

# PROTECTED WILDLIFE SPECIES OF NORTH CAROLINA



Eastern hellbender-state special concern



Carolina northern flying squirrel-federally endangered



Neuse River waterdog- state special concern



**N.C. Wildlife Resources Commission**  
**[www.ncwildlife.org](http://www.ncwildlife.org)**  
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The species listed in this document have been recognized as needing additional conservation by the North Carolina Wildlife Resources Commission under the State Endangered Species Act (G.S. 113-331 to 113-337) and by the U.S. Fish and Wildlife Service, under the Federal Endangered Species Act (16 U.S.C. 1531 to 1543). The N.C. General Statute refers to this list as the Protected Animal List.

This publication was produced by the N.C. Wildlife Resources Commission for informational purposes only. It reflects the most current information available in the **NCAC 101.0100 Endangered and Threatened Species** listings.

State-listed species are separated into three categories: North Carolina Endangered; North Carolina Threatened; and North Carolina Special Concern. State designations and their definitions are listed below:

**North Carolina Endangered.** Any native or once-native species of wild animal whose continued existence as a viable component of the State's fauna is determined by the Wildlife Resources Commission to be in jeopardy or any wild animal determined to be an "endangered species" pursuant to the Endangered Species Act.

**North Carolina Threatened.** Any native or once-native species of wild animal that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range or one that is designated as a threatened species pursuant to the Endangered Species Act.

**North Carolina Special Concern.** Any species of wild animal native or once native to North Carolina that is determined by the Wildlife Resources Commission to require monitoring but that may be taken under regulations adopted under the provisions of Article 25.

Following each species listing in this document are the species federal listing, as designated by the U.S. Fish and Wildlife Service, (if applicable). Federal designations and their definitions are listed below.

### **Federal Listing Designation Definitions**

**FE - Federally Listed as Endangered.** Any native or once native species of wild animal whose continued existence as a viable component of the state's fauna is determined by the U.S. Fish and Wildlife Service to be in jeopardy or any wild animal determined to be an "endangered animal" pursuant to the Endangered Species Act.

**FT - Federally Listed as Threatened.** Any native or once native species of wild animal that is likely to become an endangered species within the foreseeable future throughout all, or significant, portions of its range, or one that is designated "threatened" pursuant to the Endangered Species Act.

To learn more about federally listed species in North Carolina, go to [http://www.fws.gov/raleigh/es\\_tes.html](http://www.fws.gov/raleigh/es_tes.html)

To learn more about the U.S. Fish and Wildlife Service's Endangered Species Program, go to <http://www.fws.gov/endangered/>



**Produced by the N.C. Wildlife Resources Commission  
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# North Carolina Endangered Species

## FE - Federally Listed as Endangered

### Amphibians (1)

Green salamander (*Aneides aeneus*)

### Birds (9)

American peregrine falcon (*Falco peregrinus anatum*)  
Bachman's warbler (*Vermivora bachmanii*) FE  
Bewick's wren (*Thryomanes bewickii*)  
Ivory-billed woodpecker (*Campephilus principalis*) FE  
Kirtland's warbler (*Dendroica kirtlandii*) FE  
Piping plover (*Charadrius melodus circumcinctus*) FE  
Red cockaded woodpecker (*Picoides borealis*) FE  
Roseate tern (*Sterna dougallii dougallii*) FE  
Wood stork (*Mycteria americana*) FE

### Crustacea (1)

Bennett's Mill cave water slater (*Caecidotea carolinensis*)

### Fish (12)

Atlantic Sturgeon (*Acipenser oxyrinchus*) FE  
Blotchside logperch (*Percina burtoni*)  
Bridle shiner (*Notropis bifrenatus*)  
Cape Fear shiner (*Notropis mekistocholas*) FE  
Dusky darter (*Percina sciera*)  
Orangefin madtom (*Noturus gilberti*)  
Paddlefish (*Polyodon spathula*)  
Roanoke logperch (*Percina rex*) FE  
Robust redhorse (*Moxostoma robustum*)  
Rustyside sucker (*Thoburnia hamiltoni*)  
Shortnose sturgeon (*Acipenser brevirostrum*) FE  
Stonecat (*Noturus flavus*)

### Mammals (6)

Carolina northern flying squirrel (*Glaucomys sabrinus coloratus*) FE  
Eastern cougar (*Puma concolor*) FE  
Gray bat (*Myotis grisescens*) FE  
Indiana bat (*Myotis sodalis*) FE  
Manatee (*Trichechus manatus*) FE  
Virginia big-eared bat (*Corynorhinus townsendii virginianus*) FE

### Mollusks (25)

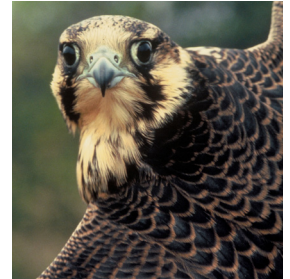
Appalachian elktoe (*Alasmodonta raveneliana*) FE  
Atlantic pigtoe (*Fusconaia masoni*)  
Barrel floater (*Anodonta couperiana*)  
Brook floater (*Alasmodonta varicosa*)  
Carolina creekshell (*Villosa vaghaniana*)  
Carolina heelsplitter (*Lasmigona decorata*) FE  
Dwarf wedge mussel (*Alasmodonta heterodon*) FE  
Fragile glyph (*Glyphyalinia clingmani*)  
Green floater (*Lasmigona subviridis*)  
Greenfield rams-horn (*Helisoma eucosmium*)



Green salamander



Roanoke logperch



Peregrine falcon

# North Carolina Endangered Species (continued)

## FE - Federally Listed as Endangered

### Mollusks (continued)

James spinymussel (*Pleurobema collina*) FE  
Knotty elimia (*Elimia christyi*)  
Little-wing pearlymussel (*Pegias fabula*) FE  
Magnificent rams-horn (*Planorbella magnifica*)  
Neuse spike (*Elliptio judithae*)  
Purple wartyback (*Cyclonaias tuberculata*)  
Savannah lilliput (*Toxolasma pullus*)  
Slippershell mussel (*Alasmidonta viridis*)  
Tan riffleshell (*Epioblasma florentina walkeri*) FE  
Tar River spinymussel (*Elliptio steinstansana*) FE  
Tennessee clubshell (*Pleurobema oviforme*)  
Tennessee heelsplitter (*Lasmigona holstonia*)  
Tennessee pigtoe (*Fusconaia barnesiana*)  
Yellow lampmussel (*Lampsilis cariosa*)  
Yellow lance (*Elliptio lanceolata*)



Eastern diamondback rattlesnake

### Reptiles (5)

Atlantic hawksbill sea turtle (*Eretmochelys imbricata imbricata*) FE  
Eastern coral snake (*Micrurus fulvius fulvius*)  
Eastern diamondback rattlesnake (*Crotalus adamanteus*)  
Kemp's ridley sea turtle (*Lepidochelys kempii*) FE  
Leatherback sea turtle (*Dermochelys coriacea*) FE

# North Carolina Threatened Species

## FT - Federally Listed as Threatened

### Amphibians (4)

Carolina gopher frog (*Rana capito capito*)  
Eastern tiger salamander (*Ambystoma tigrinum tigrinum*)  
Junaluska salamander (*Eurycea junaluska*)  
Wehrle's salamander (*Plethodon wehrlei*)

### Birds (4)

Bald eagle (*Haliaeetus leucocephalus*)  
Gull-billed tern (*Sterna nilotica aranea*) new genus is *Gelochelidon*  
Northern saw-whet owl (*Aegolius acadicus*)  
Piping plover (*Charadrius melodus melodus*) FT

### Fish (16)

American brook lamprey (*Lampetra appendix*)  
Banded sculpin (*Cottus caroliniae*)  
Bigeye jumprock (*Scartomyzon ariommus*) new genus is *Moxostoma*

# North Carolina Threatened Species (continued)

## FT - Federally Listed as Threatened

### Fish (continued)

Blackbanded darter (*Percina nigrofasciata*)  
Carolina madtom (*Noturus furiosus*)  
Carolina pygmy sunfish (*Elassoma boehlkei*)  
Carolina redhorse (*Moxostoma* sp., Pee Dee River and Cape Fear River and their tributaries)  
Least brook lamprey (*Lampetra aepyptera*)  
Logperch (*Percina caprodes*)  
Rosyface chub (*Hybopsis rubrifrons*)  
Sharphead darter (*Etheostoma acuticeps*)  
Sicklefin redhorse (*Moxostoma* sp., Hiwassee River and Little Tennessee River and their tributaries)  
Spotfin chub (*Cyprinella monacha*) FT  
Turquoise darter (*Etheostoma inscriptum*)  
Waccamaw darter (*Etheostoma perlongum*)  
Waccamaw silverside (*Menidia extensa*) FT

### Mammals (2)

Eastern woodrat (*Neotoma floridana floridana*)  
Rafinesque's big-eared bat (*Corynorhinus rafinesquii rafinesquii*)

### Mollusks (21)

Alewife floater (*Anodonta implicata*)  
Big-tooth covert (*Fumonelix jonesiana*)  
Cape Fear threetooth (*Triodopsis soelneri*)  
Carolina fatmucket (*Lampsilis radiata conspicua*)  
Clingman covert (*Fumonelix wheatleyi clingmanicus*)  
Eastern lampmussel (*Lampsilis radiata radiata*)  
Eastern pondmussel (*Ligumia nasuta*)  
Engraved covert (*Fumonelix orestes*)  
Mountain creekshell (*Villosa vanuxemensis*)  
Noonday globe (*Patera clarki nantahala*) FT  
Roan supercoil (*Paravitrea varidens*)  
Roanoke slabshell (*Elliptio roanokensis*)  
Sculpted supercoil (*Paravitrea ternaria*)  
Seep mudalia (*Leptoxis dilatata*)  
Smoky Mountain covert (*Inflectarius ferrissi*)  
Squawfoot (*Strophitus undulatus*)  
Tidewater mucket (*Leptodea ochracea*)  
Triangle floater (*Alasmodonta undulata*)  
Waccamaw ambersnail (*Catinella waccamawensis*)  
Waccamaw fatmucket (*Lampsilis fullerkati*)  
Waccamaw spike (*Elliptio waccamawensis*)



Bald eagle



Rafinesque's big-eared bat



Northern saw-whet owl

### Reptiles (4)

Bog turtle (*Glyptemys muhlenbergii*) FT  
American alligator (*Alligator mississippiensis*) FT  
Green sea turtle (*Chelonia mydas*) FT  
Loggerhead sea turtle (*Caretta caretta*) FT

# North Carolina Special Concern Species

## Amphibians (12)

- Crevice salamander (*Plethodon longicrus*)
- Dwarf salamander (*Eurycea quadridigitata*)
- Eastern hellbender (*Cryptobranchus alleganiensis alleganiensis*)
- Four-toed salamander (*Hemidactylium scutatum*)
- Longtail salamander (*Eurycea longicauda longicauda*)
- Mole salamander (*Ambystoma talpoideum*)
- Mountain chorus frog (*Pseudacris brachyphona*)
- Mudpuppy (*Necturus maculosus*)
- Neuse River waterdog (*Necturus lewisi*)
- River frog (*Rana heckscheri*)
- Southern zigzag salamander (*Plethodon ventralis*)
- Weller's salamander (*Plethodon welleri*)

## Birds (23)

- American oystercatcher (*Haematopus palliatus*)
- Bachman's sparrow (*Aimophila aestivalis*)
- Black-capped chickadee (*Parus atricapillus*)
- Black rail (*Laterallus jamaicensis*)
- Black skimmer (*Rynchops niger*)
- Brown creeper (*Certhia americana nigrescens*)
- Cerulean warbler (*Dendroica cerulea*)
- Common tern (*Sterna hirundo*)
- Glossy ibis (*Plegadis falcinellus*)
- Golden-winged warbler (*Vermivora chrysoptera*)
- Henslow's sparrow (*Ammodramus henslowii*)
- Least bittern (*Ixobrychus exilis*)
- Least tern (*Sterna antillarum*) genus changed to *Sternula*
- Little blue heron (*Egretta caerulea*)
- Loggerhead shrike (*Lanius ludovicianus*)
- Olive-sided flycatcher (*Contopus cooperi*)
- Painted bunting (*Passerina ciris*)
- Red crossbill (*Loxia curvirostra*)
- Snowy egret (*Egretta thula*)
- Tricolored heron (*Egretta tricolor*)
- Vesper sparrow (*Pooecetes gramineus*)
- Wilson's plover (*Charadrius wilsonia*)
- Yellow-bellied sapsucker (*Sphyrapicus varius appalachiensis*)

## Crustacea (11)

- Broad River spiny crayfish (*Cambarus spicatus*)
- Carolina skistodiaptomus (*Skistodiaptomus carolinensis*)
- Carolina well diacyclops (*Diacyclops jeannelli putei*)
- Chowanoke crayfish (*Orconectes virginianus*)
- Graceful clam shrimp (*Lynceus gracilicornis*)
- Greensboro burrowing crayfish (*Cambarus catagius*)
- Hiwassee headwaters crayfish (*Cambarus parrishi*)



Black skimmer



Mudpuppy



Black-capped chickadee

# North Carolina Special Concern Species (continued)

## Crustacea (continued)

- Little Tennessee River crayfish (*Cambarus georgiae*)
- North Carolina spiny crayfish (*Orconectes carolinensis*)
- Oconee stream crayfish (*Cambarus chaugaensis*)
- Waccamaw crayfish (*Procambarus braswelli*)

## Fish (28)

- Atlantic sturgeon (*Acipenser oxyrinchus*)
- Bluefin killifish (*Lucania goodei*)
- Blue Ridge sculpin (*Cottus caeruleomentum*)
- Blueside darter (*Etheostoma jessiae*)
- Broadtail madtom (*Noturus* sp., Lumber River and Cape Fear River and their tributaries)
- Carolina darter (*Etheostoma collis*)
- Cutlip minnow (*Exoglossum maxillingua*)
- Freshwater drum (*Aplodinotus grunniens*, French Broad River)
- Highfin carpsucker (*Carpiodes velifer*, Cape Fear River and its tributaries)
- Kanawha minnow (*Phenacobius teretulus*)
- Lake sturgeon (*Acipenser fulvescens*)
- Least killifish (*Heterandria formosa*)
- Longhead darter (*Percina macrocephala*)
- Mooneye (*Hiodon tergisus*)
- Mountain madtom (*Noturus eleutherus*)
- Olive darter (*Percina squamata*)
- Pinewoods darter (*Etheostoma mariae*)
- River carpsucker (*Carpiodes carpio*)
- Riverweed darter (*Etheostoma podostemone*)
- Sandhills chub (*Semotilus lumbee*)
- Sharpnose darter (*Percina oxyrhynchus*)
- Smoky dace (*Clinostomus* sp., Little Tennessee River and tributaries)
- Striped shiner (*Luxilus chrysocephalus*)
- Tennessee snubnose darter (*Etheostoma simoterum*)
- Thinlip chub (*Cyprinella zanema*, Lumber River and Cape Fear River and their tributaries)
- Waccamaw killifish (*Fundulus waccamensis*)
- Wounded darter (*Etheostoma vulneratum*)
- Yellowfin shiner (*Notropis lutipinnis*, Savannah River and its tributaries)



Painted bunting

## Mammals (13)

- Allegheny woodrat (*Neotoma magister*)
- Buxton Woods white-footed mouse (*Peromyscus leucopus buxtoni*)
- Coleman's oldfield mouse (*Peromyscus polionotus colemani*)
- Eastern big-eared bat (*Corynorhinus rafinesquii macrotis*)
- Eastern small-footed bat (*Myotis leibii leibii*)
- Elk (*Cervus elaphus*)
- Florida yellow bat (*Lasiurus intermedius floridanus*)
- Pungo white-footed mouse (*Peromyscus leucopus easti*)
- Southeastern bat (*Myotis austroriparius*)
- Southern rock shrew (*Sorex dispar blitchi*)
- Southern rock vole (*Microtus chrotorrhinus carolinensis*)
- Southern water shrew (*Sorex palustris punctulatus*)
- Star-nosed mole (*Condylura cristata parva*)

# North Carolina Special Concern Species (continued)

## Mollusks (31)

Appalachian gloss (*Zonitoides patuloides*)  
Bidentate dome (*Ventridens coelaxis*)  
Black mantleslug (*Pallifera hemphilli*)  
Blackwater ancyloid (*Ferrissia hendersoni*)  
Blue-foot lancetooth (*Haplotrema kendeighi*)  
Cape Fear spike (*Elliptio marsupiobesa*)  
Dark glyph (*Glyphyalinia junaluskana*)  
Dwarf proud globe (*Patera clarki clarki*)  
Dwarf threetooth (*Triodopsis fulciden*)  
Fringed coil (*Helicodiscus fimbriatus*)  
Glossy supercoil (*Paravitrea placentula*)  
Great Smoky slitmouth (*Stenotrema depilatum*)  
High mountain supercoil (*Paravitrea andrewsae*)  
Honey glyph (*Glyphyalinia vanattai*)  
Lamellate supercoil (*Paravitrea lamellidens*)  
Mirey Ridge supercoil (*Paravitrea clappi*)  
Notched rainbow (*Villosa constricta*)  
Open supercoil (*Paravitrea umbilicaris*)  
Pink glyph (*Glyphyalinia pentadelphica*)  
Pod lance (*Elliptio folliculata*)  
Queen crater (*Appalachina chilhoweensis*)  
Rainbow (*Villosa iris*)  
Ramp Cove supercoil (*Paravitrea lacteodens*)  
Saw-tooth disc (*Discus bryanti*)  
Spike (*Elliptio dilatata*)  
Spiral coil (*Helicodiscus bonamicus*)  
Velvet covert (*Inflectarius subpalliatu*)  
Waccamaw amnicola (*Amnicola* sp.)  
Waccamaw lampmussel (*Lampsilis crocata*)  
Waccamaw siltsnail (*Cincinnatia* sp.)  
Wavy-rayed lampmussel (*Lampsilis fasciola*)



Diamondback terrapin



Northern pine snake



Weller's salamander

## Reptiles (11)

Carolina pigmy rattlesnake (*Sistrurus miliarius miliarius*)  
Carolina watersnake (*Nerodia sipedon williamengelsi*)  
Diamondback terrapin (*Malaclemys terrapin*)  
Eastern smooth green snake (*Opheodrys vernalis vernalis*)  
Eastern spiny softshell (*Apalone spinifera spinifera*)  
Mimic glass lizard (*Ophisaurus mimicus*)  
Northern pine snake (*Pituophis melanoleucus melanoleucus*)  
Outer Banks kingsnake (*Lampropeltis getula sticticeps*)  
Southern hognose snake (*Heterodon simus*)  
Stripeneck musk turtle (*Sternotherus minor peltifer*)  
Timber rattlesnake (*Crotalus horridus*)