http://ecos.fws.gov/docs/federal_register/fr2715.pdf)         </a>
10/19/1993	58 FR 53904 53909	<a href="#">ETWP; Proposed Rule To Reclassify the Plant Isotria Medeoloides (Small Whorled Pogonia) From Endangered to Threatened</a> <a href="http://ecos.fws.gov/docs/federal_register/fr2445.pdf">           (http://ecos.fws.gov/docs/federal_register/fr2445.pdf)         </a>
09/09/1982	47 FR 39827 39831	<a href="#">ETWP; Determination of Isotria medeoloides (small whorled pogonia) To Be an Ednangered Species</a> <a href="http://ecos.fws.gov/docs/federal_register/fr621.pdf">           (http://ecos.fws.gov/docs/federal_register/fr621.pdf)         </a>
09/11/1980	45 FR 59909 59914	<a href="#">Proposal to Determine Isotria meleoloides (Small Whorled Pogonia) to be an Endangered Species</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr471.pdf">http://ecos.fws.gov/docs/federal_register/fr471.pdf</a> )

## » Recovery

[Recovery Plan Information Search \(/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc\)](#)

- [Information Search FAQs \(http://www.fws.gov/endangered/recovery/ROAR\\_FAQs%2008-05-09\\_FINAL.pdf\)](http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

## Current Recovery Plan(s)

Date	Title	Plan Action Status	Plan
11/13/1992	<a href="http://ecos.fws.gov/docs/recovery_plan/921113b.pdf">Small Whorled Pogonia (http://ecos.fws.gov/docs/recovery_plan/921113b.pdf)</a>	<a href="#">View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=600315&amp;entityId=742)</a>	Final Revis

## Other Recovery Documents (Showing 1 of 1)

Date	Citation Page	Title	Documen
01/29/2007	72 FR 4018 4019	<a href="http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR">Initiation of a 5-Year Review of Ten Listed Northeastern Species (http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR)</a>	• Notice 5-y Review, Initiation

## Five Year Review

Date	Title
10/16/2008	<a href="#">Small Whorled Pogonia Completed 5 Year Review (/docs/five_year_review/doc2002.pdf)</a>

## » Critical Habitat

No critical habitat rules have been published for the Small Whorled pogonia.

## » Conservation Plans

No conservation plans have been created for Small Whorled pogonia

## » Petitions

No petition findings have been published for the Small Whorled pogonia.

## » Life History

No Life History information has been entered into this system for this species.

## » Other Resources

[NatureServe Explorer Species Reports \(javascript:\)](#) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network

[ITIS Reports \(javascript:\)](#) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

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Last updated: February 6, 2011

[FWS Endangered Home \(http://www.fws.gov/endangered/\)](http://www.fws.gov/endangered/) | [ECOS Home \(/ecos/indexPublic.do\)](http://ecos/indexPublic.do) | [Contact Us \(/ecos/helpdesk.do?version=SPECIES\\_PROFILE-1\\_2\\_42\)](http://ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_42)



# Species Profile

Environmental Conservation Online System

1W53

(<http://www.fws.gov>)

## bog turtle (*Clemmys (Glyptemys) muhlenbergii*)

Kingdom: Animalia Class: Reptilia Order: Testudines Family: Emydidae

Listing Status: Threatened and Similarity of Appearance (Threatened)

Quick links: [Federal Register \(#status\)](#) [Action Plans \(#actionPlans\)](#)  
[Recovery \(#recovery\)](#) [Critical Habitat \(#crithab\)](#) [Conservation Plans \(#conservationPlans\)](#)  
[Petitions \(#petitions\)](#) [Life History \(#lifeHistory\)](#) [Other Resources \(#other\)](#)

### General Information

This is the smallest emydid turtle, and one of the smallest turtles in the world. Adult carapace length is 7.9 to 11.4 cm (3.1 to 4.5 inches). The dark brown or black carapace may be marked with radiating light lines or a light blotch on the vertebral and pleural scutes. Scute annuli are usually prominent in juvenile and young adult specimens, but the carapace may be nearly smooth in old adults. The head, neck, and limbs are typically dark brown with variable reddish to yellow spots and streaks. A large reddish-orange to yellow blotch is visible behind and above each tympanum, sometimes merging into a continuous band on the neck. The upper jaw is weakly notched. (Ernst, Lovich, and Barbour, 1994; Harding, 1997) The plastron is also brown or black, but often with lighter yellow blotches towards the medial and anterior scute edges. A mature male bog turtle has a concave plastron and a long, thick tail, with the vent posterior to the rear edge of the carapace with tail extended. The female has a flat plastron and a thinner, smaller tail, with the vent at or beneath the rear carapace edge. (Ernst, Lovich, and Barbour, 1994; Harding, 1997)

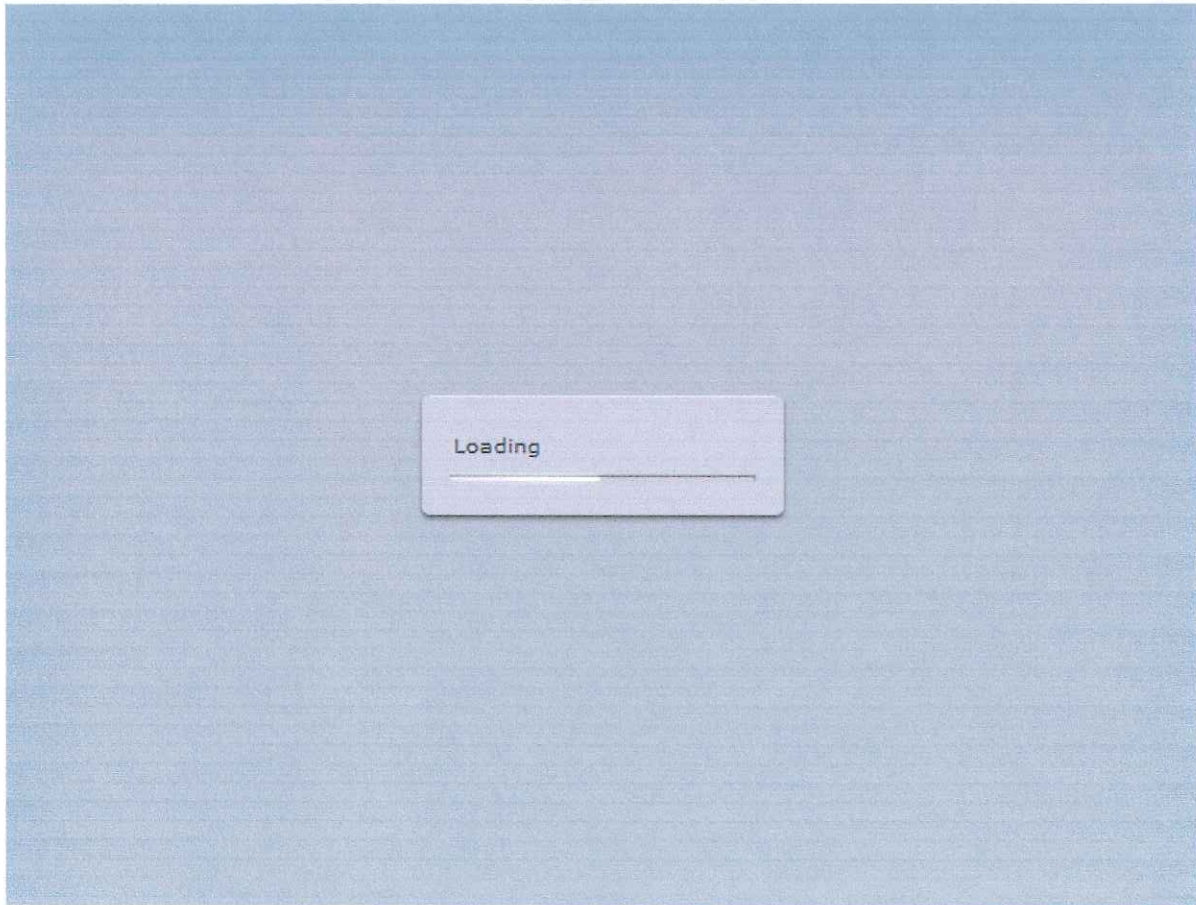
### Population detail

The FWS is currently monitoring the following populations of the bog turtle

- **Population location:** Entire, except GA, NC, SC, TN, VA

**Listing status:** Threatened

**States/US Territories** in which this population is known to or is believed to occur: [Connecticut \(/speciesProfile/profile/countiesByState.action?entityId=182&state=Connecticut\)](#) , [Delaware \(/speciesProfile/profile/countiesByState.action?entityId=182&state=Delaware\)](#) , [Maryland \(/speciesProfile/profile/countiesByState.action?entityId=182&state=Maryland\)](#) , [Massachusetts \(/speciesProfile/profile/countiesByState.action?entityId=182&state=Massachusetts\)](#) , [New Jersey](#)



[\(/speciesProfile/profile/countiesByState.action?entityId=182&state=New York\)](/speciesProfile/profile/countiesByState.action?entityId=182&state=New York) , [Pennsylvania](#)

[\(/speciesProfile/profile/countiesByState.action?entityId=182&state=Pennsylvania\)](/speciesProfile/profile/countiesByState.action?entityId=182&state=Pennsylvania)

**US Counties** in which this population is known to or is believed to occur: [View All](#)

[\(/speciesProfile/profile/countiesBySpecies.action?entityId=182\)](/speciesProfile/profile/countiesBySpecies.action?entityId=182)

**USFWS Refuges** in which this population is known to occur: WALLKILL RIVER NATIONAL WILDLIFE REFUGE

- **Population location:** U.S.A. (GA, NC, SC, TN, VA)

**Listing status:** **Similarity of Appearance (Threatened)**

**States/US Territories** in which this population is known to or is believed to occur: [Georgia](#)

[\(/speciesProfile/profile/countiesByState.action?entityId=5847&state=Georgia\)](/speciesProfile/profile/countiesByState.action?entityId=5847&state=Georgia) , [North Carolina](#)

[\(/speciesProfile/profile/countiesByState.action?entityId=5847&state=North Carolina\)](/speciesProfile/profile/countiesByState.action?entityId=5847&state=North Carolina) , [South](#)

[Carolina \(/speciesProfile/profile/countiesByState.action?entityId=5847&state=South Carolina\)](/speciesProfile/profile/countiesByState.action?entityId=5847&state=South Carolina) ,

[Virginia \(/speciesProfile/profile/countiesByState.action?entityId=5847&state=Virginia\)](/speciesProfile/profile/countiesByState.action?entityId=5847&state=Virginia)

**US Counties** in which this population is known to or is believed to occur: [View All](#)

[\(/speciesProfile/profile/countiesBySpecies.action?entityId=5847\)](/speciesProfile/profile/countiesBySpecies.action?entityId=5847)

**For more information:** [http://www.fws.gov/northeast/njfieldoffice/FieldNotes%20WEB%20PDF/2004 Spring PDF/31&32 McHugh fullpage.pdf](http://www.fws.gov/northeast/njfieldoffice/FieldNotes%20WEB%20PDF/2004%20Spring%20PDF/31&32%20McHugh%20fullpage.pdf)

[http://www.fws.gov/northeast/njfieldoffice/FieldNotes%20WEB%20PDF/2004 Spring PDF/31&32 McHugh fullpage.pdf](http://www.fws.gov/northeast/njfieldoffice/FieldNotes%20WEB%20PDF/2004%20Spring%20PDF/31&32%20McHugh%20fullpage.pdf)

#### Current Listing Status Summary

Status	Date Listed	Lead Region	Where Listed
Threatened	11/04/1997	<a href="http://www.fws.gov/northeast/">Northeast Region (Region 5)</a> ( <a href="http://www.fws.gov/northeast/">http://www.fws.gov/northeast/</a> )	northern
Similarity of Appearance (Threatened)	11/04/1997	<a href="http://www.fws.gov/northeast/">Northeast Region (Region 5)</a> ( <a href="http://www.fws.gov/northeast/">http://www.fws.gov/northeast/</a> )	southern

## » Federal Register Documents

Most Recent Federal Register Documents (Showing 5 of 7: [view all](#)  
([/speciesProfile/profile/displayAllDocuments!fedreg.action?sPCODE=C048](http://ecos.fws.gov/speciesProfile/profile/displayAllDocuments!fedreg.action?sPCODE=C048)))

Date	Citation Page	Title
01/29/2007	72 FR 4018 4019	<a href="http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR">Initiation of a 5-Year Review of Ten Listed Northeastern Species</a> ( <a href="http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR">http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR</a> )
11/04/1997	62 FR 59605 59623	<a href="http://ecos.fws.gov/docs/federal_register/fr3175.pdf">ETWP; Final Rule to List the Northern Population of the Bog Turtle as Threatened and the Southern Population as Threatened Due to Smilarity of Appearance</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr3175.pdf">http://ecos.fws.gov/docs/federal_register/fr3175.pdf</a> )
09/19/1997	62 FR 49398 49397	<a href="http://ecos.fws.gov/docs/federal_register/fr3511.pdf">Review of Plant and Animal Taxa</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr3511.pdf">http://ecos.fws.gov/docs/federal_register/fr3511.pdf</a> )
01/29/1997	62 FR 4229 4239	<a href="http://ecos.fws.gov/docs/federal_register/fr3044.pdf">ETWP; Proposed Rule to List the Northern Population of the Bog Turtle as Threatened and the Southern Population as Threatened Due to Similarity of Appearance</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr3044.pdf">http://ecos.fws.gov/docs/federal_register/fr3044.pdf</a> )
02/28/1996	61 FR 7597 7613	<a href="http://ecos.fws.gov/docs/federal_register/fr2940.pdf">ETWP; Review of Plant and Animal Taxa That Are Candidates for Listing as Endangered or Threatened Species</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr2940.pdf">http://ecos.fws.gov/docs/federal_register/fr2940.pdf</a> )

Most Recent Special Rule Publications (Showing 2 of 2)

Date	Citation Page	Title
11/04/1997	62 FR 59605 59623	<a href="http://ecos.fws.gov/docs/federal_register/fr3175.pdf">ETWP; Final Rule to List the Northern Population of the Bog Turtle as Threatened and the Southern Population as Threatened Due to Smilarity of Appearance</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr3175.pdf">http://ecos.fws.gov/docs/federal_register/fr3175.pdf</a> )
01/29/1997	62 FR 4229 4239	<a href="http://ecos.fws.gov/docs/federal_register/fr3044.pdf">ETWP; Proposed Rule to List the Northern Population of the Bog Turtle as Threatened and the Southern Population as Threatened Due to Similarity of Appearance</a> ( <a href="http://ecos.fws.gov/docs/federal_register/fr3044.pdf">http://ecos.fws.gov/docs/federal_register/fr3044.pdf</a> )

## » Action Plans

Action Plans (Showing 1 of 1)

Date	Title
12/03/2009	<a href="http://ecos.fws.gov/docs/action_plans/doc3116.pdf">Bog turtle Spotlight Species Action Plan</a> ( <a href="http://ecos.fws.gov/docs/action_plans/doc3116.pdf">/docs/action_plans/doc3116.pdf</a> )



» **Recovery**

[Recovery Plan Information Search \(/roar/pub/ConfigureRecActionReport.do?path=ROAR Custom Queries.Public Actions AdHoc\)](#)

- [Information Search FAQs \(http://www.fws.gov/endangered/recovery/ROAR\\_FAQs%2008-05-09\\_FINAL.pdf\)](http://www.fws.gov/endangered/recovery/ROAR_FAQs%2008-05-09_FINAL.pdf)

**Current Recovery Plan(s)**

Date	Title	Plan Action Status	Plan S
05/15/2001	<a href="http://ecos.fws.gov/docs/recovery_plan/010515.pdf">Recovery Plan for the Bog Turtle, Northern Population</a>	<a href="#">View Implementation Progress (/roar/pub/planImplementationStatus.action?documentId=1000597&amp;entityId=182)</a>	Final

**Other Recovery Documents (Showing 1 of 1)**

Date	Citation Page	Title	Documen
01/29/2007	72 FR 4018 4019	<a href="http://www.gpo.gov/fdsys/search/citation.result.FR.action?federalRegister.volume=2007&amp;federalRegister.page=4018&amp;publication=FR">Initiation of a 5-Year Review of Ten Listed Northeastern Species</a>	• Notice 5-y Review, Initiation

» **Critical Habitat**

No critical habitat rules have been published for the bog turtle.

» **Conservation Plans**

No conservation plans have been created for bog turtle

» **Petitions**

No petition findings have been published for the bog turtle.

» **Life History**

No Life History information has been entered into this system for this species.

» **Other Resources**

[NatureServe Explorer Species Reports \(javascript:;\)](#) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

[ITIS Reports \(javascript:;\)](#) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

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Last updated: February 6, 2011

[FWS Endangered Home \(http://www.fws.gov/Endangered/\)](http://www.fws.gov/Endangered/) | [ECOS Home \(/ecos/indexPublic.do\)](/ecos/indexPublic.do) | [Contact Us \(/ecos/helpdesk.do?version=SPECIES\\_PROFILE-1\\_2\\_42\)](/ecos/helpdesk.do?version=SPECIES_PROFILE-1_2_42)

1W54

# New England Field Office

## Conserving the Nature of New England

*Tuesday,  
February 08, 2011*

### Endangered Species Reviews/Consultations

**ENDANGERED SPECIES**

- Overview
- Consultation
- N.E. Listed Species
- Species Under Review
- Recovery Activities
- Habitat Conservation
- Images
- Biological Opinions

**PARTNERS FOR FISH & WILDLIFE**

- Overview
- Restoration Initiatives
- Species & Habitats of Special Concern
- Accomplishments
- How to Participate
- Habitat Restoration
- Links

**ENVIRONMENTAL CONTAMINANTS**

- Overview
- BTAG
- NRDAR
- Special Studies
- Oil Spills

**FEDERAL ACTIVITIES**

- Overview
- Federal Projects & Permits
- Wetland Permits
- FERC\_Hydropower Projects
- River Flow Protection
- Wind Energy Projects

**OUTREACH**

- NH Envirothon
- Kids Corner
- Let's Go Outside

Staff Directory

Our Location

## Endangered Species

### *Program Overview*

Protecting endangered and threatened species and restoring them to a secure status in the wild is the primary objective of the New England Field Office's endangered species program. Our responsibilities under the **Endangered Species Act** include conserving declining species before listing is necessary, adding species to the list of threatened and endangered species; working to recover threatened and endangered species, and working with other Federal agencies to ensure that their projects do not irreparably harm listed species. Partnering with other State and Federal agencies, private organizations and individuals is essential in accomplishing our mission.

**General information** about the Endangered Species program is available on our National **Endangered Species** website as well as our Northeast Region **Endangered Species** website.

#### Definitions

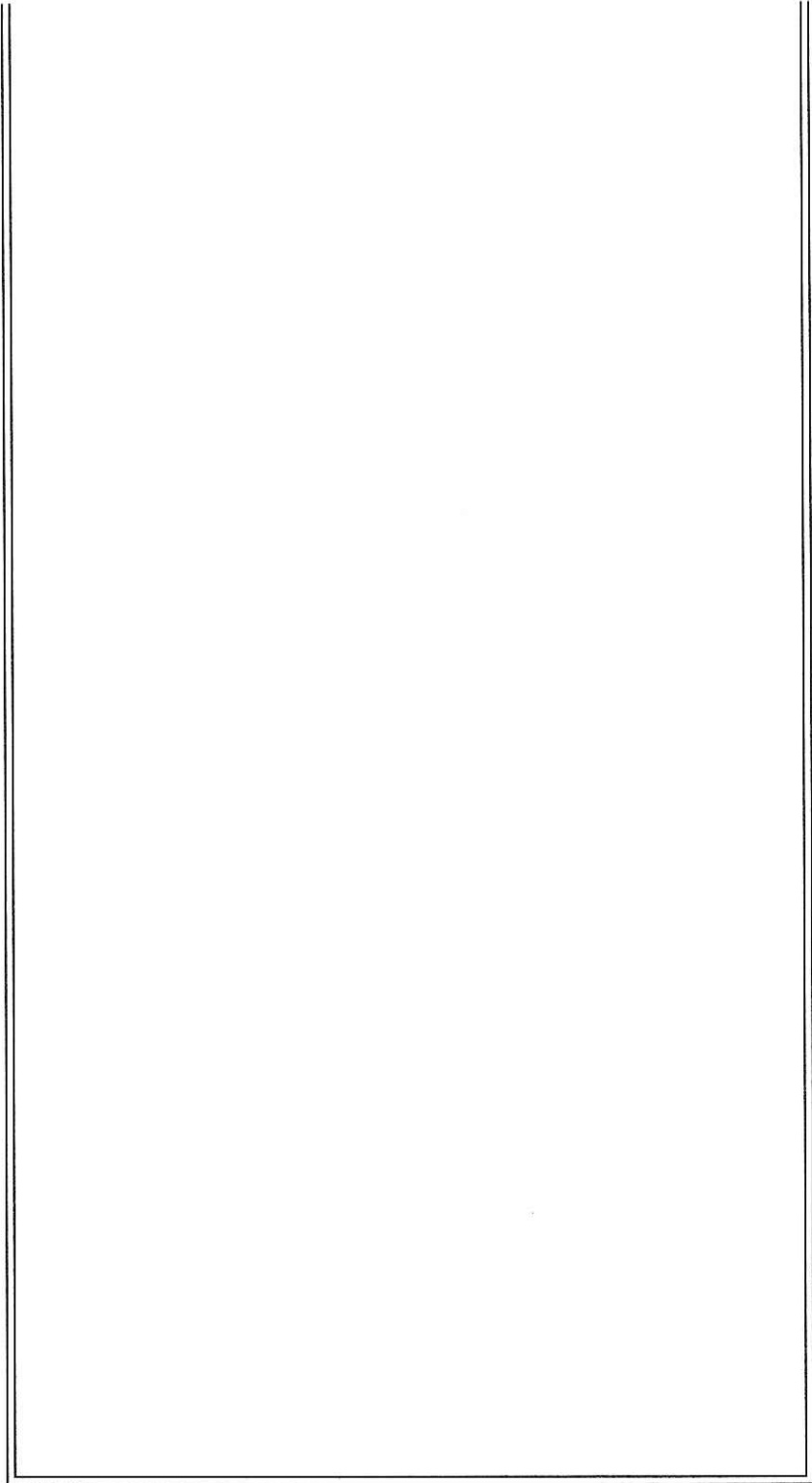
**Threatened** means that a species is likely to become endangered in the foreseeable future if it is not protected.

**Endangered** means that a species is in imminent danger of becoming extinct and needs protection to survive.

**Plants and animals become threatened or endangered due to:**

- Loss of habitat
- Illegal or unregulated hunting or collection
- Competition from non-native species
- Pollution

HOME



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Last updated: September 11, 2009



1W55



# New England Field Office

Conserving the Nature of New England

Monday,  
February  
07, 2011

## Endangered Species Reviews/Consultations

### Endangered Species Consultation *Project Review for Projects with Federal Involvement (authorizing, funding or carrying out the project)*

The following information is designed to assist applicants or project sponsors in determining whether a federally-listed, proposed and/or candidate species may occur within the proposed project area and whether it is appropriate to contact our office for additional coordination or consultation. We encourage you to print out all materials used in the analyses of effects on listed, proposed or candidate species for your records or submission to the appropriate federal agency or our office.

**Step 1.** - Determine whether any listed, proposed, or candidate species (T/E species) are likely to occur within the proposed project **action area** based on location of the proposed project:

- A. Choose your state list below and review for Towns in which federally-listed species occur:

**Connecticut** - 12 species (29 KB)

**Massachusetts** - 14 species (41 KB)

**New Hampshire** - 13 species (31 KB)

**Rhode Island** - 8 species (22 KB)

**Vermont** - 10 species (25 KB)

- B. You should contact your state Natural Heritage Program or Endangered Species Program (see list below) for additional information on federally and state-listed species:

**Rhode Island** Natural Heritage Program

**Connecticut** Endangered Species Program

Massachusetts **Natural Heritage and Endangered Species Program**

Vermont **Non-Game and Natural Heritage**

New Hampshire **Fish and Game's Non-game and Endangered Wildlife Program**

New Hampshire Natural Heritage Bureau's **Home Page**

Please note that these agencies provide information on known occurrences; this information does not replace field surveys, especially for plants, as most project sites have not been previously surveyed specifically for listed species.

- C. If the project falls within a Town where the endangered dwarf wedgemussel is known to occur, check the appropriate map to determine whether your project is in the vicinity of its known range.

Massachusetts - **Connecticut River Watershed** (912 KB)

New Hampshire/Vermont - Connecticut River Watershed

**Upper Connecticut River** ( 872 KB)

**Middle Connecticut River** (1.07 MB)

**Lower Connecticut River** (1.56 MB)

New Hampshire - **Ashuelot River Watershed** (886 KB)

Connecticut - **Connecticut River Watershed** (2.04 MB)

- D. If the project falls within a Town where the endangered northern red-bellied cooter is known to occur, or if the project occurs in Plymouth County, Massachusetts, check the map to determine whether your project is in the vicinity of its known range or critical habitat. **NRBC\_MAP** (59 KB)
- E. If a proposed project occurs in a Town with no known listed, proposed or candidate species present, no further coordination with the Service is needed. You may download a **"no species present" letter** (158 KB) stating "no species are known to occur in the project area".
- F. If the proposed project occurs in a Town with known occurrences of T/E species, proceed to Step 2.

**Step 2.** - Determine whether any listed or proposed New England Species are likely to occur within the proposed project area by comparing the habitat present within the proposed project action area with habitat that is suitable for the species.

- A. Review the information we have provided on the species list information from the appropriate state agency, and any other sources of information available to you to determine types of habitat the species use. A description of suitable habitat for New England's federally-listed species may be found in **New England Species'** profiles and fact sheets.
- B. Determine whether your proposed project action area has any potential for listed species habitat (e.g., are suitable roost trees present? - Indiana bats; are wetlands present? - bog turtles or Northeastern bulrush; will project affect a waterway? – dwarf wedgemussel). After this initial coarse

review, determine whether any more detailed surveys may be appropriate (e.g., survey for dwarf wedgemussels).

- C. If your state Natural Heritage Program or Endangered Species Program does not identify any listed species for the proposed project AND there is no potential habitat for any listed species within the action area, no further coordination with the Service is required. You may download a **"no species present" letter** (158 KB) stating "no species are known to occur in the project area".
- D. If you have identified that potential listed species habitat is present although the species has not been documented from that specific location, further coordination with our office is recommended. Please send the results of your assessment including any habitat surveys to:

Supervisor  
U.S. Fish and Wildlife Service  
70 Commercial St., Suite 300  
Concord, NH 03301

Include in your letter:

A detailed description of the proposed project, including approximate proposed project construction schedule and project activities (e.g., land clearing, utilities, stormwater management). Site plans are often helpful in our evaluation process.

- A description of the natural characteristics of the property and surrounding area (e.g., forested areas, freshwater wetlands, open waters, and soils). Photographs are often helpful in assessing the habitat. Additionally, please include a description of surrounding land use (residential, agricultural, or commercial).
- The location of the above referenced property and extent of any project related activities or discharges clearly indicated on a copy of a USGS 7.5 Minute Topographic Quadrangle (Quad) with the name of the Quad(s) and latitude/longitude clearly labeled.
- A description of conservation measures to avoid or minimize impacts to listed species.

Why does this matter?- In a case where no habitat is present, a quick and easy determination can be made that further coordination is not necessary. In a case where habitat is present, but you believe that the project activities will not impact listed species, it is important to coordinate with us to ensure that all project activities and all potential effects (direct and indirect) have been considered.

(Please allow 30 days following our receipt of your request for processing.)



**Step 3.** - Based on the results of the habitat survey and a description of the proposed project (including information as to whether any potential habitat may be directly or indirectly affected), the involved Federal agency may determine:

- The proposed project will result in no effect to any T/E species and no further coordination or consultation with the Service is required;
- Additional information (e.g., surveys) is required to determine whether any T/E species are likely to occur within the proposed project area; or
- The proposed project "may affect" a T/E species and consultation with the Service is required.

**Files in PDF format will require Acrobat Reader to access the content. If you do not have a copy, please select the link [or click the image] to take you to the Adobe website where you can download a free copy. [Get Adobe Acrobat Reader](#)**

Last updated: January 3, 2011

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# New York Field Office

## Northeast Region

Monday  
February 07, 2011

### Action Area

[Home](#)

[Endangered Species](#)

[Conservation Planning Assistance](#)

[Environmental Contaminants](#)

[Partners for Fish & Wildlife](#)

[Newsroom](#)

[Congressional Briefings](#)

[Contact Information & Directions](#)

Action area refers to the area directly or indirectly affected by the proposed action. This area will usually be larger than the project footprint.

To determine your action area, mark the project footprint on a topo map. Identify the range of impacts such as:

1. Ground disturbance
2. Changes in water quality and quantity (both surface and underground water)
3. Air quality impacts
4. Lighting effects
5. Noise disturbance

Draw a line around all of the affected areas. This is the action area. Send us a copy of the map when you initiate Project Reviews.

Example:

[Endangered Species](#)

[Description](#)

[Species Listing](#)

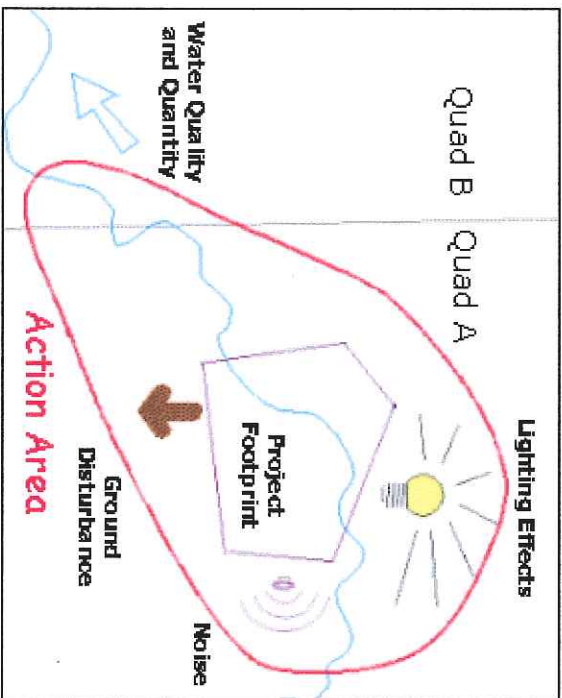
[Recovery Efforts](#)

[Long Island Recovery Efforts](#)

[Recovery Plans](#)

[Project Reviews](#)

1W56



In the diagram to the left, the project affects water quality or quantity downstream. So the applicant should obtain a species list for both Quad A and Quad B (or County A and County B).

FWS Endangered Species Home Page • FWS Endangered Species Northeast Region

Last updated: February 3, 2010  
All images by FWS unless otherwise noted.

1W57

U.S. Fish & Wildlife Service

## Exit Message

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U.S. Fish and Wildlife Service  
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# Connecticut Department of Environmental Protection

## Insects Plants Endangered and Invasive Species

### Endangered Species General Information

[Contributing Data](#)

[Endangered Species](#)

[Endangered Species Review/Data Requests](#)

[Endangered Species/Wildlife Income Tax Check-Off](#)

[Endangered, Threatened and Special Concern Species Fact Sheets](#)

[Natural Diversity Data Base Maps](#)



### Endangered Species Listings

[Endangered, Threatened & Special Concern Amphibians](#)

[Endangered, Threatened & Special Concern Birds](#)

[Endangered, Threatened & Special Concern Fish](#)

[Endangered, Threatened & Special Concern Invertebrates](#)

[Endangered, Threatened & Special Concern Mammals](#)

[Endangered, Threatened & Special Concern Plants](#)

[Endangered, Threatened & Special Concern Reptiles](#)

[Endangered, Threatened & Special Concern Species](#)

[Endangered, Threatened and Special Concern Species by Taxonomic Group](#)

[Endangered, Threatened and Special Concern Species listed by County](#)

### Insects

[Insects & Invertebrates](#)

### Invasive Species

[Invasive Species](#)

[Non-native Invasive Plant Species Policy](#)

[Non-Native Invasive Plant Species Program](#)

### Plants

[Invasive Plants Grants to Municipalities: Notice of Availability](#)

CT DEP announces grants for municipalities to control invasive plant species

[Plants](#)