Natural Heritage Program

List of Rare Animal Species of North Carolina

2026

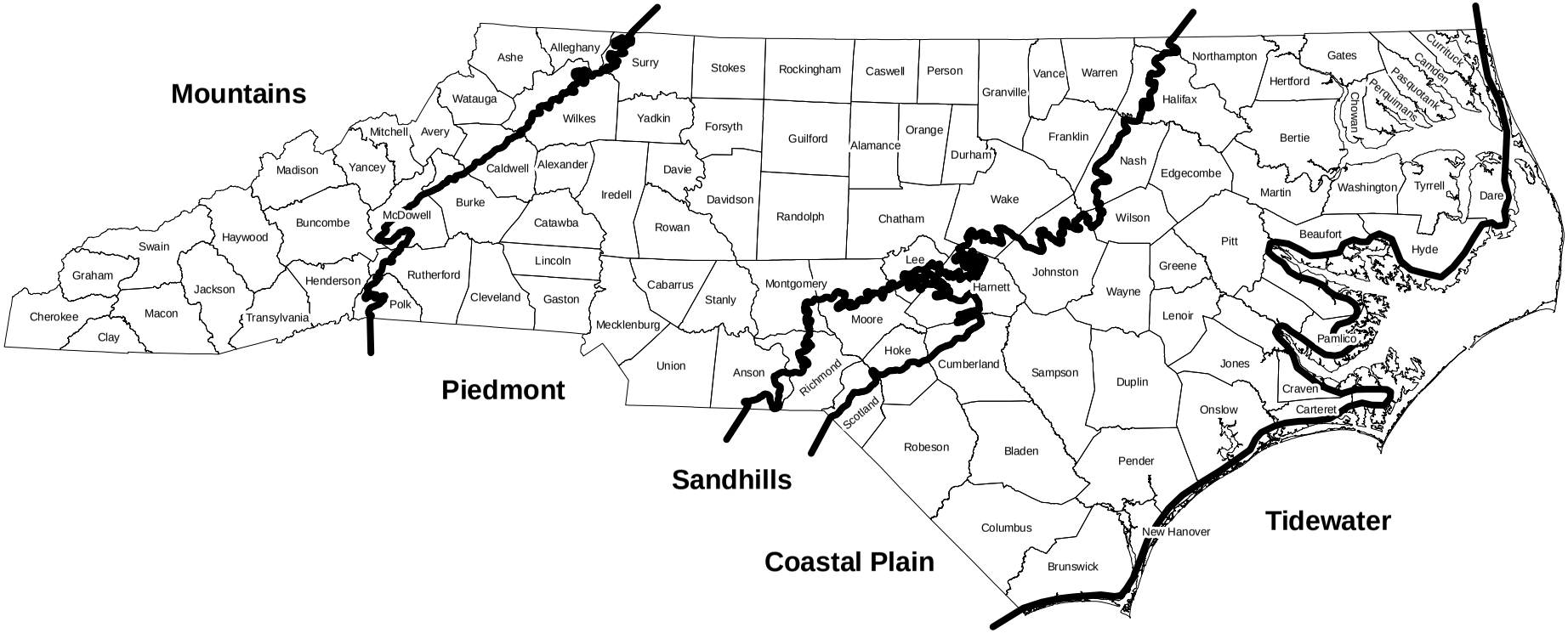


Autum Tiger Beetle (Cicindela nigrior)
Photo by Ed Corey, NC State Parks

DNCR
North Carolina Department of Natural & Cultural Resources

Compiled by
Judith Ratcliffe, Zoologist,
Laurie Hamon, Pollinator Biologist,
and Mitch East, Data Manager

NORTH CAROLINA
Natural Heritage Program
SCIENCE GUIDING CONSERVATION



THE COUNTIES AND PHYSIOGRAPHIC PROVINCES OF NORTH CAROLINA

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North Carolina Natural Heritage Program
N.C. Department of Natural and Cultural Resources
Raleigh, NC 27699-1651

www.ncnhp.org

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This list is dynamic and is revised frequently as new data becomes available. New species are added to the list, and others are dropped from the list as appropriate. The list is published periodically, generally every two years. Further information may be obtained by contacting the North Carolina Natural Heritage Program, Department of Natural and Cultural Resources, 1651 MSC, Raleigh, NC 27699-1651 and the North Carolina Wildlife Resources Commission, 1701 MSC, Raleigh, NC 27699-1701. Additional information on rare species, as well as a digital version of this list, can be obtained from the Natural Heritage Program's website at www.ncnhp.org.

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ACKNOWLEDGMENTS

The Endangered, Threatened, and Special Concern species lists of the North Carolina Wildlife Resources Commission make up the majority of vertebrate, mollusk, and crustacean species on the Rare Animal List. Scientific Councils, appointed by the Commission's Nongame Wildlife Advisory Committee, compile recommendations for consideration by the Commission and upon approval these become legally protected species in North Carolina – the efforts of current and former Council members are very much appreciated.

The invertebrate lists have been developed with the assistance of taxa experts, including Steve Hall (various groups including land snails, dragonflies and damselflies, moths, and grasshoppers and katydids), John Cooper (crayfishes), Trish MacPherson, Kathy Herring, Dave Lenat, Dave Penrose, Eric Fleek, Steven Beaty, Victor Holland, and Chris Verdone (mayflies, stoneflies, caddisflies, and beetles), Dale Schweitzer (various groups but especially moths), Bo Sullivan (butterflies and moths), and Amy VanDevender (land snails). The dragonfly and damselfly lists were developed through the collection records of Duncan Cuyler, with his data provided to NCNHP by Steve Roble and Bill Mauffray. The bee list was developed in part based on analyses conducted by Elsa Youngsteadt.

Species lists and rankings were further informed by findings from North Carolina Biodiversity Project (NCBP) and its contributing biologists. These contributors include Harry LeGrand, Steve Hall, Ed Corey, Jeff Pippen, and others. Tom Howard coordinated data sharing with NCNHP staff.

Several staff members of the N.C. Natural Heritage Program (NCNHP) were involved in the preparation of this document: Jame Amoroso, Kayla Christianson, and Suzanne Mason entered numerous animal records into the database over the past two years facilitating well informed rank evaluations. We extend our gratitude to partner agencies including the N.C. Department of Transportation, N.C. Wildlife Resources Commission, and U.S. Forest Service who have supported this work through contracts and grants. Mitch East implemented online access to this document. Misty Franklin, our Director, provided invaluable guidance throughout the list preparation and review of the final draft.

Dr. Harry LeGrand, former NCNHP Vertebrate Zoologist, developed the foundation of the Rare Animal List during his tenure with our program – his efforts are carried forward with greatest appreciation.

INTRODUCTION

The North Carolina Natural Heritage Program (NCNHP) conducts and maintains an inventory of known locations of rare animals and plants in the state as part of its mission to support conservation of natural areas. The primary functions of this inventory list are its use 1) in determining priorities for protection of the state's most important natural areas and the animals and plants contained therein, 2) in determining priorities for inventory, and 3) by public agencies, conservation organizations, and private persons for environmental assessment and land management planning.

The NCNHP is charged under the Nature Preserves Act (G.S. 143B-135.250 to -135.272) with compiling and maintaining information relevant to the protection of North Carolina's most important natural areas. NCNHP takes the lead role in North Carolina in the inventory of the state's natural diversity and the identification of important natural areas and rare species habitats. The list incorporates the most recent federal status designations determined by the U.S. Fish and Wildlife Service (USFWS) for all animal taxa native to North Carolina. This list also includes North Carolina legal status information from the N.C. Wildlife Resources Commission (NCWRC). NCWRC is responsible for the listing and protection of the state's nongame species of mammals, birds, reptiles, amphibians, freshwater fishes, mollusks, and crustaceans, under N.C. General Statutes - Chapter 113 Article 25. The NCNHP, NCWRC, and USFWS work cooperatively to ensure the continued survival of all of North Carolina's rich fauna.

Many species that lack formal legal protection are nonetheless imperiled in North Carolina. Therefore, NCNHP collects data on these species in addition to those classified under the protection designations of the USFWS and NCWRC and places them in two categories: Significantly Rare (SR) and Watch List (W). These species receive no special legal protection status; rather, the designation is used to convey information about the species' rarity within the state. The tracking of SR species, along with Endangered, Threatened, and Special Concern species, plays a critical role in how NCNHP evaluates natural areas for their importance in conservation of the state's native biodiversity. These status categories are defined in this list under "N.C. Status."

The North Carolina Animal Watch List includes species that are rare or uncommon, are not well studied, or are otherwise threatened with serious decline but for which current information does not justify placement on the Rare List by the NCNHP. Watch List species can be indicators of significant habitats, and their presence should be considered in planning natural area protection efforts, though obviously with less weight than higher priority rare species and natural communities. The NCNHP maintains digital files on these species but does not include them in its GIS maps or database. Animals placed on this list fall into a number of categories, discussed below. The NCNHP requests additional information about these species in order to clarify their status and reclassify them into other appropriate and more specific categories. Counties of known occurrence are listed for most groups. A few groups, such as birds, are migratory, and thus counties of occurrence will be misleading.

Reasons for the current placement of species on the Watch List rather than at a high rarity status (Endangered, Threatened, Special Concern, or Significantly Rare) vary. The taxonomic validity of some of these species is currently in doubt. For many of them, the NCNHP lacks adequate documentation of their historic or present extent in North Carolina; this is especially true for invertebrates. Others are known to be rare or uncommon in North Carolina but may not be native to the state, and they may or may not be declining. Some others may not necessarily be rare yet, but they are undergoing significant losses of or disturbances to their habitats.

Because of the difficulty in gathering data for marine and estuarine fishes, marine invertebrates, millipedes, scorpionflies, most beetles, ants, and annelids, these animals are no longer tracked or included on the Rare or Watch lists.

NCNHP requests your assistance in acquiring locality and population data on the species listed in this publication - data contribution forms can be filled out on our website (https://www.ncnhp.org/share-data/contribute-nhp-database).

For the most current information about the range of tracked species in North Carolina, visit the Species/Community Search tool (https://www.ncnhp.org/data/speciescommunity-search). Information, including maps and datasets, on animals, plants, and communities nationwide may be found on NatureServe Explorer (www.natureserve.org).

LIST FORMAT

Species are grouped by major taxa. Vertebrate animals are arranged by class, beginning with the most phylogenetically advanced (mammals). Within a given taxon, species are listed alphabetically by scientific name. The following information is presented for each species on the list: N.C. Status, U.S. Status, N.C. Rank, Global Rank, Physiographic Province/Region, Habitat, and Counties of Occurrence.

EXPLANATION OF STATUS AND RANK CODES

Status Codes

In North Carolina, all state status (Endangered, Threatened, and Special Concern) changes must be approved by the N.C. Wildlife Resources Commission (NCWRC) and published in the State Register for public comment. These taxa are given state protection under the State Endangered Species Act (G.S. 113-331 to 113-337). Significantly Rare and Watch List are NCNHP designations only, not affording official state protection. Former Watch List Status Codes (pre-2024) are shown in parentheses.

United States Status is designated by the U.S. Fish and Wildlife Service (USFWS) and the U.S. National Marine Fisheries Service (USNMFS) in accordance with the U.S. Endangered Species Act of 1973 (USESA), as amended.

N.C. STATUS – ANIMALS

N.C. STATUS CODE	STATUS	DEFINITION
E	Endangered	Any native or once-native species of wild animal whose continued existence as a viable component of the state's fauna is determined to be in jeopardy or any species of wild animal determined to be an Endangered species pursuant to the Endangered Species Act. (G.S. 113-25.)
T	Threatened	Any native or once-native species of wild animal which 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. (G.S. 113-25.)
SC	Special Concern	Any species of wild animal native or once-native to North Carolina which is determined by the NCWRC to require monitoring, but which may be taken under regulations adopted under the provisions of the Article. (G.S.113-25)
SR	Significantly Rare	Any species which has not been listed as an Endangered, Threatened, or Special Concern species, but which exists in the state (or recently occurred in the state) in small numbers and has been determined by the NCNHP to need monitoring. Significantly Rare species include species of historical occurrence with some likelihood of rediscovery in the state and species substantially reduced in numbers by habitat destruction, direct exploitation, or disease.
SR-G	Significantly Rare-Game	Species is a game animal or a furbearer, and therefore (by law) cannot be listed for state protection as E, T, or SC.

N.C. STATUS CODE	STATUS	DEFINITION
W-PD (W1)	Population Decline in NC	Species that are known to be **declining in North Carolina for reasons beyond habitat loss**. The distribution or population sizes of such species in the state are relatively well-known. Reasons for decline include exotic pests or pathogens, over-collection, poaching, and failure of reproduction. Because many of these taxa were once abundant or even dominant in parts of N.C., they may still be fairly common or frequently encountered, despite the strong decline. If current trends continue, however, many of these species will be threatened with extirpation in all or a major part of their ranges in N.C.
W-TH (W5)	Threat To Habitat	Species with increasing threats to their habitat but not yet warranting active tracking, whether or not populations are known to be declining. These threats can include loss of habitat from development and other modification (e.g., the dramatic loss of maritime forests), degradation of habitat (e.g., pollution and sedimentation of rivers and streams), and disturbance to the habitat (e.g., humans and vehicles on beaches), among other types of threats. Threats include use of pesticides, acid rain, and fire suppression.
W-PK (W3)	Poorly Known in NC	Species with inadequate information about their distribution and rarity in N.C. These are generally species which appear to be rare based on museum records and field experience of NCNHP staff, consultants, and cooperating scientists. Further information is needed to determine the true status of these species in N.C.
W-RS (W2)	Rare but Relatively Secure	Species whose status in N.C. is relatively well known and appear to be relatively secure at this time. While still notably rare, these species do not currently require site-specific monitoring and so are not on the Rare List. Many of these species were formerly on the Rare List; they are retained in this category because they require a lower level of monitoring to ensure their long-term security.
W-QD (W4)	Rare but Questionable Documentation	Species that have been reported from N.C. without adequate documentation. These species should be listed at a higher level when their reported occurrence in N.C. is verified. This category includes sight records, old and vague reports for which no documentation has appeared, and, in a few cases, more recent literature reports for which we have not yet received documentation.

N.C. STATUS CODE	STATUS	DEFINTION
W-QT (NEW)	Rare but Questionable Taxonomy	Species that include taxa of dubious validity and taxa under study and potentially to be named. If further study reveals that these are valid taxa, they would warrant addition to the Rare List. This category has been used for named and unnamed taxa that appear likely to achieve recognition by accepted taxonomic authorities.
W-NN (W6)	Rare but Believed Not Native	Species known to occur in N.C. that current data suggest are not native to N.C. but whose native occurrence is plausible. Some of these species were previously listed at a higher level, but field and/or genetic investigations suggest that all known N.C. occurrences are introductions.

U.S. STATUS – ANIMALS

U.S. STATUS CODE	STATUS	DEFINITION
E	Endangered	A taxon that is in danger of extinction throughout all or a significant portion of its range (Public Law 93-205 87 Stat. 884).
T	Threatened	A taxon that is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range (Public Law 93-205 87 Stat. 884).
C	Candidate	Taxa for which the USFWS has on file enough substantial information on biological vulnerability and threat(s) to support proposals to list them as endangered or threatened. Proposed rules have not yet been issued because this action is precluded at present by other listing activity. Development and publication of proposed rules on these taxa are anticipated. The USFWS encourages state and other federal agencies as well as other affected parties to give consideration to these taxa in environmental planning (Federal Register, 28 February 1996). Taxa formerly considered "Category 1" are now considered "Candidate."
BGPA	Bald and Golden Eagle Protection Act	The Bald and Golden Eagle Protection Act (16U.S.C. 668-668d) prohibits take of bald and golden eagles and provides a statutory definition of "take" that includes "disturb." The USFWS has developed National Bald Eagle Management Guidelines to provide guidance to land managers, landowners, and others as to how to avoid disturbing bald eagles. For additional information please see: http://www.fws.gov/migratorybirds/baldeagle.htm.
EXP	Experimental Population	A taxon listed as experimental (either essential or nonessential). Experimental, nonessential populations of endangered species (e.g., red wolf) are treated as threatened species on public land, for consultation purposes, and a species proposed for listing on private land.
P_	Proposed	Species proposed in the Federal Register as a status different from its current federal status.

U.S. STATUS CODE	STATUS	DEFINITION
T (S/A)	Threatened due to Similarity of Appearance	Section 4(e) of the USESA authorizes the treatment of a species (subspecies or population segment) as endangered or threatened even though it is not otherwise listed as endangered or threatened if (a) the species so closely resembles in appearance an endangered or threatened species that enforcement personnel would have substantial difficulty in differentiating between the listed and unlisted species, (b) the effect of this substantial difficulty is an additional threat to an endangered or threatened species, and (c) such treatment of an unlisted species will substantially facilitate the enforcement and further the policy of the USESA [Federal Register 4 November 1997, Volume 62(213):59605-59623].
T-4(d)	Threatened with a 4(d) rule	Section 4(d) of the ESA allows special regulations for threatened species that modify normal ESA protections when it is determined that such a modification is necessary and advisable to provide for the conservation of that species. A 4d rule is specific to the particular plant or animal for which it was created. For additional information please see: https://www.fws.gov/midwest/Endangered/mammals/nleb/4drule.html

Ranking System

Natural Heritage Programs and the NatureServe Network have developed a consistent method for evaluating the relative imperilment of both species and ecological communities. These assessments lead to the designation of a conservation rank. These ranks provide an estimate of extinction risk. Conservation rank values have been assigned over the past 30 years by the NCNHP, NatureServe, and a large number of collaborators in government agencies, universities, natural history museums, botanical gardens, and other conservation organizations. This information has been developed primarily to help in guiding conservation and informing environmental planning and management.

Conservation ranks are either state (S) or global (G) and are based on a one-to-five scale, ranging from critically imperiled (S1 or G1) to demonstrably secure (S5 or G5). These assessments are based on the best available information, considering a variety of factors such as abundance, distribution, population trends, and threats. Global ranks apply to the species throughout its range. The system is widely used as the best available scientific and objective assessment of a species' imperilment throughout its range.

A rank involving two numbers indicates uncertainty. For example, an S2S3 or a G2G3 rank indicates that the species may be S2 or S3 (or G2 or G3) but that existing data do not allow that determination to be made.

N.C. RANK – ANIMALS

N.C. RANK	DESIGNATION	DESCRIPTION
S1	Critically Imperiled	At very high risk of extirpation in the state due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
S2	Imperiled	At high risk of extirpation in the state due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
S3	Vulnerable	At moderate risk of extirpation in the state due to fairly restricted range (even if abundant at some locations), relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
S4	Apparently Secure	At low risk of extirpation in the state due to an extensive range and/or many populations or occcurrences but with possible cause for some concern as a result of local recent declines, threats, or other factors.
S5	Secure	At very low risk or no risk of extirpation in the state due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.

N.C. RANK	DESIGNATION	DESCRIPTION
SH	Historical	Of historical occurrence, with some expectation that it may be rediscovered. Its presence may not have been verified in the past 20 years. Upon verification of an extant occurrence, SH-ranked elements would typically receive an S1 rank.
SX	Presumed Extirpated	Believed to be extirpated. Has not been located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
SU	Unrankable	Currently unrankable due to lack of information or substantially conflicting information about status or trends. More information is needed.
SNR	Not Ranked	Statewide rank not yet assessed.
SNA	Not Applicable	A conservation status rank is not applicable because the element is not a suitable target for conservation for one of these reasons: • Hybrid – an interspecific hybrid without conservation value; • Exotic Origin – not native to North Carolina; • Accidental/Nonregular – outside usual range and not regularly found in North Carolina; • Not Confidently Present – never documented as present in NC; • Synonym – the taxon is not recognized by the NCNHP.
S_B	Breeding	Rank of the breeding population in the state. Used for migratory species only. Ex: Bachman's sparrow (*Peucaea aestivalis*) is S3B,S2N).
S_N	Nonbreeding	Rank of the nonbreeding population in the state. Used for migratory species only. Ex: Bachman's sparrow.
S_?	Uncertain	Denotes inexact or uncertain numeric rank.

GLOBAL RANK – ANIMALS

GLOBAL RANK	DESIGNATION	DESCRIPTION
G1	Critically Imperiled	At very high risk of extinction due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
G2	Imperiled	At high risk of extinction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
G3	Vulnerable	At moderate risk of extinction due to fairly restricted range (even if abundant at some locations), relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
G4	Apparently Secure	At low risk of extinction due to an extensive range and/or many populations or occurrences but with possible cause for some concern as a result of local recent declines, threats or other factors. Uncommon but not rare (although it may be rare in parts of its range, particularly on the periphery) and usually widespread.
G5	Secure	At very low risk or no risk of extinction due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats. Common, widespread, and abundant (although it may be rare in parts of its range, particularly on the periphery). Not vulnerable in most of its range.
GH	Historical	Known only from historical occurrences, but with some expectation that it may be rediscovered. May still be extant; further searching is needed.
GX	Presumed Extinct	Believed to be extinct throughout its range (e.g., passenger pigeon) with virtually no likelihood that it will be rediscovered. Not located despite intensive searches of historical sites and other appropriate habitat and virtually no likelihood of rediscovery.
GU	Unrankable	Currently unrankable due to lack of information or due to substantially conflicting information about status or trends; need more information.
GNR	Not Ranked	Global rank not yet assessed.
G_T_	Subspecies or Variety Rank	The status of infraspecific taxa (subspecies or varieties) are indicated by "T-rank" following the species' global rank. T-ranks follow the same principles outlined above. As an example, G4T1 would apply to a subspecies of a species with an overall rank of G4, but the subspecies warranting a rank of G1.

GLOBAL RANK	DESIGNATION	DESCRIPTION
G_?	Uncertain	Denotes inexact or uncertain numeric rank.
G_Q	Questionable Taxonomy	Taxonomic classification that may reduce conservation priority. Distinctiveness of this entity as a taxon at the current level is questionable. Resolution of this uncertainty may result in change from a species to a subspecies or inclusion of this taxon in another taxon, with the resulting element having a lower-priority conservation status rank.

Physiographic Province/Region. The provinces/regions in which the species is known to occur are indicated. This should not be regarded as the only province(s) or regions(s) of the state in which the species could occur; our knowledge of the fauna of North Carolina is still very imperfect. The provinces are abbreviated as follows:

ABBREVIATION	PROVINCE/REGION	DESCRIPTION
M	Mountains (Blue Ridge)	All parts of North Carolina west of the foot of the Blue Ridge Escarpment.
P	Piedmont	All parts of North Carolina east of the foot of the Blue Ridge Escarpment and west of the Fall Line, including outlying "foothill" ranges, such as the Brushy, Uwharrie, Sauratown, and South mountains. This province is shallowly underlain by crystalline metamorphic, igneous, or (rarely) consolidated sedimentary rocks.
C	Coastal Plain	All parts of North Carolina east of the Fall Line, but excluding the Sandhills region and those portions associated with Tidewater. Generally consisting of unconsolidated sands, silts, clays, and peats, though rarely shallowly underlain by consolidated coquina limestone ("marl").
S	Sandhills	Portions of Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Scotland, and Montgomery counties consisting mostly of deep aeolian sands of the Middendorf and Pinehurst formations (Cretaceous to Tertiary age). The Sandhills are really part of the coastal plain but are here distinguished because of their distinctive geomorphology and vegetation. Areas somewhat resembling the Sandhills region but occurring in other parts of the state (such as Carolina bay rims and aeolian or beach ridge deposits in the outer Coastal Plain) are considered part of the Coastal Plain Province.
T	Tidewater	Areas associated with tidal water, such as the ocean and barrier islands, sounds, estuaries, and mainland brackish or salt marshes.

Habitat. The known habitats are described; as with provinces, these should not be regarded as the only possible habitats of the species in the state.

Counties of Known Occurrence. Following the description of habitats is a listing of the known counties of occurrence in the NCNHP database. We request information about any new occurrences in the state. County names are followed by symbols (defined below) if the species has not been recently verified within the county.

*	All recorded occurrences in the county are either extirpated, have not been found in recent surveys, or have not been surveyed recently enough to be confident they are still present. Unsurveyed occurrences are regarded as historical after 20-40 years, the number of years depending on the species and the amount of habitat alteration in the area. An asterisk should not be regarded as a definitive statement that the species is gone from the county but indicates that its continued existence is uncertain.

The zoological exploration of North Carolina is far from complete, and many additional county records will be found, generally (but not always) in proximity to counties listed. Visit the Natural Heritage Program website for the most up-to-date county occurrence information: www.ncnhp.org.

NUMBER OF ANIMAL TAXA BY STATUS

Numbers in the table indicate number of taxa – generally species as well as valid unique varieties and subspecies – for each group and status. Because many taxa have both an N.C. and a U.S. status, totals cannot be added across a complete line. The total number of species in North Carolina is an estimate of the species that do occur or have occurred at one time in the state (table updated 2026-11-13).

GROUP	COUNT *	N.C. STATUS				U.S. STATUS		
		E	T	SC	SR	E	T	Other
Mammals	142	8	5	9	8	5	1	1 E, XN, 1 PE
Birds	498	8	12	20	27	1	4	2 BGPA
Reptiles	94	8	9	21	3	2	2 T, 2 T(S/A)	1 PT
Amphibians	130	7	15	16	15	-	1	1 PE
Freshwater Fishes	271	12	20	28	18	4	3	2 C
Freshwater Bivalves	87	18	13	6	5	6	3	2 PE, 1 PT
Gastropods	327+	4	8	27	52	1	1	-
Arachnids	?	-	-	-	13	1	-	-
Crustaceans	?	2	5	11	10	-	-	-
Mayflies	?	-	-	-	21	-	-	-
Stoneflies	?	-	-	-	41	-	-	-
Caddisflies	?	-	-	-	19	-	-	-
Dragonflies and Damselflies	195	-	-	-	38	-	-	-
Butterflies	190	-	-	-	39	1	-	1 PE
Moths	3000	-	-	-	113	-	-	-
Grasshoppers and Katydids	250+	-	-	-	21	-	-	-
Beetles	308+	-	-	-	17	1	-	-
True Bugs	?	-	-	-	1	-	-	-
Flies	?	-	-	-	1	-	-	-
Bees	?	-	-	-	22	1	-	-
Totals	---	67	87	138	484	23	17	12

* Approximate number known from North Carolina, numbers based on NCNHP data and NC Biodiversity Project estimates (https://nc-biodiversity.com/)

NORTH CAROLINA ANIMAL LIST: RARE AND WATCH

North Carolina Natural Heritage Program
Judith Ratcliffe, Zoologist
Laurie Hamon, Pollinator Biologist
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SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
	Vertebrates				
Mammals					
Canis rufus	Red Wolf	T	E, XN	S1	G1
Condylura cristata pop. 1	Star-nosed Mole - Coastal Plain population	SC		S2	G5T2Q
Corynorhinus rafinesquii macrotis	Eastern Big-eared Bat	SC		S3	G3T3
Corynorhinus rafinesquii rafinesquii	Rafinesque's Big-eared Bat	T		S2	G3T3
Corynorhinus townsendii virginianus	Virginia Big-eared Bat	E	E	S1	G4T3
Glaucomys sabrinus coloratus	Carolina Northern Flying Squirrel	E	E	S2	G5T2
Lasiurus cinereus	Hoary Bat	SR		S3S4	G3G4
Lasiurus intermedius floridanus	Florida Yellow Bat	SC		S1	G5T4
Lasiurus seminolus	Seminole Bat	W-RS		S3	G5
Microtus chrotorrhinus carolinensis	Southern Rock Vole	SC		S3	G5T3
Mustela nivalis	Least Weasel	SR-G		S2	G5
Myotis austroriparius	Southeastern Bat	SC		S2	G4
Myotis grisescens	Gray Bat	E	E	S1	G3G4
Myotis leibii	Eastern Small-footed Bat	SC		S2	G4
Myotis lucifugus	Little Brown Bat	E		S2	G3G4
Myotis septentrionalis	Northern Long-eared Bat	E	E	S2	G2G3
Myotis sodalis	Indiana Bat	E	E	S1S2	G2
Neogale frenata	Long-tailed Weasel	W-PK		S3	G5
Neotoma floridana floridana	Eastern Woodrat	T		S1	G5T5
Neotoma floridana haematoreia	Southern Appalachian Eastern Woodrat	W-RS		S3S4	G5T4Q
Neotoma magister	Allegheny Woodrat	SC		S2S3	G3
Perimyotis subflavus	Tricolored Bat	E	PE	S3	G3G4
Peromyscus leucopus buxtoni	Buxton Woods White-footed Deermouse	SC		S1	G5T1
Peromyscus polionotus	Oldfield Deermouse	SC		S1	G5
Puma concolor couguar	Eastern Cougar	E, W-QD		SX	G5TXQ
Sciurus niger	Eastern Fox Squirrel	W-RS		S3	G5
Sorex albibarbis	Eastern Water Shrew	SR		S3	G5
Sorex dispar	Rock Shrew	SR		S3	G4
Sorex hoyi	Eastern Pygmy Shrew	W-RS		S3	G5
Sorex sp. 1	a shrew (Albemarle-Pamlico Peninsula)	W-PK		S1S2	G2Q
Spilogale putorius	Eastern Spotted Skunk	SR-G		S3	G4
Sylvilagus aquaticus	Swamp Rabbit	W-QD		SU	G5
Sylvilagus obscurus	Appalachian Cottontail	SR-G		S3	G4
Synaptomys cooperi helaletes	Dismal Swamp Southern Bog Lemming	SR		S2S3	G5T3
Synaptomys cooperi stonei	Stone's Southern Bog Lemming	W-RS		S3	G5TNR
Trichechus manatus	West Indian Manatee	T	T	S1N	G2G3
Zapus hudsonius	Meadow Jumping Mouse	SR		S1	G5

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Birds					
Accipiter striatus	Sharp-shinned Hawk	SR		S1B,S4N	G5
Aegolius acadicus	Northern Saw-whet Owl	T		S2B,S2N	G5
Ammodramus henslowii	Henslow's Sparrow	E		S1B,S1N	G4
Ammodramus savannarum	Grasshopper Sparrow	W-PD, W-TH		S3B,S1N	G5
Ammospiza caudacuta	Saltmarsh Sparrow	SR		SUB,S2N	G2
Anhinga anhinga	Anhinga	W-RS		S3B	G5
Antrostomus carolinensis	Chuck-will's-widow	W-PD		S4B	G5
Antrostomus vociferus	Eastern Whip-poor-will	W-PD		S3B	G5
Aquila chrysaetos	Golden Eagle	SR	BGPA	SUB,S2N	G5
Asio flammeus	Short-eared Owl	W-PK		SUB,S3N	G5
Botaurus lentiginosus	American Bittern	SR		S1B,S3N	G5
Calidris canutus rufa	Red Knot - rufa subspecies	T	T	S2N	G4T2
Catharus guttatus	Hermit Thrush	SR		S3B,S5N	G5
Catharus ustulatus	Swainson's Thrush	SR		S1B,S5N	G5
Certhia americana	Brown Creeper	SC		S3B,S5N	G5
Chaetura pelagica	Chimney Swift	W-PD		S4B	G4G5
Charadrius melodus circumcinctus	Piping Plover - Interior subspecies	E, W-PK	E	S1N	G3T3
Charadrius melodus melodus	Piping Plover - Atlantic Coast subspecies	T	T	S1B,S1N	G3T3
Charadrius wilsonia	Wilson's Plover	SC		S2B	G5
Chondestes grammacus	Lark Sparrow	SR		S1B	G5
Chordeiles minor	Common Nighthawk	W-PD		S2S3B	G5
Circus hudsonius	Northern Harrier	SR		S1B,S4N	G5
Coccyzus erythropthalmus	Black-billed Cuckoo	SR		S2B	G5
Columbina passerina	Common Ground Dove	SR		SXB	G5
Contopus cooperi	Olive-sided Flycatcher	W-PK		SNA	G4
Corvus corax	Common Raven	W-RS		S3	G5
Dolichonyx oryzivorus	Bobolink	SR		S1B	G5
Egretta caerulea	Little Blue Heron	SC		S3B,S3N	G5
Egretta thula	Snowy Egret	SC		S2S3B,S3N	G5
Egretta tricolor	Tricolored Heron	SC		S2B,S3N	G5
Elanoides forficatus	Swallow-tailed Kite	SC		S1B	G5
Empidonax alnorum	Alder Flycatcher	SR		S2B	G5
Empidonax minimus	Least Flycatcher	W-RS		S3B	G5
Empidonax traillii	Willow Flycatcher	W-RS		S3B	G5
Eudocimus albus	White Ibis	W-RS		S3B,S3N	G5
Euphagus carolinus	Rusty Blackbird	T, W-PD		S3N	G4
Falco peregrinus anatum	American Peregrine Falcon	E		S1B,S2N	G4T4
Falco sparverius	American Kestrel	SR		S2B,S5N	G5
Gallinula galeata	Common Gallinule	W-RS		S3B,S2N	G5
Gelochelidon nilotica	Gull-billed Tern	T		S2B	G5
Geothlypis philadelphia	Mourning Warbler	W-PK		SNA	G5
Haematopus palliatus	American Oystercatcher	SC		S3B,S3N	G5
Haliaeetus leucocephalus	Bald Eagle	T	BGPA	S3B,S3N	G5
Helmitheros vermivorum pop. 1	Worm-eating Warbler - Coastal Plain Population	W-TH		S3B	G4G5TNRC
Himantopus mexicanus	Black-necked Stilt	SR		S1B	G5
Hydroprogne caspia	Caspian Tern	T		S2B,S1N	G5

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Birds					
Ixobrychus exilis	Least Bittern	SC		S3B	G4
Lanius ludovicianus	Loggerhead Shrike	SC, W-RS		S2S3B,S3N	G4
Laterallus jamaicensis jamaicensis	Eastern Black Rail	T	T	S1	G3T1
Leuconotopicus borealis	Red-cockaded Woodpecker	T	T	S2	G3
Lophodytes cucullatus	Hooded Merganser	W-PK		S1B,S4N	G5
Loxia curvirostra	Red Crossbill	SC		S2	G5
Mergus merganser	Common Merganser	W-PK		S1B,S1N	G5
Mycteria americana	Wood Stork	SR		S1B,S1N	G4
Nyctanassa violacea	Yellow-crowned Night Heron	SR		S2B	G5
Nycticorax nycticorax	Black-crowned Night-Heron	W-PD		S3B,S3N	G5
Onychoprion fuscatus	Sooty Tern	W-RS		SHB,S3N	G5
Passerculus sandwichensis	Savannah Sparrow	SR		S2B,S5N	G5
Passerina ciris	Painted Bunting	SC		S2B	G5
Pelecanus occidentalis	Brown Pelican	SR		S2B,S4N	G4
Peucaea aestivalis	Bachman's Sparrow	SC		S3B,S2N	G3
Phalacrocorax auritus	Double-crested Cormorant	SR		S2B,S5N	G5
Plegadis falcinellus	Glossy Ibis	SC		S1S2B	G5
Podilymbus podiceps	Pied-billed Grebe	W-RS		S3B,S5N	G5
Poecile atricapillus	Black-capped Chickadee	SC		S3	G5
Pooecetes gramineus	Vesper Sparrow	SC		S2B,S2N	G5
Porphyrio martinica	Purple Gallinule	SR		S1B	G5
Rallus elegans	King Rail	W-PD, W-PK		S3B,S3N	G4
Rallus limicola	Virginia Rail	W-PK		S3B,S5N	G5
Regulus satrapa	Golden-crowned Kinglet	W-RS, W-TH		S3S4B,S5N	G5
Riparia riparia	Bank Swallow	SR		S1B	G5
Rynchops niger	Black Skimmer	T		S2B,S3N	G5
Setophaga cerulea	Cerulean Warbler	SC		S2B	G4
Setophaga coronata	Yellow-rumped Warbler	SR		S1B,S5N	G5
Setophaga magnolia	Magnolia Warbler	SR		S2B	G5
Setophaga virens waynei	Wayne's Black-throated Green Warbler	E		S2B	G5T1
Sitta canadensis	Red-breasted Nuthatch	W-RS, W-TH		S3B,S4N	G5
Spatula discors	Blue-winged Teal	W-PK		SHB,S2N	G5
Sphyrapicus varius	Yellow-bellied Sapsucker	SR		S2B,S5N	G5
Spinus pinus	Pine Siskin	W-PK		S1B,S3N	G5
Spiza americana	Dickcissel	SR		S2B	G5
Sterna dougallii dougallii	Roseate Tern	E	E	SHB	G4T3
Sterna forsteri	Forster's Tern	W-RS		S3B,S5N	G5
Sterna hirundo	Common Tern	E		S2B	G5
Sternula antillarum	Least Tern	SC		S3B	G4
Troglodytes hiemalis	Winter Wren	W-RS, W-TH		S3B,S5N	G5
Tyrannus forficatus	Scissor-tailed Flycatcher	W-PK		SNA	G5
Tyto alba	Barn Owl	SC		S2S3B,S3N	G5
Vermivora chrysoptera	Golden-winged Warbler	SC		S2S3B	G3
Vermivora cyanoptera	Blue-winged Warbler	SR		S2B	G5
Vireo gilvus	Eastern Warbling-Vireo	SR		S2B	G5

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Reptiles					
Alligator mississippiensis	American Alligator	T	T(S/A)	S3	G5
Apalone spinifera aspera	Gulf Coast Spiny Softshell	W-RS		S3	G5T5
Apalone spinifera spinifera	Eastern Spiny Softshell	SC		S1	G5T5
Caretta caretta	Loggerhead Sea Turtle	T	T	S2B	G2G4
Cemophora coccinea	Scarlet Snake	W-PD, W-TH		S3	G5
Chelonia mydas	Green Sea Turtle	T	T	S1B	G4
Clemmys guttata	Spotted Turtle	W-PD		S4	G5
Crotalus adamanteus	Eastern Diamondback Rattlesnake	E		S1	G3
Crotalus horridus	Timber Rattlesnake	SC		S4	G4
Deirochelys reticularia reticularia	Eastern Chicken Turtle	SC		S2S3	G5T5
Dermochelys coriacea	Leatherback Sea Turtle	E	E	S1B,SUN	G2G3
Farancia erytrogramma	Rainbow Snake	SR		S3	G4
Glyptemys muhlenbergii	Bog Turtle	T	T(S/A)	S2	G2G3
Graptemys geographica	Northern Map Turtle	SC		S1	G4G5
Heterodon simus	Southern Hognose Snake	T	PT	S1S2	G2G3
Kinosternon baurii	Striped Mud Turtle	W-PK		S3S4	G4G5
Lampropeltis elapsoides	Scarlet Kingsnake	W-PD, W-TH		S3	G5
Lampropeltis getula sticticeps	Outer Banks Kingsnake	SC		S1	G5T2Q
Lampropeltis triangulum	Milk Snake	W-RS		S3	G5
Lepidochelys kempii	Kemp's Ridley Sea Turtle	E	E	S1B,SUN	G2
Liodytes pygaea paludis	Carolina Swamp Snake	SC		S2	G5T4
Liodytes rigida	Glossy Crayfish Snake	SR		S2	G5
Malaclemys terrapin	Diamondback Terrapin	SC		S3	G4
Masticophis flagellum flagellum	Eastern Coachwhip	SC		S2	G5T5
Micrurus fulvius fulvius	Eastern Coralsnake	E		S1	G5
Nerodia sipedon williamengelsi	Carolina Watersnake	SC		S2	G5T3
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	SC		S1	G5T5
Ophisaurus mimicus	Mimic Glass Lizard	E		S1	G2
Pituophis melanoleucus	Eastern Pinesnake	T		S2	G4
Plestiodon anthracinus	Coal Skink	SR		S2	G5
Rhadinaea flavilata	Pine Woods Snake	W-RS		S3	G4
Sistrurus miliarius miliarius	Carolina Pygmy Rattlesnake	SC		S2	G5T4T5
Sternotherus peltifer	Stripeneck Musk Turtle	SC		S1	GNR
Trachemys scripta troostii	Cumberland Slider	SC		S1	G5T4
Virginia valeriae	Smooth Earthsnake	W-RS		S3	G5
Amphibians					
Ambystoma mabeei	Mabee's Salamander	T		S2	G3
Ambystoma talpoideum	Mole Salamander	SC		S2S3	G4G5
Ambystoma tigrinum	Eastern Tiger Salamander	T		S2	G5
Anaxyrus quercicus	Oak Toad	SR		S2	G4
Aneides aeneus	Green Salamander	T		S2S3	G3G4
Aneides caryaensis	Hickory Nut Gorge Green Salamander	E		S1	G1
Cryptobranchus alleganiensis alleganiensis	Eastern Hellbender	SC	PE	S3	G3T2
Desmognathus aeneus	Seepage Salamander	W-RS		S3	G4
Desmognathus anicetus	Foothills Dusky Salamander	W-PK		S2S3	G2

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Amphibians					
Desmognathus aureatus	Southern Shovel-nosed Salamander	SR		S1S2	G3
Desmognathus balsameus	Great Balsam Mountain Dusky Salamander	W-PK		S2S3	G4
Desmognathus campi	Camps Dusky Salamander	SR		S1S2	G3
Desmognathus folkertsi	Dwarf Black-bellied Salamander	SC		S1	G2G3
Desmognathus imitator	Imitator Salamander	W-RS		S3	G3G4
Desmognathus imitator pop. 1	Imitator Salamander - Waterrock Knob population	W-PK		S1?	G3G4T1Q
Desmognathus organi	Northern Pygmy Salamander	SR		S2S3	G3
Desmognathus planiceps	Flat-headed Salamander	SR		S1	G3
Desmognathus santeetlah	Santeetlah Dusky Salamander	SR		S3S4	G3G4
Desmognathus tilleyi	Tilleys Dusky Salamander	SR		S1S2	G2
Desmognathus wrighti	Southern Pygmy Salamander	SR		S3	G3
Eurycea arenicola	Carolina Sandhills Salamander	W-PK		S3	GNR
Eurycea bislineata	Northern Two-lined Salamander	W-QD		SU	G5
Eurycea junaluska	Junaluska Salamander	T		S1	G2G3
Eurycea longicauda longicauda	Eastern Long-tailed Salamander	T		S1S2	G5T5
Eurycea quadridigitata	Dwarf Salamander	SC		S1	G5
Hemidactylium scutatum	Four-toed Salamander	SC		S3	G5
Hyla andersonii	Pine Barrens Treefrog	T		S2	G3
Hyla versicolor	Gray Treefrog	SC		S2	G5
Lithobates capito	Gopher Frog	E		S1	G3
Lithobates heckscheri	River Frog	E		SX	G5
Lithobates sylvaticus pop. 3	Wood Frog - Coastal Plain population	SR		S1	G5TNRQ
Necturus lewisi	Neuse River Waterdog	T	T	S2	G2
Necturus maculosus	Mudpuppy	SC		S2	G5
Plethodon amplus	Blue Ridge Gray-cheeked Salamander	SR		S1	G2
Plethodon aureolus	Tellico Salamander	SR		S2	G2G3
Plethodon chattahoochee	Chattahoochee Slimy Salamander	SR		S1	G3
Plethodon cheoah	Cheoah Bald Salamander	SR		S1	G1G2
Plethodon glutinosus	Slimy Salamander	W-QD		SU	G5
Plethodon jordani	Red-cheeked Salamander	W-PK		S3	G4
Plethodon meridianus	South Mountain Gray-cheeked Salamander	SR		S1	G2
Plethodon richmondi	Southern Ravine Salamander	W-RS		S3	G5
Plethodon shermani	Red-legged Salamander	W-RS		S3S4	G3
Plethodon ventralis	Southern Zigzag Salamander	SC		S2	G4
Plethodon wehrlei	Wehrle's Salamander	T		S2	G4
Plethodon welleri	Weller's Salamander	SC		S2	G3
Plethodon yonahlossee pop. 1	Crevice Salamander	SC		S1	G4T1T2Q
Pseudacris brimleyi	Brimleys Chorus Frog	W-TH		S4	G5
Pseudacris collinsorum	Collinses' Mountain Chorus Frog	SC		S2	G4
Pseudacris nigrita	Southern Chorus Frog	SC		S2	G5
Pseudacris ornata	Ornate Chorus Frog	E		S2	G4
Rana kauffeldi	Atlantic Coast Leopard Frog	W-PK		S3	G3G4
Siren lacertina	Greater Siren	W-PK		S3	G5
Stereochilus marginatus	Many-lined Salamander	W-TH		S3S4	G5
Freshwater Fishes					

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Freshwater Fishes					
Acipenser brevirostrum	Shortnose Sturgeon	E	E	S1	G3
Acipenser fulvescens	Lake Sturgeon	SC		S1	G3G4
Acipenser oxyrinchus oxyrinchus	Atlantic Sturgeon	E	E	S2	G3
Alburnops chalybaeus	Ironcolor Shiner	T		S2S3	G4
Ambloplites cavifrons	Roanoke Bass	SR		S2	G3
Aplodinotus grunniens	Freshwater Drum	SC		S1	G5
Carpiodes carpio	River Carpsucker	SC		S1	G5
Carpiodes cyprinus	Quillback	SR		S2	G5
Carpiodes sp. cf. cyprinus	"Carolina" Quillback	SR		S2	GNR
Carpiodes sp. cf. velifer	Atlantic Highfin Carpsucker	SC		S1	GNR
Clinostomus sp. 1	Smoky Dace	SC		S2	G5T3Q
Cottus caeruleomentum	Blue Ridge Sculpin	SC		S1	G4
Cottus carolinae	Banded Sculpin	SC		S1	G5
Cyprinella labrosa	Thicklip Chub	T		S3	G4
Cyprinella leptocheilus	Siouan Thinlip Chub	T		S2	G2
Cyprinella spiloptera	Spotfin Shiner	W-TH		S2	G5
Cyprinella zanema	Santee Chub	T		S3	G4
Elassoma boehlkei	Carolina Pygmy Sunfish	T		S2	G2
Elassoma evergladei	Everglades Pygmy Sunfish	W-PK		S3	G5
Enneacanthus chaetodon	Blackbanded Sunfish	SR		S3	G3
Enneacanthus obesus	Banded Sunfish	SR		S3	G5
Erimonax monachus	Spotfin Chub	T	T	S1	G2
Erimystax insignis	Blotched Chub	T		S2	G4
Etheostoma collis	Carolina Darter	SC		S3	G3
Etheostoma flabellare	Fantail Darter	W-TH		S3	G5
Etheostoma gutselli	Tuckasegee Darter	W-TH		S3	G3G4
Etheostoma inscriptum	Turquoise Darter	T		S1	G4
Etheostoma jessiae	Blueside Darter	SC		SX	G4
Etheostoma kanawhae	Kanawha Darter	SR		S3	G4
Etheostoma mariae	Pinewoods Darter	SC		S2	G3
Etheostoma perlongum	Waccamaw Darter	T		S1	G1
Etheostoma podostemone	Riverweed Darter	SR		S2	G4
Etheostoma simoterum	Snubnose Darter	SC		S1	G5
Etheostoma thalassinum	Seagreen Darter	SC		S3	G4
Etheostoma vitreum	Glassy Darter	W-TH		S3	G4G5
Exoglossum laurae	Tonguetied Minnow	SR		S2	G4
Exoglossum maxillingua	Cutlip Minnow	SC		S1	G5
Fundulus chrysotus	Golden Topminnow	W-RS		S3	G5
Fundulus confluentus	Marsh Killifish	W-RS		S3	G5
Fundulus luciae	Spotfin Killifish	W-RS		S3	G4
Fundulus sp. cf. diaphanus	Lake Phelps Killifish	SR		S1	G1Q
Fundulus waccamensis	Waccamaw Killifish	SC		S1	G1
Heterandria formosa	Least Killifish	SC		S2	G5
Hiodon tergisus	Mooneye	SC		S1	G5
Hybopsis rubrifrons	Rosyface Chub	T		S1	G4
Hydrophlox lutipinnis	Yellowfin Shiner	SC		S2	G4Q

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Freshwater Fishes					
Hydrophlox rubricroceus	Saffron Shiner	W-TH		S3	G4G5
Hypentelium roanokense	Roanoke Hog Sucker	W-RS		S3	G4
Ichthyomyzon bdellium	Ohio Lamprey	SC		S1	G3G4
Ictiobus bubalus	Smallmouth Buffalo	SR		S1	G5
Ictiobus niger	Black Buffalo	SR		S1	G5
Lampetra aepyptera	Least Brook Lamprey	T		S2	G5
Lepomis marginatus	Dollar Sunfish	W-RS		S3	G5
Lepomis punctatus	Spotted Sunfish	W-RS		S3	G5
Lethenteron appendix	American Brook Lamprey	SC		S1	G4
Luxilus chrysocephalus	Striped Shiner	SC		S1	G5
Lythrurus matutinus	Pinewoods Shiner	W-TH		S3	G3G4
Menidia extensa	Waccamaw Silverside	T	T	S1	G1
Micropterus pucpuggy	Bartram's Bass	SR		S1	G1
Miniellus scabriceps	New River Shiner	W-RS		S2	G4
Moxostoma ariommum	Bigeye Jumprock	T		S2	G4
Moxostoma breviceps	Smallmouth Redhorse	SR		S2	G5
Moxostoma carinatum	River Redhorse	T		S2	G4
Moxostoma carolina	Carolina Redhorse	T		S2	G2
Moxostoma robustum	Robust Redhorse	E	C	S1	G1
Moxostoma ugidatli	Sicklefin Redhorse	T	C	S2	G1G2
Nocomis platyrhynchus	Bigmouth Chub	W-RS		S2	G4Q
Nothonotus acuticeps	Sharphead Darter	T		S1	G3
Nothonotus rufilineatus	Redline Darter	W-TH		S3	G5
Nothonotus vulneratus	Wounded Darter	SC		S2	G3
Notropis bifrenatus	Bridle Shiner	E		S1	G3
Notropis maculatus	Taillight Shiner	W-RS		S2	G5
Notropis mekistocholas	Cape Fear Shiner	E	E	S1	G1
Notropis micropteryx	Highland Shiner	SR		S2	G5
Notropis photogenis	Silver Shiner	W-TH		S3	G5
Notropis sp. 1	Kanawha Rosyface Shiner	SR		S2	GNR
Noturus eleutherus	Mountain Madtom	SC		S1	G4
Noturus flavus	Stonecat	E		S1	G5
Noturus furiosus	Carolina Madtom	E	E	S1	G2
Noturus gilberti	Orangefin Madtom	E		S1	G2
Noturus sp. 2	Broadtail Madtom	SC		S1	G2
Paranotropis volucellus	Mimic Shiner	T		S2	G5
Percina aurantiaca	Tangerine Darter	W-RS		S3	G4
Percina burtoni	Blotchside Logperch	E		S1	G2G3
Percina caprodes	Logperch	T		S1	G5
Percina gymnocephala	Appalachia Darter	SR		S2	G4
Percina oxyrhynchus	Sharpnose Darter	E		S1	G4
Percina rex	Roanoke Logperch	T		S1	G2G3
Percina squamata	Olive Darter	SC		S2	G3
Percina westfalli	Sooty-banded Darter	SC		S1	GNR
Percina williamsi	Sickle Darter	SC	T	SX	G2
Phenacobius crassilabrum	Fatlips Minnow	W-RS		S3	G3G4

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Freshwater Fishes					
Phenacobius teretulus	Kanawha Minnow	SC		S3	G3G4
Pimephales notatus	Bluntnose Minnow	W-PK		S3	G5
Polyodon spathula	Paddlefish	E		SX	G3G4
Salvelinus fontinalis	Brook Trout	SR		S4	G5
Sander canadensis	Sauger	SR		S1	G5
Semotilus lumbee	Sandhills Chub	SC		S2	G3G4
Thoburnia hamiltoni	Rustyside Sucker	E		S1	G3
	Invertebrates				
Mollusks: Freshwater Bivalves					
Alasmidonta raveneliana	Appalachian Elktoe	E	E	S1	G1
Alasmidonta undulata	Triangle Floater	T		S3	G4
Alasmidonta uwharriensis	Uwharrie Elktoe	T		S1S2	G1G2
Alasmidonta varicosa	Brook Floater	E		S3	G3
Alasmidonta viridis	Slippershell Mussel	E		S1	G4G5
Alasminota holstonia	Tennessee Heelsplitter	E		SH	G3
Atlanticoncha ochracea	Tidewater Mucket	T		S2	G3G4
Cambarunio iris	Rainbow	T		S2	G4G5
Cyclonaias tuberculata	Purple Wartyback	E		S1	G5
Elliptio cistellaeformis	Box Spike	W-PK, W-TH		SU	G4
Elliptio congaraea	Carolina Slabshell	W-RS, W-TH		S3	G3
Elliptio fisheriana	Northern Lance	SR		S3	G4
Elliptio folliculata	Pod Lance	SC		S2	G2G3
Elliptio lanceolata	Yellow Lance	T	T	S2	G2
Elliptio marsupiobesa	Cape Fear Spike	SC		S2	G3Q
Elliptio producta	Atlantic Spike	W-PK, W-TH		SU	G3
Elliptio roanokensis	Roanoke Slabshell	SC		S3	G3
Elliptio sp. 2	File Spike	W-PK		SU	GUQ
Eurynia dilatata	Spike	SC		S2	G5
Fusconaia masoni	Atlantic Pigtoe	T	T	S3	G1
Fusconaia subrotunda	Longsolid	T	T	S1	G3
Lampsilis cariosa	Yellow Lampmussel	E		S3	G3G4
Lampsilis fasciola	Wavyrayed Lampmussel	SC		S2	G4
Lampsilis radiata	Eastern Lampmussel	T		S3	G5
Lampsilis sp. 2	Chameleon Lampmussel	SR		S2	G2
Lampsilis sp. 3	a bivalve (Deep River system)	W-PK		S1?	GU
Lampsilis splendida	Rayed Pink Fatmucket	SR		S1	G3
Leaunio vanuxemensis	Mountain Creekshell	T		S1?	G4
Ligodonta obscura	Solstice Creekmussel	SR		S1	G1
Parvaspina collina	James Spinymussel	E	E	S1	G1
Parvaspina steinstansana	Tar River Spinymussel	E	E	S1	G1
Pegias fabula	Littlewing Pearlymussel	E	E	S1	G1
Platynaias decorata	Carolina Heelsplitter	E	E	S1	G1
Platynaias subviridis	Green Floater	E	PT	S2	G2G3
Pleurobema oviforme	Tennessee Clubshell	E	PE	S1	G2G3

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Mollusks: Freshwater Bivalves					
Pleuronaia barnesiana	Tennessee Pigtoe	E	PE	S1	G2G3
Potamilus alatus	Pink Heelsplitter	SC		S1	G5
Prolasmidonta heterodon	Dwarf Wedgemussel	E	E	S1	G2?
Sagittunio nasutus	Eastern Pondmussel	T		S2	G3
Sagittunio vaughanianus	Carolina Creekshell	E		S3	G2G3
Sphaerium simile	Grooved Fingernailclam	W-PK		SU	G5
Strophitus undulatus	Creeper	T		S3	G5
Toxolasma pullus	Savannah Lilliput	E		S2	G2
Utterbackiana couperiana	Barrel Floater	E		S1	G4
Utterbackiana implicata	Alewife Floater	T		S2	G5
Venustaconcha constricta	Notched Rainbow	T		S3	G3
Venustaconcha trabalis	Tennessee Bean	W-PK	E	SH	G1
Villosa delumbis	Eastern Creekshell	SR		S4	G4
Mollusks: Freshwater and Terrestrial Gastropods					
Allogona profunda	Broad-banded Forestsnail	SR		S2S3	G5
Amnicola sp. 1	Waccamaw Amnicola	SC		S1	G1
Anguispira alternata	Flamed Tigersnail	W-RS		S2S3	G5
Anguispira knoxensis	Rustic Tigersnail	SR		SH	G1G2
Anguispira mordax	Appalachian Tigersnail	W-PK		S3S4	G4
Anguispira strongylodes	Southeastern Tigersnail	SR		S2S3	G5
Appalachina chilhoweensis	Queen Crater	SC		S2	G4
Appalachina sayana	Spike-lip Crater	SR		S2S3	G4G5
Callinina intertexta	Rotund Mysterysnail	SR		S2?	G4
Carychium arboreum	Tree Thorn	SR		S1?	G1
Carychium exiguum	Obese Thorn	W-PK		S3?	G5
Catinella pugilator	Weedpatch Ambersnail	SR		S1?	G1G2
Catinella waccamawensis	Waccamaw Ambersnail	T		SH	G1
Cincinnatia sp. 1	Waccamaw Siltsnail	SC		S1	G1
Daedalochila sp. 1 nr. auriformis	a liptooth	SR		S1S2	GNR
Discus bryanti	Sawtooth Disc	SC		S2	G3
Discus nigrimontanus	Black Mountain Disc	SR		S2S3	G4
Discus whitneyi	Forest Disc	SR		S1S2	G5
Elimia christyi	Christy's Elimia	E		S1	G2
Euchemotrema fraternum	Upland Pillsnail	SR		S2S3	G5
Euglandina rosea	Rosy Wolfsnail	W-PK		S3?	G5
Fumonelix cherohalaensis	Rock-loving Covert	SR		S1	G1
Fumonelix jonesiana	Big-tooth Covert	T		S1?	G1
Fumonelix langdoni	Talus Covert	SR		S1	G1
Fumonelix orestes	Engraved Covert	T		S1	G1
Fumonelix roanensis	Roan Mountain Covert	SR		S1	G1
Fumonelix wheatleyi clingmanicus	Clingman Covert	SC		S1	G4T2T3
Gastrocopta armifera	Armed Snaggletooth	W-PK		S2S3	G5
Gastrocopta corticaria	Bark Snaggletooth	SR		S2S3	G5
Gastrocopta procera	Wing Snaggletooth	W-PK		S3	G5
Glyphyalinia cryptomphala	Thin Glyph	SR		S1S2	G5

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Mollusks: Freshwater and Terrestrial Gastropods					
Glyphyalinia junaluskana	Dark Glyph	SC		S2	G2G3
Glyphyalinia pentadelphia	Pink Glyph	SC		S2	G1G3
Glyphyalinia umbilicata	Texas Glyph	W-RS		S2S3	G5
Glyphyalinia vanattai	Honey Glyph	SC		S1	G2G3
Glyphyalinia wheatleyi	Bright Glyph	W-RS		S3	G5
Gyraulus deflectus	Flexed Gyro	W-PK		S2?	G5
Haplotrema kendeighi	Blue-footed Lancetooth	SC		S1S2	G2G3
Helicodiscus bonamicus	Spiral Coil	SC		S1	G1
Helicodiscus fimbriatus	Fringed Coil	SC		S2	G4
Helicodiscus inermis	Oldfield Coil	SR		S1?	G4
Helicodiscus multidens	Twilight Coil	SR		S1	G3
Helicodiscus saludensis	Corncob Snail	SR		S1?	G1
Helisoma eucosmium	Greenfield Ramshorn	E		S1	G1Q
Hendersonia occulta	Cherrystone Drop	SR		S2S3	G4
Inflectarius downieanus	Dwarf Globelet	SR		S1S2	G3
Inflectarius ferrissi	Smoky Mountain Covert	T		S2	G2
Inflectarius subpalliatus	Velvet Covert	SC		S2S3	G2G3
Inflectarius verus	Fuzzy Covert	SR		S1?	G1
Leptoxis dilatata	Seep Mudalia	SC		S3	G3
Leptoxis virgata	Smooth Mudalia	W-PK		SU	G2
Lioplax subcarinata	Ridged Lioplax	SC		S3	G4G5
Mesodon altivagus	Wandering Globe	SR		S1?	G2G3
Mesodon andrewsae	Balsam Globe	SR		S2S3	G3
Mesomphix andrewsae	Mountain Button	W-RS		S3S4	G3G4
Mesomphix latior	Broad Button	SR		S2S3	G3G4
Mesomphix pilsbryi	Striate Button	SR		S2S3	G4
Mesomphix vulgatus	Common Button	SR		S2?	G4
Neohelix dentifera	Big-tooth Whitelip	W-PK		S3S4	G5
Novisuccinea ovalis	Oval Ambersnail	SR		S2S3	G5
Novisuccinea sp. 1 nr. chittenangoensis	an ambersnail	W-QD		SU	GNR
Oxyloma effusum	Coastal-plain Ambersnail	W-PK		SU	G3
Pallifera hemphilli	Black Mantleslug	SC		S2S3	G4
Pallifera ohioensis	Redfoot Mantleslug	SR		S1	G3G4
Paravitrea andrewsae	High Mountain Supercoil	SC		S2	G2
Paravitrea clappi	Mirey Ridge Supercoil	SC		S1S2	G2G3
Paravitrea lacteodens	Ramp Cove Supercoil	SC		SH	G1
Paravitrea lamellidens	Lamellate Supercoil	SC		S2S3	G3G4
Paravitrea multidentata	Dentate Supercoil	SR		S2S3	G5
Paravitrea petrophila	Cherokee Supercoil	SR		S1	G4
Paravitrea placentula	Glossy Supercoil	SC		S2S3	G3
Paravitrea reesei	Round Supercoil	SR		S2?	G3
Paravitrea ternaria	Sculpted Supercoil	T		S1	G1G2
Paravitrea umbilicaris	Open Supercoil	SC		S2	G3?
Paravitrea varidens	Roan Supercoil	T		S1S2	G1G2
Patera clarki	Dwarf Proud Globe	SC		S3	G3
Patera nantahala	Noonday Globe	T	T	S1	G1G2

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Mollusks: Freshwater and Terrestrial Gastropods					
Philomycus virginicus	Virginia Mantleslug	SR		S1S2	G3
Pilsbryna clingmani	Fragile Glyph	E		S1	G1G2
Pilsbryna nodopalma	Oar Tooth Bud	SR		S1	G1G2
Planorbella magnifica	Magnificent Ramshorn	E	E	S1	G1
Praticolella lawae	Appalachian Scrubsnail	SR		S1	G3
Promenetus exacuous	Sharp Sprite	W-PK		S2S3	G5
Pseudohyalina exigua	Ribbed Striate	SR		S1	G5
Somatogyrus virginicus	Panhandle Pebblesnail	SR		S2S3	G2G3
Stenotrema altispira	Highland Slitmouth	W-RS		S3S4	G3
Stenotrema depilatum	Great Smoky Slitmouth	SC		S2	G2
Stenotrema pilula	Pygmy Slitmouth	W-PK		S3?	G3G4
Stenotrema sp. 1	Cove Slitmouth	SR		S1?	GNR
Striatura ferrea	Black Striate	W-RS		S3?	G5
Succinea unicolor	Squatty Ambersnail	SR		S1S2	G3G4
Triodopsis burchi	Pittsylvania Threetooth	W-PK		SU	G3
Triodopsis fulciden	Dwarf Threetooth	SC		S2S3	G1G2
Triodopsis soelneri	Cape Fear Threetooth	T		S2S3	G2
Triodopsis tennesseensis	Budded Threetooth	SR		S1	G4
Triodopsis vulgata	Dished Threetooth	W-RS		S3?	G5
Vallonia pulchella	Lovely Vallonia	SR		S1S2	G5
Ventridens coelaxis	Bidentate Dome	SC		S3?	G3
Ventridens collisella	Sculptured Dome	SR		S2?	G4
Ventridens decussatus	Crossed Dome	SR		S3?	G3
Ventridens lasmodon	Hollow Dome	SR		S1?	G4
Ventridens lawae	Rounded Dome	SR		S2S3	G4
Ventridens suppressus	Flat Dome	SR		S1S2	G5
Vertigo alabamensis	Alabama Vertigo	SR		S2S3	G3
Vertigo bollesiana	Delicate Vertigo	SR		S1S2	G4G5
Vertigo gouldii	Variable Vertigo	W-PK		S2S3	G5
Vertigo oralis	Palmetto Vertigo	SR		S2S3	G5
Vertigo oscariana	Capital Vertigo	W-PK		S3?	G4
Vertigo parvula	Smallmouth Vertigo	SR		S1	G3
Vertigo rugosula	Striate Vertigo	W-PK		S2S3	G4
Vertigo sp. 3	a whorl snail	SR		S2S3	GNR
Vertigo teskeyae	Swamp Vertigo	W-PK		S3	G5
Vertigo tridentata	Honey Vertigo	SR		S1S2	G5
Xolotrema caroliniense	Blunt Wedge	W-PK		S3?	G4
Xolotrema denotatum	Velvet Wedge	W-PK		SU	G4
Zonitoides patuloides	Appalachian Gloss	SC		S2	G3
Arachnids					
Fumontana deprehendor	a harvestman	W-PK		S3?	G1G2
Hypochilus coylei	a lampshade weaver	SR		S1	G3?
Hypochilus sheari	a lampshade weaver	SR		S1	G2
Microhexura montivaga	Spruce-fir Moss Spider	SR	E	S1	G2
Nesticus bishopi	a cave cobweb spider	SR		S2	G3?

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Arachnids					
Nesticus brimleyi	a cave cobweb spider	SR		S2	G1G2
Nesticus carolinensis	Linville Caverns Spider	SR		S2	G2
Nesticus cooperi	Lost Nantahala Cave Spider	SR		S1	G1
Nesticus crosbyi	a cave cobweb spider	SR		S2	G1?
Nesticus gertschi	a cave cobweb spider	SR		S2	G1G2
Nesticus nasicus	a cave cobweb spider	SR		S2	G3?
Nesticus reclusus	a cave cobweb spider	SR		S1	G3?
Nesticus sheari	a cave cobweb spider	SR		S1	G2?
Nesticus silvanus	a cave cobweb spider	SR		S2	G2?
Vaejovis carolinianus	Southern Unstriped Scorpion	W-PK		S2?	G5
Crustaceans					
Ascetocythere cosmeta	Grayson Crayfish Ostracod	W-PK		S2?	GNR
Caecidotea carolinensis	Bennett's Mill Cave Water Slater	E		SH	G2G3
Cambarus aldermanorum	Carolina Needlenose Crayfish	W-PK		S1?	GNR
Cambarus brimleyorum	Valley River Crayfish	SR		S2	G3G4
Cambarus burchfielae	Falls Crayfish	SC		S1S2	GNR
Cambarus carolinus	Red Burrowing Crayfish	W-PK		S2	G4
Cambarus catagius	Greensboro Burrowing Crayfish	SC		S1	G2
Cambarus chaugaensis	Chauga Crayfish	SC		S2	G3
Cambarus davidi	Carolina Ladle Crayfish	SR		S3	G3
Cambarus eeseeohensis	Grandfather Mountain Crayfish	SR		S2	G3
Cambarus franklini	South Mountains Crayfish	T		S1	GNR
Cambarus georgiae	Little Tennessee Crayfish	SC		S2	G3
Cambarus hiwasseensis	Hiwassee Crayfish	W-RS		S3S4	G3G4
Cambarus hystricosus	Sandhills Spiny Crayfish	SR		S2	G2
Cambarus johni	Carolina Foothills Crayfish	SR		S3	G3
Cambarus lapidosus	Stony Fork Crayfish	SC		S1S2	GNR
Cambarus lenati	Broad River Stream Crayfish	SR		S2	G2
Cambarus nodosus	Knotty Burrowing Crayfish	SR		S1	G4
Cambarus parrishi	Hiwassee Headwaters Crayfish	SC		S1	G2
Cambarus reburrus	French Broad Crayfish	T		S2	G3
Cambarus sp. A	a crayfish	W-PK		S2S4	G2G3
Cambarus spicatus	Broad River Spiny Crayfish	T		S2	G3
Cambarus tuckasegee	Tuckasegee Stream Crayfish	SR		S1S2	G2
Canthocamptus vagus	Swamp Canthocamptus	W-PK		S3?	GNR
Cymocythere clavata	Oconee Crayfish Ostracod	W-PK		S2?	GNR
Cytheridella ilosvayi	Backwater Ostracod	W-PK		S2?	GNR
Dactylocythere chelomata	Cherokee Crayfish Ostracod	W-PK		S2?	GNR
Dactylocythere isabelae	Catawba Crayfish Ostracod	W-PK		S1?	GNR
Dactylocythere peedeensis	Pee Dee Crayfish Ostracod	W-PK		S2?	GNR
Dactylocythere prinsi	Whitewater Crayfish Ostracod	W-PK		S1	GNR
Dactylocythere susanae	Hiwassee Crayfish Ostracod	W-PK		S2?	G2G4
Diacyclops jeanneli putei	Carolina Well Diacyclops	SC		SH	G3G4T1T2
Faxonius carolinensis	North Carolina Spiny Crayfish	SC		S3	G3
Faxonius virginiensis	Chowanoke Crayfish	SC		S3	G3

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Crustaceans					
Harpagocythere baileyi	Highlands Crayfish Ostracod	W-PK		S2?	GNR
Hesperodiaptomus augustaensis	Augusta Hesperodiaptomus	W-PK		SH	GNR
Lacunicambarus acanthura	Thornytail Crayfish	SR		S1	G4G5
Lordocythere petersi	Cumberland Crayfish Ostracod	W-QD		SU	GNR
Lynceus gracilicornis	Graceful Clam Shrimp	SC		S2	G5
Miktoniscus medcofi	Small Alabama Sowbug	W-PK		S1?	GNR
Procambarus ancylus	Coastal Plain Crayfish	W-RS		S3	G4G5
Procambarus blandingii	Santee Crayfish	W-PK		S3S4	G4
Procambarus chacei	Cedar Creek Crayfish	E		S2	G4
Procambarus medialis	Pamlico Crayfish	T		S3	G3
Procambarus pearsei	Sandhills Crayfish	T		S1	G4
Skistodiaptomus carolinensis	Carolina Skistodiaptomus	SC		SH	GNR
Stygobromus carolinensis	Yancey Sideswimmer	SR		SH	GH
Stygobromus sp. 4	Plott Balsam Sideswimmer	W-PK		S1?	GNR
Waltoncythere acuta	Transylvania Crayfish Ostracod	W-PK		S2?	GNR
Springtails					
Pseudosinella flatua	a cave obligate springtail	W-PK		S1S2	G1G2
Pseudosinella vespera	a cave obligate springtail	W-PK		S1S2	G2
Mayflies					
Ameletus tertius	a combmouthed minnow mayfly	SR		S2	G3G4
Amercaenis cusabo	a small square-gill mayfly	SR		S1	G3
Anthopotamus myops	Walsh's Hackle-gilled Burrowing Mayfly	W-PK		S3	G4G5
Asioplax dolani	a little stout crawler mayfly	SR		S2	G4
Attenella margarita	Margaret's Spiny Crawler Mayfly	SR		S1	G4
Baetisca becki	an armored mayfly	SR		S1	G2G3
Baetisca obesa	an armored mayfly	SR		S1	G5
Baetopus trishae	a small mayfly	SR		S1	G1
Barbaetis benfieldi	Benfield's Bearded Small Minnow Mayfly	SR		S1	G2G4
Cercobrachys etowah	a small square-gill mayfly	SR		S2	G4
Choroterpes basalis	Banks's Prong-gilled Mayfly	SR		S2	G4
Dolania americana	American Sand Burrowing Mayfly	SR		SH	G4
Drunella longicornis	a spiny crawler mayfly	W-PK		S3	G5
Epeorus punctatus	Dotted Flatheaded Mayfly	SR		S1	G4G5
Ephemerella floripara	a spiny crawler mayfly	SR		S2	G3
Eurylophella enoensis	Eno River Spiny Crawler Mayfly	W-TH		S3	G3G4
Eurylophella minimella	Reduced Spiny Crawler Mayfly	W-RS		S3	G3G4
Heterocloeon berneri	Berner's Two-winged Mayfly	SR		S1	G1G2
Homoeoneuria cahabensis	Cahaba Sand-filtering Mayfly	SR		S2	G3
Isonychia arida	a brushlegged mayfly	W-PK		S3	G3G4
Isonychia sayi	a brushlegged mayfly	W-PK		S2	G4
Iswaeon davidi	a small mayfly	W-PK		S2	G2
Leptophlebia bradleyi	a prong-gilled mayfly	W-TH		S2	G5
Maccaffertium wudigeum	Wilson Creek "Stenonema"	SR		S1	G1
Macdunnoa brunnea	a flatheaded mayfly	SR		S2	G3G4

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Mayflies					
Neoephemera eatoni	a large squaregill mayfly	SR		S1	GNR
Nixe spinosa	a flatheaded mayfly	W-PK		S3	G5
Paracloeodes fleeki	a small mayfly	W-PK		S3	G4
Pseudiron centralis	White Sand-river Mayfly	SR		S2	G5
Pseudocentroptiloides usa	a small mayfly	W-PK		S2	G4
Serratella spiculosa	Spiculose Serratellan Mayfly	W-RS		S3	G2Q
Siphloplecton speciosum	a mayfly	W-TH		S2	G4
Sparbarus maculatus	a small square-gill mayfly	W-PK		S2S3	G5
Tortopsis puella	a pale burrower mayfly	SR		S1	G5
Tsalia berneri	a spiny crawler mayfly	SR		S3	G4
Stoneflies					
Acroneuria arida	Elegant Stone	SR		SH	G3
Acroneuria evoluta	Constricted Stone	W-TH		S2	G5
Acroneuria kosztarabi	Virginia Stone	W-PK		S2?	G4
Agnetina capitata	Northern Stone	W-TH		S3	G5
Allocapnia nivicola	Brook Snowfly	SR		S1	G4G5
Alloperla chloris	Triangular Sallfly	SR		S1	G4?
Alloperla lenati	Sandhill Sallfly	SR		S1	G2G3
Alloperla neglecta	Tennessee Sallfly	W-RS		S2	G3
Attaneuria ruralis	Giant Stone	SR		S2S3	G4
Beloneuria georgiana	Georgia Stone	W-PK		S1S3	G2
Beloneuria stewarti	Piedmont Stone	SR		SH	G3
Bolotoperla rossi	Smoky Willowfly	SR		S3	G4G5
Diploperla janeae	Jane's Stripetail	SR		S1	GNR
Diploperla kanawholensis	Kanawhole Springfly	SR		S2?	G3
Haploperla fleeki	Piedmont Sallfly	SR		S1	G1
Haploperla parkeri	Parker Sallfly	W-PK		SU	G1
Helopicus bogaloosa	Masked Springfly	W-PK		S3	G3G4
Hydroperla phormidia	Brownwater Springfly	SR		S2	G3
Isogenoides varians	Rock Island Springfly	W-RS		S2	G3G4
Isoperla bellona	Smokies Stripetail	SR		S1	G3
Isoperla burksi	Banded Stripetail	W-PK		S2	G4
Isoperla distincta	Twisted Stripetail	SR		S1	G3
Isoperla fauschi	Lumber Stripetail	SR		S1	GNR
Isoperla frisoni	Wisconsin Stripetail	W-PK		S3	G4G5
Isoperla lata	Dark Stripetail	W-PK		S3	G4G5
Isoperla pauli	Mt. Mitchell Stripetail	SR		S1	G1
Isoperla stewarti	Stewart Stripetail	SR		S1	G1
Isoperla tutelo	North Carolina Stripetail	SR		S1	G1
Leuctra alta	Alta Needlefly	SR		S1	G3G4Q
Leuctra hicksi	Cypress Needlefly	SR		S1	GNR
Leuctra moha	Blackwater Needlefly	SR		S1	G3
Megaleuctra williamsae	Williams' Rare Winter Stonefly	SR		S1	G3
Oconoperla innubila	Hairy Springfly	SR		S1	G2
Oemopteryx tuscarora	Sand Hills Willowfly	SR		S1	G1

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Stoneflies					
Perlesta beatyi	Raft Swamp Stone	SR		S1	GNR
Perlesta bjostadi	Anomalus Stone	SR		S1	G1
Perlesta georgiae	Barbeque Stone	SR		S1	GNR
Perlesta leathermani	Sandhills Stone	SR		S1	G1
Perlesta puttmanni	Anna Stone	W-PK		S2?	G3G4
Perlesta roblei	Dragon Run Stone	W-PK		S2	G3
Perlinella ephyre	Vernal Stone	W-RS		S3	G4G5
Prostoia hallasi	Swamp Forestfly	W-PK		SU	G3
Pteronarcys comstocki	Spiny Salmonfly	SR		S2	G4?
Rasvena terna	Vermont Sallfly	SR		S2	G3
Remenus daniellae	Danielle's Springfly	SR		S2	G2
Remenus duffieldi	Georgia Springfly	SR		S2	G2
Remenus kirchneri	Blueridge Springfly	SR		S2	G3
Shipsa rotunda	Intrepid Forestfly	W-PK		S2S3	G4
Soyedina kondratieffi	Southeastern Forestfly	SR		S1	G4
Soyedina parkeri	Rediscovered Forestfly	SR		S1	G1
Soyedina sheldoni	Mountain Man Forestfly	SR		S2	G2
Strophopteryx arkansae	Arkansas Willowfly	SR		S1	G4
Strophopteryx limata	Newfound Willowfly	SR		S1	G3
Sweltsa holstonensis	Holston Sallfly	W-PK		SU	G1
Taeniopteryx robinae	Savannah Willowfly	SR		S1	G1
Tallaperla elisa	Highlands Roachfly	W-PK		SU	G3
Viehoperla ada	Pallid Roachfly	W-PK		S2	G3
Yugus arinus	Highlands Springfly	W-PK		S3	G3
Zapada chila	Smokies Forestfly	SR		S1S2	G2
Zapada fumosa	Fumose Forestfly	SR		S1	G2G3
Zealeuctra uwharrie	Uwharrie Needlefly	SR		S2	G2
Caddisflies					
Agapetus hessi	Hess's Saddle-case Caddisfly	W-TH		S2	G4
Agapetus jocassee	a saddle-case caddisfly	W-PK		S2	G2G3
Agapetus minutus	Tiny Saddle-case Caddisfly	W-PK		S3	G4
Agapetus pinatus	Peg-like Saddle-case Caddisfly	W-PK		S3	G4
Agapetus tomus	a saddle-case caddisfly	W-PK		S2	G5
Agraylea multipunctata	Salt and Pepper Microcaddisfly	W-PK		S3	G5
Beraea gorteba	a caddisfly	W-QD		S1S2	G1G2
Brachycentrus etowahensis	a humpless casemaker caddisfly	SR		SH	G3
Ceraclea cama	a long-horned caddisfly	W-PK		S1S2	G1G2
Ceraclea cancellata	Cancelled Long-horned Caddisfly	SR		S2	G5
Ceraclea diluta	Mixed Long-horned Caddisfly	W-PK		S2	G4G5
Ceraclea joannae	Joanna's Ceraclea	SR		S1	G1
Ceraclea mentiea	Liar Long-horned Caddisfly	W-PK		S3	G4G5
Ceraclea punctata	Dotted Long-horned Caddisfly	W-PK		S3	G4G5
Ceraclea slossonae	Slosson's Long-horned Caddisfly	SR		S2	G3G5
Ceraclea sp. 2 nr. excisa	a long-horned caddisfly	W-RS		S3	GNR
Ceraclea tarsipunctata	Dot-footed Long-horned Caddisfly	W-PK		S3	G5

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Caddisflies					
Cernotina calcea	Booted Trumpet-net Caddisfly	W-PK		S3	G5
Cheumatopsyche enigma	Mysterious Net-spinning Caddisfly	W-PK		S3	G4G5
Cheumatopsyche geora	a netspinning caddisfly	W-PK		S3	G3G4
Cheumatopsyche halima	Seaside Net-spinning Caddisfly	W-PK		S3	G4G5
Cheumatopsyche helma	Helma's Net-spinning Caddisfly	W-PK		S3	G3G4
Cheumatopsyche parentum	a netspinning caddisfly	W-PK		S3	G3
Cheumatopsyche richardsoni	Richardson's Cheumatopsyche Caddisfly	W-PK		S1S2	G1G2
Chimarra florida	Floridian Finger-net Caddisfly	W-PK		S3	G4
Dibusa angata	Angulated Microcaddisfly	SR		S2	G4G5
Diplectrona metaqui	a netspinning caddisfly	SR		S3	G4
Frenesia difficilis	Difficult Northern Caddisfly	W-PK		S3	G4
Goera stylata	Stalked Weighted-case Caddisfly	W-PK		S3	G4
Goerita betteni	a caddisfly	W-PK		S3	G4
Goerita flinti	a caddisfly	SR		S1	G2G3
Goerita semata	a caddisfly	W-PK		S3	G3
Helicopsyche paralimnella	a snail-case caddisfly	W-TH		SU	G2
Homoplectra flinti	a netspinning caddisfly	W-PK		S2	G2
Homoplectra monticola	a netspinning caddisfly	SR		S1	G2G3
Hydropsyche bassi	a netspinning caddisfly	W-PK		SU	G2
Hydropsyche carolina	a netspinning caddisfly	SR		S1	G3
Hydropsyche fattigi	a netspinning caddisfly	W-PK		S3	G5
Hydropsyche opthalmica	a netspinning caddisfly	W-PK		S3	G3
Hydropsyche ventura	Upcoming Net-spinning Caddisfly	W-TH		S3	G4
Hydropsyche walkeri	Walker's Net-spinning Caddisfly	SR		S2	G4
Hydroptila armata	Armed Microcaddisfly	W-PK		S2	G5
Hydroptila coweetensis	a micro caddisfly	W-PK		SU	G1G2
Hydroptila englishi	a microcaddisfly	W-QD		SU	G2
Hydroptila lloganae	Llogan's Vari-colored Microcaddisfly	W-PK		SU	G3
Hydroptila maculata	Spotted Microcaddisfly	W-PK		S3	G3
Manophylax altus	Mount Mitchell Caddisfly	SR		S1	G1
Mayatrichia ayama	Anagramed Microcaddisfly	W-TH		S2	G5
Micrasema burksi	a humpless casemaker caddisfly	W-RS		S3	G3G4
Micrasema sprulesi	Sprules's Humpless Caddisfly	W-RS		S3	G3G4
Molanna uniophila	Faithful Hood Caddisfly	W-PK		S3	G5?
Nectopsyche waccamawensis	Waccamaw White Miller	SR		S1	G1
Neophylax virginica	a uenoid case-maker	W-PK		S1	GNR
Neureclipsis melco	a tube-maker caddisfly	W-PK		S3	G4
Ochrotrichia confusa	Mixed Microcaddisfly	W-PK		S3	G3G4
Oecetis porteri	Porter's Long-horned Caddisfly	W-TH		S2	G3
Oecetis sp. B	a long-horned caddisfly	W-TH		S1	G1
Oecetis sp. D	a long-horned caddisfly	W-PK		S1	G1
Oecetis sp. E	a long-horned caddisfly	W-TH		S2	G2
Oropsyche howellae	a netspinning caddisfly	SR		S1S2	G1
Oxyethira glasa	a microcaddisfly	W-PD		S3	G5
Oxyethira lumosa	a microcaddisfly	W-PK		S3	G4
Oxyethira verna	Spring Microcaddisfly	W-PK		S3	G4G5

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Caddisflies					
Padunia jeanae	a saddle-case caddisfly	W-RS		S3	G4
Palaeagapetus celsus	Lofty Microcaddisfly	SR		S2	G4
Phylocentropus auriceps	a caddisfly	W-PK		S3	G3G4
Polycentropus colei	Cole's Trumpet-net Caddisfly	SR		S1	G3G4
Protoptila georgiana	a saddle-case caddisfly	W-PK		S2	G3G4
Pseudogoera singularis	a caddisfly	W-TH		S2	G2G3
Pseudostenophylax uniformis	a northern caddisfly	W-TH		S3	G4G5
Psilotreta amera	a caddisfly	W-TH		S2	G3G4
Psilotreta rossi	a caddisfly	W-TH		S2	G3
Psilotreta rufa	a caddisfly	W-RS		S3	G4
Rhyacophila accola	a free-living caddisfly	SR		S1S2	G1G2
Rhyacophila amicis	Friendly Free-living Caddisfly	W-TH		S3	G3G4
Rhyacophila appalachia	a free-living caddisfly	SR		S2	G3
Rhyacophila celadon	Celadon Caddisfly	SR		S2	G2G3
Rhyacophila montana	a free-living caddisfly	W-TH		SU	G2G3
Rhyacophila mycta	a free-living caddisfly	W-TH		S2S3	G3
Rhyacophila sp. 1	a free-living caddisfly	SR		S2	G2G3
Rhyacophila vibox	Marked Free-living Caddisfly	W-RS		S3	G3G5
Setodes arenatus	a long-horned caddisfly	W-TH		S2	G2G3
Setodes stehri	a long-horned caddisfly	W-TH		S3	G4
Stactobiella delira	Silly Microcaddisfly	W-PK		S3	G5?
Stactobiella martynovi	a microcaddisfly	W-PK		S3	G4
Triaenodes helo	Marsh Triaenode Caddisfly	W-PK		S3	G3
Triaenodes marginatus	Bordered Long-horned Caddisfly	W-PK		S3	G5
Triaenodes melacus	Funeral Long-horned Caddisfly	W-PK		S3	G5
Triaenodes sp. C	a long-horned caddisfly	W-TH		S1	G1G2
Wormaldia thyria	a finger-net caddisfly	W-PK		S3	G3
Dragonflies and Damselflies					
Aeshna tuberculifera	Black-tipped Darner	SR		S1	G5
Aeshna verticalis	Green-striped Darner	SR		SH	G5
Arigomphus pallidus	Gray-green Clubtail	SR		S2	G5
Boyeria grafiana	Ocellated Darner	SR		S2?	G5
Calopteryx amata	Superb Jewelwing	SR		S1S2	G5
Cordulia shurtleffii	American Emerald	SR		S1	G5
Coryphaeschna ingens	Regal Darner	SR		S2?	G5
Dromogomphus armatus	Southeastern Spinyleg	W-PK		S3	G4
Dromogomphus spoliatus	Flag-tailed Spinyleg	SR		S1	G4G5
Enallagma sulcatum	Golden Bluet	W-QD		SH	G4
Gomphurus fraternus	Midland Clubtail	SR		S1	G5
Gomphurus hybridus	Cocoa Clubtail	W-PK		S3	G4
Gomphurus lineatifrons	Splendid Clubtail	SR		S2	G4
Gomphurus septima	Septima's Clubtail	SR		S3	G3
Gomphurus ventricosus	Skillet Clubtail	SR		S1	G4
Hylogomphus abbreviatus	Spine-crowned Clubtail	W-RS		S3S4	G4
Hylogomphus adelphus	Mustached Clubtail	SR		S1S2	G5

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Dragonflies and Damselflies					
Hylogomphus apomyius	Banner Clubtail	W-PK		S3	G3G4
Hylogomphus parvidens	Piedmont Clubtail	W-RS		S3	G4
Hylogomphus viridifrons	Green-faced Clubtail	SR		S1S2	G4
Ladona julia	Chalk-fronted Corporal	SR		S1	G5
Lanthus parvulus	Northern Pygmy Clubtail	W-QD		SU	G4G5
Lestes congener	Spotted Spreadwing	SR		S1	G5
Lestes eurinus	Amber-winged Spreadwing	W-RS		S3	G5
Lestes forcipatus	Sweetflag Spreadwing	SR		S1S2	G5
Lestes vidua	Carolina Spreadwing	W-RS		S3	G5
Macrodiplax balteata	Marl Pennant	W-PK		S2S3	G5
Macromia margarita	Mountain River Cruiser	SR		S1	G3
Nannothemis bella	Elfin Skimmer	W-PK		S3S4	G4G5
Neurocordulia alabamensis	Alabama Shadowdragon	W-PK		S3?	G5
Neurocordulia molesta	Smoky Shadowdragon	W-PK		S3?	G4
Neurocordulia virginiensis	Cinnamon Shadowdragon	W-PK		S2?	G4
Neurocordulia yamaskanensis	Stygian Shadowdragon	SR		S1?	G4G5
Ophiogomphus aspersus	Brook Snaketail	SR		S1	G4
Ophiogomphus edmundo	Edmund's Snaketail	SR		S1	G2
Ophiogomphus howei	Pygmy Snaketail	SR		S1	G3
Ophiogomphus incurvatus	Appalachian Snaketail	W-RS		S3	G3
Ophiogomphus mainensis	Maine Snaketail	W-RS		S3	G5
Ophiogomphus rupinsulensis	Rusty Snaketail	SR		S1	G5
Phanogomphus australis	Clearlake Clubtail	SR		S2	G4
Phanogomphus borealis	Beaverpond Clubtail	SR		SH	G5
Phanogomphus cavillaris	Sandhill Clubtail	SR		S1	G4
Phanogomphus descriptus	Harpoon Clubtail	SR		S1	G4G5
Phanogomphus diminutus	Diminutive Clubtail	W-RS		S3S4	G3G4
Phanogomphus quadricolor	Rapids Clubtail	SR		S1S2	G4?
Progomphus bellei	Belle's Sanddragon	SR		S1	G3
Somatochlora elongata	Ski-tipped Emerald	SR		S2	G5
Somatochlora georgiana	Coppery Emerald	SR		S1?	G3
Somatochlora provocans	Treetop Emerald	W-PK		S3?	G4
Stenogomphurus consanguis	Cherokee Clubtail	SR		SH	G3
Stenogomphurus rogersi	Sable Clubtail	W-RS		S3	G4
Stylogomphus sigmastylus	Interior Least Clubtail	SR		SH	G5
Stylurus amnicola	Riverine Clubtail	W-PK		S3	G4
Stylurus ivae	Shining Clubtail	SR		S1?	G4
Stylurus laurae	Laura's Clubtail	W-PD		S2S3	G4
Stylurus scudderi	Zebra Clubtail	SR		S1S2	G5
Stylurus townesi	Townes' Clubtail	SR		SH	G3
Sympetrum internum	Cherry-faced Meadowhawk	W-QD		SU	G5
Sympetrum obtrusum	White-faced Meadowhawk	SR		S1	G5
Triacanthagyna trifida	Phantom Darner	SR		S1	G5
Flies					
Eulonchus marialiciae	Mary Alice's Small-headed Fly	SR		S2	G2G3

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Butterflies					
Amblyscirtes alternata	Dusky Roadside-Skipper	SR		S2	G3G4
Amblyscirtes carolina	Carolina Roadside-Skipper	W-RS		S3S4	G3G4
Amblyscirtes reversa	Reversed Roadside-Skipper	SR		S3	G3
Argynnis diana	Diana Fritillary	W-RS		S3S4	G2G3
Argynnis idalia	Regal Fritillary	SR	PE	SX	G3G4
Atrytone arogos arogos	Eastern Arogos Skipper	SR		SH	G2G3T1T2
Atrytonopsis loammi	Loammi Skipper	SR		SH	G2
Atrytonopsis quinteri	Crystal Skipper	SR		S1	G1
Burnsius albezens	White Checkered-Skipper	W-PK		SU	G5
Calephelis virginiensis	Little Metalmark	SR		S2	G4
Callophrys hesseli	Hessel's Hairstreak	SR		S3	G3
Callophrys irus	Frosted Elfin	SR		S2	G3
Celastrina neglectamajor	Appalachian Azure	W-RS		S3S4	G3?
Celastrina nigra	Dusky Azure	SR		S2	GU
Chlosyne gorgone	Gorgone Checkerspot	SR		S1?	G5
Danaus plexippus	Monarch	W-PD	PT	S4	G4
Erora laeta	Early Hairstreak	SR		S2S3	G2G3
Erynnis martialis	Mottled Duskywing	SR		S2	G3
Euchloe olympia	Olympia Marble	SR		S1	G5
Euphydryas phaeton	Baltimore Checkerspot	SR		S2	G4
Euphyes berryi	Berry's Skipper	SR		S1S2	G3G4
Euphyes bimacula	Two-spotted Skipper	SR		S1S2	G4
Euphyes dukesi	Dukes' Skipper	SR		S1S2	G3G4
Glaucopsyche lygdamus	Silvery Blue	W-RS		S2S3	G5
Heraclides cresphontes	Eastern Giant Swallowtail	SR		S2	G5
Hermeuptychia intricata	Intricate Satyr	W-PK		S3?	GNR
Hesperia attalus	Dotted Skipper	SR		S1	G3G4
Hesperia leonardus	Leonard's Skipper	SR		S2	G4
Hesperia meskei	Meske's Skipper	SR		S2	G3G4
Hesperia metea	Cobweb Skipper	SR		S2	G4
Hesperia sassacus	Indian Skipper	W-RS		S3	G5
Megathymus cofaqui	Cofaqui Giant-Skipper	SR		S1	G3G4
Megathymus yuccae	Yucca Giant-Skipper	W-RS		S2S3	G5
Neonympha areolatus	Georgia Satyr	SR		S2	G3G4
Neonympha mitchellii francisci	Saint Francis' Satyr	SR	E	S1	G2T1
Phyciodes batesii maconensis	Appalachian Tawny Crescent	SR		S2	G3G4T3
Phyciodes incognitus	Incognito Crescent	W-PK		S3?	GU
Phyciodes phaon	Phaon Crescent	W-TH		S2S3	G5
Poanes aaroni	Aaron's Skipper	SR		S1	G4
Polites mystic	Long Dash	SR		S1	G5
Polygonia faunus	Green Comma	SR		S1S2	G5
Polygonia progne	Gray Comma	SR		S1	G5
Pontia protodice	Checkered White	SR		S1S2	G4
Problema bulenta	Rare Skipper	SR		S1	G3
Pyrgus centaureae wyandot	Appalachian Grizzled Skipper	SR		S1	G5T1T2

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Butterflies					
Satyrium caryaevorus	Hickory Hairstreak	SR		S1	G4
Satyrium edwardsii	Edwards' Hairstreak	SR		S2	G4
Satyrium favonius favonius	Southern Oak Hairstreak	SR		S1	G5T4
Satyrium favonius ontario	Northern Oak Hairstreak	SR		S2S3	G5T4
Satyrium kingi	King's Hairstreak	W-RS		S3S4	G3G4
Telegonus cellus	Golden Banded-Skipper	SR		S2	G5
Thorybes confusis	Confused Cloudywing	W-PK		S3S4	G4
Moths					
Abrostola ovalis	Oval Abrostola Moth	W-PK		SU	G4
Acronicta albarufa	Barrens Dagger Moth	SR		S1S2	G4
Acronicta dolli	Doll's Dagger	SR		S1S2	G3G4
Acronicta lanceolaria	Narrow-winged Dagger Moth	W-PK		S3?	G4
Acronicta perblanda	Cypress Daggermoth	SR		SH	G3G4
Acronicta sinescripta	a dagger moth	SR		S1S2	G3G4
Afrida ydatodes	Dyar's Lichen Moth	W-PK		S1S3	G5
Agrotis buchholzi	Buchholz's Dart Moth	SR		S2S3	G2
Anicla lubricans	Slippery Dart	W-PK		S3?	G4G5
Anicla simplicius	Simplicius Dart	W-PK		SU	G4
Anicla sullivani	Sullivan's Anicla Moth	W-PK		S2S3	G3G4
Apamea inebriata	Drunk Apamea	SR		S1S2	G3G4
Apantesis doris	Doris Tiger Moth	SR		S1S3	G4?
Apantesis phyllira	Phyllira Tiger Moth	W-RS		S3	G3G5
Apantesis placentia	Placentia Tiger Moth	SR		S2S3	G3G4
Apantesis virguncula	Little Virgin Tiger Moth	W-PK		SH	G5
Aplectoides condita	a noctuid moth	SR		S2S3	G5
Apoda rectilinea	Rectilinea Slug Moth	W-PK		S1S3	GNR
Apodrepanulatrix liberaria	New Jersey Tea Inchworm	SR		S1	G3
Arctia caja	Great Tiger Moth	SR		S1	G5
Arctia parthenos	St. Lawrence Tiger Moth	SR		S1S2	G5
Argillophora furcilla	Silver Fork Cane Moth	W-PK		S2S3	G3G4
Argyrostrotis quadrifilaris	Four-lined Chocolate Moth	SR		S3	G4
Arugisa latiorella	Watson's Arugisa Moth	W-PK		S3?	G4
Arundinariaphila hayesi	Common Cane Borer	SR		S2S3	GNR
Baltodonta broui	a prominent moth	W-PK		S2S3	G3G4
Bleptina sangamonia	a litter moth	SR		S1S2	GU
Cabera quadrifasciaria	Four-lined Cabera Moth	W-PK		SU	GNR
Callosamia securifera	Sweetbay Silkmoth	W-PK		SU	G4
Catocala abbreviatella	Abbreviated Underwing Moth	W-PK		SH	G3G4
Catocala alabamae	Alabama Underwing	W-PK		S2S3	G4
Catocala amestris	Three-staff Underwing	W-PK		SU	G4
Catocala blandula ssp. 1	Southern Charming Underwing	W-PK		S1S3	G5T3
Catocala consors	Consort Underwing	SR		S1	G3?
Catocala dulciola	Sweet Underwing	SR		S2S3	G3G4
Catocala grisatra	Grisatra Underwing	SR		S1S2	G2
Catocala herodias	Herodias Underwing	SR		S1	G3

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Moths					
Catocala illecta	Magdalen Underwing	W-PK		SU	G5
Catocala jair	Jair Underwing	SR		S2	G3G4
Catocala lincolnana	Lincoln Underwing	SR		S2S3	G3G4
Catocala louiseae	Louise's Underwing	SR		S1S2	G4
Catocala marmorata	Marbled Underwing	SR		S1S3	G3?
Catocala messalina	Messalina Underwing	SR		S2?	G4?
Catocala miranda	Miranda Underwing	W-PK		SU	G3?
Catocala myristica	Nutmeg Underwing	SR		S1	G3G4
Catocala orba	Orba Underwing	SR		S2S3	G4
Catocala pretiosa	Precious Underwing	W-PK		S2S3	G4
Catocala sappho	Sappho Underwing	W-PK		SU	G4
Cerastis fishii	a dart moth	W-PK		SU	G4
Ceratonyx satanaria	a geometrid moth	W-PK		S2S4	G4
Cerma cora	Owl-eyed Bird-dropping Moth	SR		S2S3	G3G4
Chaetaglaea fergusoni	Ferguson's Sallow	SR		S1S2	G3G4
Cherokeea attakullakulla	Cherokee Moth	SR		S2	G2?
Cherokeea gabrielleae	Switch Cane Borer	SR		S2S3	GNR
Cherokeea odonnellae	Hill Cane Borer	SR		S1S2	GNR
Chytonix sensilis	Barrens Marvel	W-PK		S3?	G4
Cisthene kentuckiensis	Kentucky Lichen Moth	W-PK		SU	GU
Coelodasys apicalis	Plain Schizura	SR		S1S2	G3G4
Cyclophora sp. 1 (culicaria of authors)	Sand-myrtle Geometer	SR		S1	G3
Cycnia collaris	Unexpected Cycnia Moth	SR		S1S2	G4
Dargida aleada	a noctuid moth	SR		S1S2	GNR
Dargida rubripennis	Pink Streak	SR		S2S3	G3G4
Dasychira atrivenosa	a tussock moth	W-PK		S3?	G4
Dasychira leucophaea	a tussock moth	SR		S2S3	G4
Datana ranaeceps	Post-burn Datana Moth	SR		S2S3	G3G4
Datana robusta	Robust Datana	SR		S1S2	G2G4
Derrima stellata	Pink Star Moth	SR		SH	G4
Digrammia ordinata	Amorpha Angle	SR		S2S3	GNR
Doryodes bistrialis	Wiregrass Doryodes	W-PK		S3S4	G4
Drasteria graphica	Graphic Moth	SR		S1S2	G4
Dysstroma hersiliata	Orange-barred Carpet Moth	SR		S2S3	G5
Elaphria cyanympha	a noctuid moth	SR		S2S3	G4
Elaphria fuscimacula	a noctuid moth	W-PK		SU	GNR
Entephria separata	a geometrid moth	SR		SH	G4
Erastria coloraria	Broad-lined Erastria Moth	SR		S2S3	G3G4
Eubaphe meridiana	Little Beggar Moth	SR		S2S3	G4
Euchlaena milnei	Milne's Euchlaena	SR		S1S3	G2G4
Eucoptocnemis dapsilis	a dart moth	SR		S2S3	G4
Eulithis molliculata	Dimorphic Eulithis Moth	W-PK		SU	G4
Eulithis propulsata	Currant Eulithis Moth	SR		S2S3	G5
Eupithecia absinthiata	a geometrid moth	W-PK		SU	G5
Eupithecia affinata	a geometrid moth	W-PK		SU	GNR
Eupithecia indistincta	a geometrid moth	W-PK		SU	GNR

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	STATE RANK	GLOBAL RANK
Moths					
Eupithecia mutata	Spruce Cone Looper	W-TH		SU	G5
Eupithecia peckorum	Peck's Pug Moth	W-PK		S3?	G4
Eupithecia satyrata	Satyr Pug Moth	W-PK		SU	G5
Eupithecia strattonata	a geometrid moth	W-PK		SU	GNR
Eusarca packardaria	Packard's Eusarca Moth	W-PK		SU	GNR
Euxoa campestris	Flat Dart Moth	SR		S1S2	G5
Euxoa declarata	Clear Dart Moth	SR		S2?	G5
Euxoa violaris	Violet Dart	SR		S1S2	G4
Exyra fax	Epauletted Pitcher-plant Moth	SR		S2S3	G4
Exyra ridingsii	a pitcher-plant moth	SR		S2	G2G4
Exyra semicrocea	a pitcher-plant moth	SR		S2S3	G3G4
Feltia manifesta	Adobe Dart	W-RS		S3S4	G4
Franclemontia interrogans	Franclemont's Cane Moth	SR		S3?	G3G4
Gabara pulverosalis	an erebid moth	W-PK		S3?	G4
Gabara sp. 1	an erebid moth	SR		S1S2	G1G3
Gazoryctra sciophanes	a ghost moth	SR		S1?	GU
Gondysia similis	Gordonia Darkwing	W-PK		S2S3	G3G4
Gondysia telma	an erebid moth	W-PK		SU	GNR
Hadena ectypa	Campion Coronet	SR		S1S2	G3G4
Heliomata infulata	Rare Spring Moth	W-PK		S2S3	G3G4
Hemaris gracilis	Slender Clearwing	SR		S1S2	G4G5
Hemeroplanis sp. 1 nr. obliqualis	an erebid moth	SR		S2S3	GNR
Hemipachnobia monochromatea	Sundew Cutworm Moth	SR		S1?	G4
Hemipachnobia subporphyrea	Venus Flytrap Cutworm Moth	SR		S1?	G1
Heterocampa varia	Sandhill Prominent	SR		S1S2	G3G4
Hydrelia condensata	a geometrid moth	W-PK		SU	G4
Hydriomena divisaria	Black-dashed Hydriomena Moth	W-PK		S2S3	G5
Hydriomena exculpata	a geometrid moth	SR		SH	G5
Hypagyrtis brendae	Brenda's Hypagyrtis Moth	SR		S2S3	G4
Hypena appalachiensis	Appalachian Bomolocha Moth	W-PK		S2S3	G3G4
Hyperstrotia aetheria	a graylet moth	W-PK		S3?	GNR
Hypocala andremona	Hypocala Moth	W-PK		SU	GNR
Hypomecis buchholzaria	Buchholz's Gray	SR		S1S2	G3G4
Hypomecis longipectinaria	Broadly Pectinate Hypomecis Moth	W-PK		S3S4	G3G4
Idaea eremiata	Straw Wave	W-PK		S3S4	G4
Idaea hilliata	Hill's Wave Moth	W-PK		SU	GNR
Idaea micropterata	a wave moth	W-PK		S3?	GNR
Idaea ostentaria	Showy Wave	SR		S2S3	GNR
Idaea productata	Ochre Wave	W-PK		SU	G4
Idaea scintillularia	Diminutive Wave	W-PK		SU	GNR
Idia majoralis	Greater Idia Moth	SR		S1S3	GNR
Ipimorpha pleonectusa	Even-lined Sallow	W-PK		SU	G5
Iridopsis cypressaria	Small Cypress Looper	SR		S2S3	GU
Korscheltellus gracilis	Conifer Swift Moth	SR		S1S2	GNR
Lacanobia grandis	Grand Arches Moth	SR		S1S2	G5
Lemmeria digitalis	Fingered Lemmeria Moth	SR		S1S3	G4

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Moths					
Leptostales laevitaria	Raspberry Wave	SR		S2S3	G4
Leucania calidior	Cane Wainscot	SR		S1S2	G2G4
Leucania incognita	a wainscot moth	W-PK		S1S2	GNR
Lithacodia sp. 2	a bird-dropping moth	W-PK		S1S3	G1G3
Lithophane abita	Cypress Pinion	W-PK		SU	G4
Lithophane georgii	Large Grey Pinion	SR		S1S2	G5
Lithophane joannis	a pinion moth	W-PK		S2S3	G4
Lithophane laceyi	a pinion moth	W-PK		SU	G4
Lithophane lemmeri	Lemmer's Pinion	W-PK		S1S3	G3G4
Lithophane lepida adipel	a pinion moth	W-PK		SU	G4T4
Lithophane oriunda	Immigrant Pinion	SR		S1?	G4
Lithophane scottae	a pinion moth	W-PK		SU	G2G4
Lithophane tepida	White-eyed Pinion	W-PK		SU	G5
Litoprosopus futilis	Palmetto Borer	W-PK		SU	G4
Loscopia roblei	Roble's Cane Borer	SR		S2S3	G3G4
Lytrosis heitzmanorum	a geometrid moth	W-PK		SU	G5
Lytrosis permagnaria	a geometrid moth	SR		S2S3	G3G4
Macaria subcessaria	Barred Angle	SR		S2S3	G5
Macrochilo louisiana	Louisiana Owlet Moth	W-PK		S3?	G4
Macrochilo santerivalis	a litter moth	W-PK		SU	G3G4
Macrochilo sp. 1 nr. absorptalis	a litter moth	SR		S1	G3
Manulea bicolor	Bicolored Moth	SR		S1S2	G5
Megalopyge pyxidifera	Yellow Flannel Moth	SR		S2S3	G4G5
Melanapamea mixta	a borer moth	SR		S2S3	GU
Meropleon cinnamicolor	a borer moth	SR		S1?	GU
Meropleon diversicolor sullivani	a borer moth	SR		S1S2	G5T1T3
Metalectra albilinea	White-lined Fungus Moth	SR		S2S3	GNR
Metanema determinata	Dark Metanema Moth	W-PK		SU	G5
Metarranthis lateritiaria	a geometrid moth	W-PK		SU	G3G4
Metarranthis mollicularia	a geometrid moth	W-PK		SU	GNR
Metarranthis sp. 1	Mid-Atlantic Metarranthis Moth	W-PK		S3S4	G3G4
Nematocampa baggettaria	Baggett's Nematocampa	SR		S1S2	G2G4
Nemoria bifilata	White-barred Emerald	W-PK		S3?	G4
Nemoria outina	an emerald moth	W-PK		SU	GNR
Nemoria rubrifrontaria	Red-fronted Emerald	W-PK		SH	GNR
Nemoria tuscarora	Tuscarora Emerald	SR		S1S3	GU
Neoplynes eudora	a tiger moth	W-PK		S2S3	G5
Oligia chlorostigma	a brocade moth	W-PK		SU	G4
Operophtera bruceata	Bruce Spanworm Moth	W-PK		SU	G5
Orgyia antiqua	Rusty Tussock Moth	SR		S1S2	G5
Orgyia detrita	a tussock moth	W-PK		S2S3	G3G4
Pachypolia atricornis	Three-horned Sallow	SR		S2S3	G3G4
Pangrapta sp. 1	Whitish Pangrapta	W-PK		S1S3	GU
Papaipema appassionata	Pitcher-plant Borer Moth	SR		S2S3	G3G4
Papaipema araliae	Aralia Shoot Borer Moth	W-PK		S2S4	G3G4
Papaipema astuta	Yellow Stoneroot Borer Moth	SR		S1S2	G3?

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Moths					
Papaipema birdi	Water-hemlock Borer Moth	W-PK		SU	G4G5
Papaipema cerina	Golden Borer Moth	SR		S1S2	G3
Papaipema duplicata	Stoneroot Borer Moth	W-PK		SH	G1G2
Papaipema eryngii	Rattlesnake-master Borer Moth	SR		SH	G2
Papaipema furcata	Ash Tip Borer Moth	W-PK		SU	G4
Papaipema lysimachiae	Loosestrife Borer Moth	W-PK		SU	G4G5
Papaipema necopina	Sunflower Borer Moth	W-PK		SU	G4
Papaipema nepheleptena	Turtle Head Borer Moth	W-PK		SU	G4G5
Papaipema polymniae	Cup Plant Borer Moth	W-PK		SU	G4?
Papaipema sullivani	Sullivan's Switch Cane Borer	W-PK		S3S4	G4
Parahypenodes quadralis	Masked Parahypenodes Moth	W-PK		S1S2	G4
Petrophora subaequaria	Northern Petrophora Moth	SR		SH	G5
Photedes carterae	Carter's Noctuid Moth	SR		S2S3	G2G3
Photedes enervata	a borer moth	W-PK		SU	G4
Pimaphera sparsaria	a geometrid moth	W-PK		SH	GU
Polychrysia morigera	a noctuid moth	SR		S2S3	G4
Ponometia parvula	a bird-dropping moth	W-PK		S2S3	GNR
Ponometia tortricina	a bird-dropping moth	W-PK		SU	GNR
Properigea costa	Barrens Moth	W-PK		SU	G4
Properigea tapeta	a noctuid moth	W-PK		SU	GNR
Protapamea louisae	Louisa's Cane Borer	SR		S1	GNR
Protodeltote sp. 1	a bird-dropping moth	W-PK		S1S3	G1G3
Psamatodes abydata	Dot-lined Angle	W-PK		SU	GNR
Pseudeva purpurigera	Straight-lined Looper	W-PK		S1S2	G5
Ptichodis bistrigata	Southern Ptichodis	W-RS		S3S4	G3
Pygarctia abdominalis	Yellow-edged Pygarctia	SR		S2S3	G3
Pyreferra ceromatica	Annointed Sallow Moth	SR		S1S2	GU
Pyrrhia aurantiago	Orange Sallow Moth	SR		S1S3	G3G4
Rivula stepheni	an erebid moth	W-PK		S2S3	GNR
Schinia bina	Bina Flower Moth	SR		SH	G4
Schinia carolinensis	Carolina Schinia Moth	SR		S2S3	G3
Schinia indiana	Phlox Moth	W-PK		SH	G2G4
Schinia jaguarina	Jaguar Flower Moth	SR		S1S3	G4
Schinia obscurata	Erigeron Flower Moth	W-PK		S2S3	G4
Schinia sanguinea	Bleeding Flower Moth	W-PK		S2S3	G4
Schinia scissoides	Divided Flower Moth	W-PK		S2S3	GNR
Schinia septentrionalis	Northern Flower Moth	SR		SH	G3G4
Schinia siren	Alluring Schinia Moth	W-PK		SU	GNR
Schinia sordidus	Sordid Flower Moth	W-PK		S2S3	G4?
Schizura matheri	a prominent moth	SR		S1S2	GU
Scopula aemulata	Diminutive Wave	W-PK		SU	GNR
Scopula cacuminaria	Frosted Tan Wave Moth	W-PK		S2S3	G4
Scopula ordinata	a wave moth	W-PK		SU	GU
Scopula purata	Chalky Wave	W-PK		S2S3	G4
Selenisa sueroides	Pale-edged Selenisa Moth	W-PK		SU	GNR
Sphinx chersis	Great Ash Sphinx	SR		S1?	G4

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Moths					
Sphinx franckii	Franck's Sphinx	W-PK		SU	G4G5
Spilosoma dubia	Dubious Tiger Moth	W-PK		S3?	G5
Stenoporpia polygrammaria	Faded Gray Geometer	SR		S1S2	GU
Stiria rugifrons	Yellow Sunflower Moth	W-PK		SU	G4
Sympistis dinalda	a sallow moth	W-PK		SU	GNR
Sympistis perscripta	Scribbled Sallow	W-PK		SU	G4
Syngrapha alias	Hooked Silver Y Moth	SR		S2?	G5
Syssphinx bicolor	Honey Locust Moth	W-PK		S3?	G5
Syssphinx bisecta	Bisected Honey Locust Moth	SR		S1?	G5
Tacparia detersata	Pale Alder Moth	W-PK		SU	G5
Tolype minta	Southern Tolype Moth	SR		S2S3	G4
Tornos abjectarius	a geometrid moth	W-PK		S2S3	GNR
Tornos cinctarius	a geometrid moth	W-PK		SU	GNR
Tripudia flavofasciata	a noctuid moth	W-PK		SU	GNR
Ulolonche modesta	Modest Quaker Moth	W-PK		SU	G5
Xestia perquiritata	Boomerang Dart	SR		S1	G5
Xestia youngii	Young's Dart Moth	W-PK		S3S4	G5
Zale declarans	Live Oak Zale	SR		S2S3	G5
Zale fictilis	a zale moth	W-PK		SU	G5
Zale sp. 2 nr. squamularis	a zale moth	W-PK		SU	G4Q
Zale sp. 3 nr. buchholzi	a zale moth	W-PK		S2S3	G3G4
Zanclognatha atrilineella	a litter moth	W-PK		S1S3	GU
Grasshoppers and Katydids					
Amblycorypha arenicola	Sandhill Virtuoso Katydid	W-PK		S2S3	GNR
Amblycorypha peedee	Pee Dee Round-winged Katydid	W-PK		S2S3	GNR
Arphia granulata	Southern Yellow-winged Grasshopper	SR		S2S3	G5
Atlanticus gibbosus	Gibbous Shield-back Katydid	W-PK		SU	GNR
Belocephalus subapterus	Half-winged Cone Head Katydid	W-PK		S2S3	GNR
Booneacris variegata	Variegated Wingless Locust	SR		S2?	G5
Dendrotettix australis	Scrub Pine Grasshopper	W-PK		SU	GU
Dendrotettix zimmermanni	Carolina Oak Grasshopper	SR		S1?	GU
Encoptolophus sordidus	Dusky Grasshopper	W-QD		SU	G5
Eotettix pusillus	Little Eastern Grasshopper	SR		S2?	G2G3
Hesperotettix viridis	Meadow Purple-striped Grasshopper	W-PK		SU	G5
Hubbellia marginifera	Pine Katydid	W-PK		S3?	GNR
Inscudderia walkeri	Eastern Cypress Katydid	W-PK		SU	GNR
Melanoplus acrophilus	a spur-throat grasshopper	W-PK		S2S3	G2G3
Melanoplus angustipennis	Narrow-winged Spur-throat Grasshopper	W-PK		S2S3	G5
Melanoplus attenuatus	Slender-bodied Short-wing Grasshopper	SR		SH	G2G3
Melanoplus carnegiei	Carnegie Short-wing Grasshopper	SR		SH	GU
Melanoplus cherokee	Cherokee Melanoplus	SR		S2?	G1G3
Melanoplus coreyi	a spur-throat grasshopper	SR		S1	GNR
Melanoplus deceptus	Deceptive Melanoplus	W-RS		S3	G2G4
Melanoplus decoratus	Decorated Melanoplus	SR		S1S2	GU
Melanoplus decorus	Decorated Spur-throat Grasshopper	SR		S2S3	G2G3

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Grasshoppers and Katydids					
Melanoplus devius	Devious Short-wing Grasshopper	W-PK		SU	GU
Melanoplus divergens	Divergent Melanoplus	SR		SH	G2G3
Melanoplus eurycercus	a spur-throat grasshopper	SR		S1	G4
Melanoplus hubbelli	Hubbell's Melanoplus	W-PK		SU	G4
Melanoplus impudicus	Immodest Spur-throat Grasshopper	W-PK		SH	G4G5
Melanoplus mirus	Weldon Short-wing Grasshopper	SR		S1?	G1
Melanoplus nigrescens	Black-sided Spur-throat Grasshopper	W-PK		S3?	GU
Melanoplus nossi	Noss' Short-winged Grasshopper	SR		S1S2	GNR
Melanoplus nubilus	Nubile Short-wing Grasshopper	SR		S2	G2G3
Melanoplus pachycercus	a spur-throat grasshopper	SR		S1S2	G2G3
Melanoplus serrulatus	Nantahala Short-wing Grasshopper	SR		SH	G1G3
Melanoplus similis	a spur-throat grasshopper	SR		SH	G5
Melanoplus strumosus	Swollen Spur-throat Grasshopper	W-PK		S2S3	G4G5
Melanoplus sylvestris	a spur-throat grasshopper	W-PK		S3?	G1G3
Melanoplus tribulus	Tribulus Spur-throat Grasshopper	W-PK		SU	G4G5
Melanoplus walshii	Walsh's Locust	W-PK		SU	G4G5
Mermiria bivittata	Two-striped Mermiria	SR		SH	G5
Mermiria intertexta	Intertexta Mermiria	W-PK		S3S4	G4?
Mermiria picta	Lively Mermiria	W-PK		S3?	G5
Montezumina modesta	Modest Katydid	W-PK		SU	GU
Neoconocephalus velox	Swift-flying Cone Head Katydid	W-PK		SU	GNR
Orchelimum bradleyi	Bradley's Meadow Katydid	W-PK		SU	GNR
Orchelimum superbum	Superb Meadow Katydid	W-PK		SU	GNR
Paratylotropidia beutenmuelleri	Beutenmueller's Grasshopper	W-PK		SU	G4
Pardalophora apiculata	Coral-winged Grasshopper	W-PK		SU	G5
Romalea microptera	Eastern Lubber Grasshopper	W-PK		SU	G5
Scudderia curvicauda laticauda	Broad-tailed Bush Katydid	W-PK		SU	G5TNR
Scudderia septentrionalis	Northern Bush Katydid	W-PK		S2S3	G4G5
Stenacris vitreipennis	Glassy-winged Toothpick Grasshopper	W-PK		S1S3	G5
Stethophyma celatum	Broad-winged Sedge Grasshopper	SR		S1S2	G4
Trachyrhachys kiowa	Ash-brown Grasshopper	W-PK		SU	G5
Trimerotropis saxatilis	Lichen Grasshopper	SR		S2?	G3
Beetles					
Cicindela ancocisconensis	Appalachian Tiger Beetle	SR		S1S2	G3
Cicindela nigrior	Autumn Tiger Beetle	SR		S1	G2G3
Cicindela patruela	Northern Barrens Tiger Beetle	SR		S2?	G3
Ellipsoptera blanda	Sandbar Tiger Beetle	W-PK		S2S3	G3
Ellipsoptera lepida	Ghost Tiger Beetle	SR		S1?	G3
Heterlimnius dietrichi	a riffle beetle	W-PK		S2	GNR
Lordithon niger	Black Lordithon Rove Beetle	W-QD		SU	GU
Nicrophorus americanus	American Burying Beetle	SR	E	SH	G3
Stenelmis gammoni	Gammon's Stenelmis Riffle Beetle	SR		S2	G2G3
Stenelmis hollandi	a riffle beetle	SR		S1	G1
Stenelmis morsei	a riffle beetle	W-TH		S2	GNR
Stenelmis sp. 1	Harley's Stenelmis Riffle Beetle	W-PK		S1	GNR

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Beetles					
Stenelmis sp. 2	William's Stenelmis Riffle Beetle	W-RS		S2	GNR
Stenelmis sp. 3	a riffle beetle	W-PK		S2	GNR
Trechus balsamensis	a ground beetle	SR		S1	G1
Trechus carolinae	a ground beetle	SR		SH	GH
Trechus luculentus luculentus	Bright Ground Beetle	SR		S1	GNRTNR
Trechus mitchellensis	Mitchell's Ground Beetle	SR		S1	G1
Trechus novaculosus	a ground beetle	SR		S1	GNR
Trechus roanicus	Roan Mountain Ground Beetle	SR		S1	GNR
Trechus rosenbergi	Rosenberg's Ground Beetle	SR		S1	G1
Trechus satanicus	a ground beetle	SR		S1	G1
Trechus subtilis	Fine Ground Beetle	SR		S2	G2
Trechus unicoi	Unicoi Mountains Ground Beetle	SR		S1	GNR
True Bugs and Allies					
Chlorochroa dismalia	Dismal Swamp Green Stink Bug	SR		S1?	G1G3
Bees					
Andrena accepta	Two-spotted Miner Bee	W-PK		SH	GNR
Andrena arabis	Mustard Miner Bee	W-PK		SH	GNR
Andrena carolinensis	an andrenid bee	W-PK		SH	GNR
Andrena chromotricha	Pigmented Miner Bee	W-PK		SH	GNR
Andrena crawfordi	an andrenid bee	W-PK		SH	GNR
Andrena fulvipennis	an andrenid bee	SR		S2	GNR
Andrena gardineri	an andrenid bee	W-PK		S2S3	GNR
Andrena obscuripennis	an andrenid bee	W-PK		S2S3	GNR
Andrena parnassiae	Parnassia Miner Bee	SR		S1S2	GNR
Andrena rudbeckiae	Coneflower Mining Bee	W-PK		SH	GNR
Andrena uvulariae	a mining bee	SR		S1S2	GNR
Ashmeadiella floridana	Southeastern Ashmeadiella Bee	SR		S1	G2G4
Bombus affinis	Rusty-patched Bumble Bee	SR	E	S1	G2
Bombus fervidus	Yellow Bumble Bee	W-PK		S3S4	G4
Bombus fraternus	Southern Plains Bumble Bee	W-PK		S2S3	G3G4
Bombus pensylvanicus	American Bumble Bee	W-PK		S3S4	G3G4
Bombus terricola	Yellow-banded Bumble Bee	W-PK		S3S4	G3G4
Bombus variabilis	Variable Cuckoo Bumble Bee	SR		SH	G1G3
Caupolicana electa	a plasterer bee	SR		SH	G2
Coelioxys galactiae	a sharptail bee	W-PK		S2S3	GNR
Colletes distinctus	a cellophane bee	SR		S1	GNR
Colletes kincaidii	Kincaid's Cellophane Bee	W-PK		S2S3	G5
Epeolus australis	Southern Cuckoo Nomad Bee	SR		S1	GNR
Epeolus banksi	Banks' Epeolus	W-PK		SH	GNR
Epeolus erigeronis	Fleabane Cuckoo Nomad Bee	W-PK		SH	GNR
Lasioglossum ceanothi	a sweat bee	W-PK		S2S3	GNR
Lithurgopsis gibbosa	a mason bee	W-PK		SH	GNR
Megachile brimleyi	a leafcutter bee	SR		SH	G1G2
Megachile deflexa	a leafcutter bee	SR		SH	G2

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Bees					
Megachile ingenua	a leafcutter bee	SR		SH	G2?
Megachile integra	a leafcutter bee	SR		SH	G2G3
Megachile integrella	a leafcutter bee	SR		S1S2	G1G2
Megachile oenotherae	a leafcutter bee	SR		SH	G1G3
Megachile rubi	a leafcutter bee	W-PK		S2S3	G3
Megachile rugifrons	a leafcutter bee	W-PK		SH	G2G3
Megachile townsendiana	a leafcutter bee	W-PK		SH	G4G5
Melissodes fimbriata	a callirhoe bee	SR		SH	GNR
Nomada augustiana	a cuckoo bee	W-PK		SH	GNR
Nomada gracilis	Slender Cuckoo Nomad Bee	W-PK		SH	GNR
Nomada minima	a cuckoo bee	W-PK		SH	GNR
Nomada tyrrellensis	a cuckoo bee	SR		SH	GNR
Perdita consobrina	a fairy bee	SR		S1S2	GNR
Perdita discreta	a fairy bee	SR		S1S2	GNR
Perdita georgica	a fairy bee	SR		S1S2	GNR
Perdita gerardiae	a fairy bee	SR		S1S2	GNR
Protandrena compositarum	a mining bee	SR		S1	GNR
Stelis coarctatus	Constrained Cuckoo Carder Bee	W-PK		SH	GNR
Triepeolus sublunatus	a cuckoo bee	W-PK		SH	GNR

CITATION

Ratcliffe, J.A., L.E. Hamon, and M.B. East. 2026. Natural Heritage Program List of the Rare Animal Species of North Carolina, 2026. North Carolina Natural Heritage Program, N.C. Department of Natural and Cultural Resources, Raleigh, NC. www.ncnhp.org

ENDEMIC ANIMALS OF NORTH CAROLINA

This is a list of all taxa (including subspecies) considered to be strictly endemic to North Carolina. The list does not include taxa whose range barely extends into another state, such as taxa endemic to the Roan Mountain area or Great Smoky Mountains National Park. The lists of most of the insect groups (other than butterflies, dragonflies, and damselflies) are incomplete, as are the lists for spiders and other arachnids. There are no endemic taxa of birds.

SCIENTIFIC NAME	COMMON NAME
MAMMALS	
Peromyscus leucopus buxtoni	Buxton Woods White-footed Deermouse
Sorex sp. 1	a shrew (Albemarle-Pamlico Peninsula)
REPTILES	
Lampropeltis getula sticticeps	Outer Banks Kingsnake
Nerodia sipedon williamengelsi	Carolina Watersnake
AMPHIBIANS	
Aneides caryaensis	Hickory Nut Gorge Green Salamander
Desmognathus balsameus	Great Balsam Mountain Dusky Salamander
Desmognathus imitator pop. 1	Imitator Salamander – Waterrock Knob
Eurycea arenicola (fmr sp. 9)	Sandhills Salamander
Necturus lewisi	Neuse River Waterdog
Plethodon amplus	Blue Ridge Gray-cheeked Salamander
Plethodon cheoah	Cheoah Bald Salamander
Plethodon meridianus	South Mountain Gray-cheeked Salamander
Plethodon yonahlossee pop. 1	Crevice Salamander
FRESHWATER FISHES	
Etheostoma perlongum	Waccamaw Darter
Fundulus sp. cf. diaphanus	Lake Phelps Killifish
Fundulus waccamensis	Waccamaw Killifish
Lythrurus matutinus	Pinewoods Shiner
Menidia extensa	Waccamaw Silverside
Notropis mekistocholas	Cape Fear Shiner
Noturus furiosus	Carolina Madtom
MOLLUSKS – FRESHWATER BIVALVES	
Alasmidonta sp. 1	a bivalve (Upper Yadkin River system)
Alasmidonta robusta	Carolina Elktoe
Alasmidonta uwharriensis (fmr sp. 2)	Uwharrie Elktoe
Elliptio marsupiobesa	Cape Fear Spike
Lampsilis sp. 3	a bivalve (Deep River system)
Ligodonta obscura	Solstice Creekshell
Parvaspina steinstansana	Tar River Spinymussel
MOLLUSKS – FRESHWATER GASTROPODS	
Cincinnatia sp. 1	Waccamaw Siltsnail
Helisoma eucosmium	Greenfield Ramshorn
Planorbella magnifica	Magnificent Ramshorn
MOLLUSKS – TERRESTRIAL GASTROPODS	
Carychium arboreum	Tree Thorn

MOLLUSKS – TERRESTRIAL GASTROPODS	
Catinella waccamawensis	Waccamaw Ambersnail
Pilsbryna clingmani	Fragile Glyph
Helicodiscus bonamicus	Spiral Coil
Novisuccinea sp. 1 nr. chittenangoensis	an ambersnail
Paravitrea lacteodens	Ramp Cove Supercoil
Patera nantahala	Noonday Globe
Pilsbryna clingmani	Fragile Glyph
Triodopsis fulciden	Dwarf Threetooth
Triodopsis soelneri	Cape Fear Threetooth
ARACHNIDS	
Hypochilus coylei	a lampshade weaver
Hypochilus sheari	a lampshade weaver
Nesticus bishopi	a cave cobweb spider
Nesticus brimleyi	a cave cobweb spider
Nesticus carolinensis	Linville Caverns Spider
Nesticus cooperi	Lost Nantahala Cave Spider
Nesticus crosbyi	a cave cobweb spider
Nesticus gertschi	a cave cobweb spider
Nesticus nasicus	a cave cobweb spider
Nesticus sheari	a cave cobweb spider
Nesticus silvanus	a cave cobweb spider
Nesticus sp. 2	a cave cobweb spider
CRUSTACEANS	
Caecidotea carolinensis	Bennett's Mill Cave Water Slater
Cambarus brimleyorum	Valley River Crayfish
Cambarus burchfielae	Falls Crayfish
Cambarus catagius	Greensboro Burrowing Crayfish
Cambarus davidi	Carolina Ladle Crayfish
Cambarus eeseeohensis	Grandfather Mountain Crayfish
Cambarus franklini	South Mountains Crayfish
Cambarus hystricosus	Sandhills Spiny Crayfish
Cambarus johni	Carolina Foothills Crayfish
Cambarus lapidosus	Stony Fork Crayfish
Cambarus lenati	Broad River Stream Crayfish
Cambarus reburrus	French Broad River Crayfish
Cambarus tuckasegee	Tuckasegee Stream Crayfish
Dactylocythere chelomata	Cherokee Crayfish Ostracod
Dactylocythere isabelae	Catawba Crayfish Octracod
Dactylocythere peedeeensis	Pee Dee Crayfish Ostracod
Dactylocythere prinsi	Whitewater Crayfish Ostracod
Diacyclops jeanneli putei	Carolina Well Diacyclops
Harpagocythere baileyi	Highlands Crayfish Ostracod
Procambarus medialis	Pamlico Crayfish

CRUSTACEANS	
Procambarus plumimanus	Croatan Crayfish
Skistodiaptomous carolinensis	Carolina Skistodiaptomous
Stygobromus carolinensis	Yancey Sideswimmer
Waltoncythere acuta	Transylvania Crayfish Ostracod
INSECTS - MAYFLIES	
Baetopus trishae	a mayfly
Maccaffertium wudigeum	Wilson Creek "Stenonema"
Rithrogena rubicunda	a flat-headed mayfly
INSECTS - STONEFLIES	
Alloperla lenati	Sandhill Sallfly
Haploperla fleeki	Piedmont Sallfly
Haploperla parkeri	Parker Sallfly
Isoperla tutelo	North Carolina Stripetail
Oemopteryx tuscarora	Sand Hills Willowfly
Perlesta beatyi	Raft Swamp Stone
Perlesta bjostadi	Anomalus Stone
Perlesta georgiae	Barbeque Stone
Perlesta leathermani	Sandhills Stone
Soyedina sheldoni	Mountain Man Forestfly
Tallaperla maiyae	Carolina Roachfly
Zealeuctra uwharrie	Uwharrie Needlefly
INSECTS – CADDISFLIES	
Agapetus flinti	a saddle-case caddisfly
Ceraclea cama	a longhorned caddisfly
Ceraclea joannae	a caddisfly
Nectopsyche waccamawensis	Waccamaw White Miller
Oecetis sp. D	a caddisfly
Rhyacophila accola	a caddisfly
INSECTS – FLIES	
Eulonchus marialiciae	Mary Alice's Small-headed Fly
INSECTS – BUTTERFLIES	
Atrytonopsis quinteri	Crystal Skipper
Neonympha mitchellii francisci	Saint Francis' Satyr
INSECTS - MOTHS	
Meropleon diversicolor sullivani	an owlet moth
INSECTS – GRASSHOPPERS AND KATYDIDS	
Amblycorypha peedee	Pee Dee Round-winged Katydid
Melanoplus coreyi	a grasshopper
Melanoplus decorus	Decorated Spur-throat Grasshopper
Melanoplus nubilus	Nubile Short-wing Grasshopper
Melanoplus serrulatus	Nantahala Short-wing Grasshopper
Melanoplus sylvestris	a spur-throat grasshopper
INSECTS – BEETLES	
Stenelmis hollandi	a riffle beetle
Trechus balsamensis	a ground beetle
Trechus carolinae	a ground beetle
Trechus michellensis	a ground beetle
Trechus rosenbergi	a ground beetle

INSECTS - BEETLES	
Trechus satanicus	a ground beetle
Trechus subtilis	a ground beetle
INSECTS – SPRINGTAILS	
Pseudosinella flatua	a cave obligate springtail
Pseudosinella gisini carolina	a cave obligate springtail
INSECTS - SPRINGTAILS	
Pseudosinella vespera	a cave obligate springtail

EXTIRPATED ANIMALS OF NORTH CAROLINA

This is a list of all taxa considered by state biologists and NCNHP to be extirpated (N.C. Rank of SX) in North Carolina. Those species with N.C. Status of E, T, SC, or SR are also included on the Rare List. NOTE: Quite a few species that might be gone from N.C. are included in the Rare and Watch Lists with an SH (=historic) rank, generally indicating that they have not been seen for over 20 years, but because of inadequate survey or other factors they may well still exist in the state or may be absent but expected to be found again in upcoming years.

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	NOTES
MAMMALS			
Bos bison	American Bison	G4	MP: open woodlands
Canis lupus	Gray Wolf	G4	MPS?C?: extensive forests, remote areas
Erethizon dorsatum	North American Porcupine	G5	M: high elevation hardwood forests**
Lepus americanus	Snowshoe Hare	G5	M: spruce-fir, other high elevation forests**
Martes pennanti	Fisher	G5	M: spruce-fir forests**
Puma concolor couguar	Eastern Cougar	G5THQ	MPC: extensive forests, remote areas
BIRDS			
Campephilus principalis	Ivory-billed Woodpecker	GH	C: extensive swamps, bottomlands with old-growth trees (one NC record)
Columbina passerina	Common Ground-dove	G5	T: dunes, sandy fields, margins of maritime woods and thickets
Conuropsis carolinensis	Carolina Parakeet	GX	M?PSC: forests, esp. swamps and bottomlands
Ectopistes migratorius	Passenger Pigeon	GX	MPSC: forests (winter only)
Thryomanes bewickii altus	Appalachian Bewick's Wren	G5T2Q	M: woodland borders or openings, farmlands or brushy fields at high elevations
Vermivora bachmanii	Bachman's Warbler	GH	PC: bottomland forests, swamps

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	NOTES
AMPHIBIANS			
Rana heckscheri	River Frog	G5	SC: river floodplains, floodplain pools or borrow pit ponds
FRESHWATER FISHES			
Etheostoma jessiae	Blueside Darter	G4Q	M: streams in Mills River system
Percina williamsi	Sickle Darter	G2	M: French Broad River
Polyodon spathula	Paddlefish	G4	M: French Broad River
MOLLUSKS – FRESHWATER BIVALVES			
Alasmidonta robusta	Carolina Elktoe	G1Q	P: Long Creek in Mecklenburg
Cyclonaias pustulosa	Pimpleback	G5	M: Tennessee drainages
Epioblasma florentina walkeri	Tan Riffleshell	G1T1	M: French Broad, other rivers
Medionidus conradicus	Cumberland Moccasinshell	G3G4	M: French Broad River
Pleuronaia dolabelloides	Slabside Pearlymussel	G2	M: Little Tenn. River (?)
Ptychobranchus fasciolaris	Kidneyshell	G4G5	M: Tenn. Drainages
Toxolasma lividum	Purple Lilliput	G2	M: French Broad River
Tritogonia verrucosa	Pistolgrip	G4G5	M: New River near Virginia border
INSECTS – BUTTERFLIES			
Speyeria idalia	Regal Fritillary	G3	M: wet or dry meadows, bogs, open hilltops

* All recorded occurrences in the county are either extirpated, have not been found in recent surveys, or have not been surveyed recently enough to be confident they are still present. Unsurveyed occurrences are regarded as historical after 20-40 years, the number of years depending on the species and the amount of habitat alteration in the area. An asterisk should not be regarded as a definitive statement that the species is gone from the county but indicates that there is reason to doubt its continued existence.

**No positively documented records.

POTENTIAL NEW TO NORTH CAROLINA ANIMALS

The following list contains species of well-known animal groups that are not currently thought to occur in North Carolina or those animal species not currently known to breed in North Carolina but which are considered to have some possibility of being found here based on their established range, habitat preferences, or breeding behaviors. Most are species that occur in the adjacent states of South Carolina, Georgia, Tennessee, or Virginia in habitats (or drainages) at least relatively similar to habitats known to exist in North Carolina. The purpose of this list is to encourage and challenge field workers to find new state occurrences and new breeding records. This list should give field investigators an idea of some of the species that may be regular components of North Carolina's fauna. Species that might occur as single record accidentals, such as western species of birds or Gulf Coast butterflies, are generally not included. While some of these species may have relatively remove chances of being found in North Carolina, the likelihood of finding new state records is greatly increased by awareness of the possibilities and by species-directed searching. Our knowledge of many of our animal groups is still quite imperfect, especially invertebrate groups. Many natural areas are being destroyed before they can be investigated, and it can be assumed that a number of native species have been extirpated from North Carolina before they were ever documented as occurring in the state. Following each species is the North Carolina province in which the species is considered most likely to be found. Where possible, a description of the typical habitat of the species in the vicinity of North Carolina is also given. Sometimes, the nearest known occurrence(s) to North Carolina are also listed.

MAMMALS

There are very few terrestrial mammals that could be discovered for the first time in North Carolina. Three of them, North American Porcupine, Snowshoe Hare, and Fisher, may have occurred in the mountains many decades or centuries ago, but reports are fuzzy or second-hand; they are included on the Extirpated List.

Sylvilagus aquaticus – Swamp Rabbit
M: swamps, floodplain forests; SC, GA; questionable specimen from Clay County, NC

BIRDS

The species below are all considered to be potential breeders in North Carolina; some may possibly be breeding already. All have been recorded from the state on numerous occasions; those marked by (+) are known to occur in summer in the state to an extent and probably are nesting, but conclusive evidence is lacking.

Accipiter gentilis – Northern Goshawk
M: extensive forests, mainly at high elevations; MD, WV, VA; a few summer records for the NC mountains

Ammodramus caudacutus – Saltmarsh Sparrow
T: salt or brackish marshes; VA; some references list NC in the breeding range – this is erroneous; there have been a few summer reports, but some may be erroneous or of late migrating individuals

Asio flammeus – Short-eared Owl
T: extensive brackish marshes; MD, VA formerly, and might still nest there; several summer records for the NC coastal marshes, and might have nested once in 2001

Asio otus – Long-eared Owl
M: conifers or mixed woods at high elevations in northern mountains: VA; one or two summer reports from the NC mountains, but without visual confirmation

Cistothorus platensis – Sedge Wren
T: brackish marshes; VA (northern portion of Chesapeake Bay); several summer records from NC, mainly n brackish marshes, but those might be wandering birds or migrants

Contopus cooperi – Olive-sided Flycatcher +
M: [breeding records for TN side of Great Smoky Mts NP]; no active nest has been found in NC

Empidonax flaviventris – Yellow-bellied Flycatcher
M: high elevation spruce-fir, usually where stunted or young; VA (Mt. Rogers); two summer reports from NC mountains

Geothlypis philadelphia – Mourning Warbler
M: thickets, brushy places, clearings; VA; several males singing on territory have been found in the higher mountains since the mid-1980s, but no strong evidence of nesting has been found in NC

Haemorhous purpureus – Purple Finch
M: spruce-fir forests; VA (Mt. Rogers); one or two summer records for the NC mountains

Melospiza georgiana – Swamp Sparrow
M: bogs at high elevation; VA; no summer reports for NC

Oreothlypis ruficapilla – Nashville Warbler
M: spruce-fir forests, mainly along margins or in young or stunted trees; VA, but also a report from Mt. Rogers; one summer report for NC

Parkesia noveboracensis – Northern Waterthrush
M: bogs where spruce-fir is present; VA, plus two reports from Mt. Rogers; no summer reports for NC

REPTILES

Apalone mutica – Smooth Softshell
M: large rivers in the Tennessee drainage; TN

Graptemys pseudogeographica – False Map Turtle
M: large rivers in the Tennessee drainage; TN

Opheodrys vernalis – Smooth Green Snake
MP: meadows, grassy marshes and fields; VA

AMPHIBIANS

Ambystoma jeffersonianum – Jefferson Salamander
M: low woods, bottomlands; VA

Desmognathus planiceps – Virginia Dusky Salamander
P: springs, seeps, streams; VA

Desmognathus welteri – Black Mountain Salamander
M: along streams in mesic forests; TN

Eurycea bislineata – Northern Two-lined Salamander
MP: springs, seeps, streams; VA; reported from the northern Piedmont of NC, but with no documentation yet available
Eurycea lucifuga – Cave Salamander
M: limestone caves and ledges; TN, VA
Gyrinophilus palleucus – Tennessee Cave Salamander
M: Caves in limestone areas: TN
Plethodon websteri – Webster's Salamander
P: moist forests with steep north-facing slopes; SC
Pseudobranchus striatus – Dwarf Siren
C: swamps, ponds, other sluggish freshwater habitats; SC
Urspelerpes brucei – Patch-nosed Salamander
M: margins of seeps or streams in rich forests; SC, GA

FRESHWATER FISHES

Many fish species are found just beyond the border of North Carolina but have not been found within the state despite significant survey efforts. Higher stream gradients near the northern and western borders partly explain this phenomenon. Reservoirs along the borders have also eliminated riverine habitat and impeded migration. Rather than list the many common species that are found in counties adjacent to North Carolina, here we list those which, if found, would be included in the Rare Animal List.

Etheostoma cinereum – Ashy Darter
M: Tennessee drainages; TN
Etheostoma hopkinsi – Christmas Darter
M: Savannah drainage; SC
Hemitremia flammea – Flame Chub
M: Tennessee drainages; TN
Notropis ariommus – Popeye Shiner
M: Tennessee drainages: TN
Noturus baileyi – Smoky Madtom
M: Tennessee drainages; TN

INSECTS – BUTTERFLIES

For numerous butterfly species the presently known range extends south in the mountains only to Virginia. Some of these might occur in the northern mountain counties of North Carolina, particularly those not restricted to habitats rare or absent in the state (e.g., shale barrens or limestone outcrops).

Amblyscirtes belli – Bell's Roadside-Skipper
MP: wooded edges and openings, wooded creeks; host plant – wild oats (*Chasmanthium latifolium*); SC (Oconee and Pickens counties)
Boloria selene – Silver-bordered Fritillary
M: wet meadows, bogs, marshes; host plant – violets (*Viola*) and other species; VA
Brephidium isophthalma – Eastern Pygmy-Blue
T: tidal flats and marshes; host plant – glassworts (*Salicornia*), possibly saltwort (*Batis maritima*); SC

Calephelis borealis – Northern Metalmark

M: rocky areas near shale, serpentine, or limestone, usually near streams; host plant – round-leaved ragwort (*Senecio obovatus*), possibly fleabanes (*Erigeron*); VA

Callophrys polios – Hoary Elfin

M: sunny, dry slopes and other barren or rocky habitats; host plant – mainly bearberry (*Arctostaphylos uva-ursi*) [not in NC], possibly trailing-arbutus *(Epigaea repens*); VA

Chlosyne harrisii – Harris' Checkerspot

M: marshes, damp meadows, and other wet brushy places; host plant – flat-topped white aster (*Doellingeria umbellata*); WV

Colias interior – Pink-edged Sulphur

M: high elevation areas with acidic soils, such as wood margins, openings, and heath balds; host plant – blueberries (*Vaccinium*); VA

Erynnis lucilius – Columbine Duskywing

M: rocky woods, ravines, and wooded edges; host plant – wild columbine (*Aquilegia canadensis*); VA; reported from NC in early 2000s, but report retracted, likely an identification error

Erynnis persius – Persius Duskywing

M: openings in cool forests, fields, or bogs near woods; host plant – lupine (*Lupinus perennis*); VA

Euphyes conspicua– Black Dash

CM: marshes, wet meadows, but rarely in bogs; host plant – sedges, mainly *Carex stricta*; VA

Speyeria atlantis – Atlantis Fritillary

M: cool, open woods, wooded streams, clearings; host plant – violets (*Viola*); VA

SIGNIFICANT 2026 REVISIONS

North Carolina Natural Heritage Program
Judith Ratcliffe, Zoologist
Laurie Hamon, Pollinator Biologist
Mitch East, Data Manager

Rare Animal List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Mammals			
Corynorhinus rafinesquii macrotis	G rank	G3G4T3	G3T3
Corynorhinus rafinesquii rafinesquii	G rank	G3G4T3	G3T3
Neotoma magister	G rank	G3G4	G3
Sorex dispar	Scientific name	*Sorex dispar blitchi*	*Sorex dispar*
Birds			
Charadrius melodus circumcinctus	State status	E	E, W-PK
	Tracking status	Full tracking	Watch list
Contopus cooperi	S rank	SU	SNA
Helmitheros vermivorum pop. 1	G rank	G5TNRQ	G4G5TNRQ
Laterallus jamaicensis jamaicensis	Scientific name	*Laterallus jamaicensis*	*Laterallus jamaicensis jamaicensis*
Leuconotopicus borealis	Scientific name	*Dryobates borealis*	*Leuconotopicus borealis*
	State status	E	T
Mycteria americana	State status	T	SR
Porphyrio martinica	Scientific name	*Porphyrio martinicus*	*Porphyrio martinica*
Spatula discors	Scientific name	*Anas discors*	*Spatula discors*
Tyrannus forficatus	S rank	SUB	SNA
Vermivora chrysoptera	G rank	G4	G3
Reptiles			
Chelonia mydas	G rank	G3	G4
Crotalus horridus	S rank	S3	S4
Dermochelys coriacea	G rank	G2	G2G3
Heterodon simus	G rank	G2	G2G3
Lepidochelys kempii	G rank	G1	G2
Liodytes pygaea paludis	Scientific name	*Seminatrix pygaea paludis*	*Liodytes pygaea paludis*
Masticophis flagellum flagellum	Scientific name	*Coluber flagellum flagellum*	*Masticophis flagellum flagellum*
Pituophis melanoleucus	Scientific name	*Pituophis melanoleucus melanoleucus*	*Pituophis melanoleucus*
Amphibians			
Ambystoma mabeei	G rank	G4	G3
Ambystoma talpoideum	G rank	G5	G4G5
Anaxyrus quercicus	G rank	G5	G4
Desmognathus anicetus	G rank	GNR	G2
Desmognathus balsameus	S rank	SNR	S2S3
Desmognathus planiceps	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Desmognathus santeetlah	G rank	G3G4Q	G3G4
Hyla andersonii	G rank	G4	G3
Lithobates capito	G rank	G2G3	G3
Freshwater Fishes			
Acipenser oxyrinchus oxyrinchus	G rank	G3T3	G3
Cyprinella leptocheilus	State status	SC	T

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

Rare Animal List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Freshwater Fishes			
Enneacanthus chaetodon	G rank	G3G4	G3
Micropterus pucpuggy	G rank	GNR	G1
	Scientific name	*Micropterus sp. 1 (Savannah)*	*Micropterus pucpuggy*
Moxostoma carinatum	State status	W-RS	T
	Tracking status	Watch list	Full tracking
Moxostoma carolina	G rank	G1G2Q	G2
	Scientific name	*Moxostoma sp. 3*	*Moxostoma carolina*
Moxostoma ugidatli	Scientific name	*Moxostoma sp. 2*	*Moxostoma ugidatli*
Noturus furiosus	S rank	S2	S1
Percina rex	State status	E	T
Polyodon spathula	G rank	G4	G3G4
Mollusks: Freshwater Bivalves			
Alasmidonta uwharriensis	G rank	G1?	G1G2
	State status	SR	T
Alasminota holstonia	Scientific name	*Lasmigona holstonia*	*Alasminota holstonia*
Ligodonta obscura	G rank	N/A (record created after date)	G1
	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Platynaias decorata	Scientific name	*Lasmigona decorata*	*Platynaias decorata*
Platynaias subviridis	Scientific name	*Lasmigona subviridis*	*Platynaias subviridis*
Prolasmidonta heterodon	Scientific name	*Alasmidonta heterodon*	*Prolasmidonta heterodon*
Venustaconcha trabalis	State status	SR	W-PK
	Tracking status	Full tracking	Watch list
Mollusks: Terrestrial Gastropods			
Appalachina sayana	G rank	G5	G4G5
Neohelix dentifera	G rank	G4G5	G5
Pallifera ohioensis	G rank	G5	G3G4
Paravitrea lamellidens	G rank	G3	G3G4
Xolotrema denotatum	G rank	G5	G4
Crustaceans			
Cambarus burchfielae	State status	SR	SC
Cambarus lapidosus	State status	SR	SC
Procambarus chacei	Scientific name	*Procambarus braswelli*	*Procambarus chacei*
Springtails			
Pseudosinella flatua	Tracking status	Not tracked	Watch list
Pseudosinella vespera	Tracking status	Not tracked	Watch list
Mayflies			
Ameletus tertius	G rank	G4	G3G4
Anthopotamus myops	G rank	G5	G4G5
Attenella margarita	G rank	G5	G4
Choroterpes basalis	G rank	G5	G4
Eurylophella enoensis	G rank	G4	G3G4
Eurylophella minimella	G rank	G4	G3G4
Isonychia arida	G rank	G5	G3G4
Stoneflies			
Acroneuria kosztarabi	S rank	SNR	S2?

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

Rare Animal List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Stoneflies			
	Tracking status	Not tracked	Watch list
Allocapnia nivicola	G rank	G5	G4G5
Alloperla chloris	G rank	G5	G4?
Bolotoperla rossi	G rank	G4	G4G5
Isoperla distincta	S rank	SNR	S1
	Tracking status	Not tracked	Full tracking
Isoperla frisoni	G rank	G5	G4G5
Isoperla lata	G rank	G5	G4G5
Leuctra alta	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Oemopteryx tuscarora	G rank	N/A (record created after date)	G1
	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Perlinella ephyre	G rank	G5	G4G5
Pteronarcys comstocki	G rank	G3	G4?
Rasvena terna	G rank	G4	G3
Shipsa rotunda	G rank	G5	G4
Strophopteryx arkansae	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Strophopteryx limata	S rank	SU	S1
	Tracking status	Not tracked	Full tracking
Taeniopteryx robinae	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Caddisflies			
Oecetis porteri	G rank	G3G4	G3
Oropsyche howellae	S rank	S2	S1S2
Pseudostenophylax uniformis	G rank	G5Q	G4G5
Dragonflies and Damselflies			
Aeshna verticalis	S rank	S1	SH
Enallagma sulcatum	S rank	SU	SH
Gomphurus ventricosus	G rank	G3	G4
Hylogomphus viridifrons	G rank	G3G4	G4
	S rank	S1	S1S2
Neurocordulia yamaskanensis	G rank	G5	G4G5
Ophiogomphus mainensis	G rank	G4G5	G5
Phanogomphus quadricolor	G rank	G3G4	G4?
Somatochlora georgiana	G rank	G3G4	G3
Stenogomphurus consanguis	S rank	S1?	SH
Butterflies			
Argynnis diana	Scientific name	*Speyeria diana*	*Argynnis diana*
Argynnis idalia	G rank	G3?	G3G4
Burnsius albezens	Scientific name	*Burnsius albescens*	*Burnsius albezens*
Euphyes berryi	G rank	G2	G3G4
Hesperia leonardus	S rank	S2S3	S2
	State status	W-RS	SR
	Tracking status	Watch list	Full tracking

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

Rare Animal List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Butterflies			
Megathymus yuccae	S rank	S3S4	S2S3
Moths			
Acronicta albarufa	G rank	N/A (record created after date)	G4
Anicla sullivani	S rank	SU	S2S3
Apantesis carlotta	Tracking status	Watch list	Not tracked
Apantesis doris	Scientific name	*Grammia doris*	*Apantesis doris*
Apantesis phyllira	Scientific name	*Grammia phyllira*	*Apantesis phyllira*
Apantesis placentia	Scientific name	*Grammia placentia*	*Apantesis placentia*
Apantesis virguncula	Scientific name	*Grammia virguncula*	*Apantesis virguncula*
Apoda rectilinea	G rank	N/A (record created after date)	GNR
Apodrepanulatrix liberaria	S rank	SNA	S1
	Tracking status	Not tracked	Full tracking
Arctia parthenos	Scientific name	*Platarctia parthenos*	*Arctia parthenos*
Arundinariaphila hayesi	Scientific name	*Apameine new genus 2 sp. 1*	*Arundinariaphila hayesi*
Caripeta aretaria	Tracking status	Watch list	Not tracked
Cherokeea gabrielleae	Scientific name	*Apameine new genus 2 sp. 3*	*Cherokeea gabrielleae*
Cherokeea odonnellae	Scientific name	*Apameine new genus 2 sp. 4*	*Cherokeea odonnellae*
Cycnia collaris	S rank	S2S3	S1S2
	Scientific name	*Cycnia inopinatus*	*Cycnia collaris*
Lithophane joannis	S rank	SU	S2S3
Macaria subcessaria	Scientific name	*Speranza subcessaria*	*Macaria subcessaria*
Manulea bicolor	Scientific name	*Eilema bicolor*	*Manulea bicolor*
Megalopyge pyxidifera	Scientific name	*Lagoa pyxidifera*	*Megalopyge pyxidifera*
Paectes nubifera	Tracking status	Watch list	Not tracked
Papaipema birdi	Scientific name	*Papaipema insulidens*	*Papaipema birdi*
Papaipema duplicata	Scientific name	*Papaipema duplicatus*	*Papaipema duplicata*
Papaipema sullivani	Scientific name	*Papaipema sp. 3*	*Papaipema sullivani*
Pimaphera sparsaria	S rank	S1S2	SH
	Scientific name	*Pimaphera percata*	*Pimaphera sparsaria*
Rivula stepheni	S rank	SU	S2S3
Sarita relicta	Tracking status	Watch list	Not tracked
Syssphinx bicolor	Scientific name	*Sphingicampa bicolor*	*Syssphinx bicolor*
Syssphinx bisecta	Scientific name	*Sphingicampa bisecta*	*Syssphinx bisecta*
Zanclognatha dentata	Tracking status	Watch list	Not tracked
Grasshoppers and Katydids			
Amblycorypha peedee	G rank	N/A (record created after date)	GNR
	Scientific name	*Amblycorypha bartrami*	*Amblycorypha peedee*
Atlanticus gibbosus	State status	W-QD	W-PK
Mermiria bivittata	S rank	S2S3	SH
Scudderia septentrionalis	G rank	G3?	G4G5
Beetles			
Ellipsoptera blanda	G rank	G3G4	G3
Heterlimnius dietrichi	Scientific name	*Gonielmis dietrichi*	*Heterlimnius dietrichi*
Trechus luculentus luculentus	G rank	GHTH	GNRTNR
Trechus novaculosus	G rank	GH	GNR
Trechus roanicus	G rank	GH	GNR
Trechus rosenbergi	G rank	GH	G1
Trechus satanicus	G rank	GH	G1
Trechus subtilis	G rank	GH	G2
	S rank	S1	S2

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

Rare Animal List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Bees			
Andrena fulvipennis	S rank	SNR	S2
	Tracking status	Not tracked	Full tracking
Andrena gardineri	S rank	SNR	S2S3
	Tracking status	Not tracked	Watch list
Andrena obscuripennis	S rank	SNR	S2S3
	Tracking status	Not tracked	Watch list
Andrena parnassiae	S rank	N/A (record created after date)	S1S2
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Andrena uvulariae	S rank	N/A (record created after date)	S1S2
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Ashmeadiella floridana	S rank	SNR	S1
	Tracking status	Not tracked	Full tracking
Bombus fervidus	G rank	G3G4	G4
Bombus rufocinctus	Tracking status	Watch list	Not tracked
Bombus variabilis	G rank	G1G2	G1G3
Coelioxys galactiae	S rank	SNR	S2S3
	Tracking status	Not tracked	Watch list
Colletes distinctus	G rank	N/A (record created after date)	GNR
	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR
	Tracking status	Not tracked	Full tracking
Epeolus australis	S rank	SNR	S1
	Tracking status	Not tracked	Full tracking
Lithurgopsis gibbosa	Scientific name	*Lithurgus gibbosus*	*Lithurgopsis gibbosa*
Megachile brimleyi	G rank	G1G3	G1G2
Melissodes fimbriata	S rank	SNR	SH
	Tracking status	Not tracked	Full tracking
Nomada augustiana	G rank	N/A (record created after date)	GNR
	Scientific name	*Nomada indusata*	*Nomada augustiana*
Nomada gracilis	G rank	N/A (record created after date)	GNR
	Scientific name	*Nomada inepta*	*Nomada gracilis*
Perdita consobrina	S rank	SNR	S1S2
	Tracking status	Not tracked	Full tracking
Perdita discreta	S rank	SNR	S1S2
	Tracking status	Not tracked	Full tracking
Perdita georgica	S rank	SNR	S1S2
	Tracking status	Not tracked	Full tracking
Perdita gerardiae	S rank	SNR	S1S2
	Tracking status	Not tracked	Full tracking
Protandrena compositarum	S rank	SNR	S1
	Scientific name	*Pseudopanurgus compositarum*	*Protandrena compositarum*
	Tracking status	Not tracked	Full tracking
Stelis coarctatus	Scientific name	*Stelis vernalis*	*Stelis coarctatus*

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status