

## Appendix A. The Species of Greatest Conservation Need

Common Name	Scientific Name
<b>Tier I</b>	
<b>Fishes</b>	
Shortnose sturgeon	<i>Acipenser brevirostrum</i>
Blackbanded sunfish	<i>Enneacanthus chaetodon</i>
Spotfin chub	<i>Erimonax monachus</i>
Slender chub	<i>Erimystax cahni</i>
Sharphead darter	<i>Etheostoma acuticeps</i>
Ashy darter	<i>Etheostoma cinereum</i>
Duskytail darter	<i>Etheostoma percunurum</i>
Bridle shiner	<i>Notropis bifrenatus</i>
Yellowfin madtom	<i>Noturus flavipinnis</i>
Roanoke logperch	<i>Percina rex</i>
Tennessee dace	<i>Phoxinus tennesseensis</i>
<b>Amphibians</b>	
Shenandoah salamander	<i>Plethodon shenandoah</i>
<b>Reptiles</b>	
Loggerhead turtle	<i>Caretta caretta</i>
Wood turtle	<i>Glyptemys insculpta</i>
Bog turtle	<i>Glyptemys muhlenbergii</i>
Chicken turtle	<i>Deirochelys reticularia</i>
Northern pinesnake	<i>Pituophis melanoleucus melanoleucus</i>
<b>Birds</b>	
Bachman's sparrow	<i>Aimophila aestivalis</i>
Henslow's sparrow	<i>Ammodramus henslowii</i>
Upland sandpiper	<i>Bartramia longicauda</i>
Piping plover	<i>Charadrius melodus</i>
Wilson's plover	<i>Charadrius wilsonia</i>
Wayne's black-throated green warbler	<i>Dendroica virens waynei</i>
Peregrine falcon	<i>Falco peregrinus</i>
Loggerhead shrike	<i>Lanius ludovicianus</i>
Black rail	<i>Laterallus jamaicensis</i>
Red crossbill (Type I)	<i>Loxia curvirostra</i>
Red-cockaded woodpecker	<i>Picoides borealis</i>
Appalachian yellow-bellied sapsucker	<i>Sphyrapicus varius appalachiensis</i>
Gull-billed tern	<i>Sterna nilotica</i>
Appalachian Bewick's wren	<i>Thryomanes bewickii</i>
Golden-winged warbler	<i>Vermivora chrysoptera</i>
<b>Mammals</b>	
Carolina northern flying squirrel	<i>Glaucomys sabrinus coloratus</i>
Virginia northern flying squirrel	<i>Glaucomys sabrinus fuscus</i>

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Common Name	Scientific Name
Snowshoe hare	<i>Lepus americanus</i>
Indiana myotis	<i>Myotis sodalis</i>
Eastern big-eared bat	<i>Corynorhinus rafinesquii macrotis</i>

**Aquatic Mollusks**

Birdwing pearlymussel	<i>Lemiox rimosus</i>
Fanshell	<i>Cyprogenia stegaria</i>
Dromedary pearlymussel	<i>Dromus dromas</i>
Cumberland combshell	<i>Epioblasma brevidens</i>
Oyster mussel	<i>Epioblasma capsaeformis</i>
Tan riffleshell	<i>Epioblasma florentina walkeri</i>
Green-blossom pearlymussel	<i>Epioblasma torulosa gubernaculum</i>
Virginia springsnail	<i>Fontigens morrisoni</i>
Shiny pigtoe	<i>Fusconaia cor</i>
Fine-rayed pigtoe	<i>Fusconaia cuneolus</i>
Cracking pearlymussel	<i>Hemistena lata</i>
Unthanks Cave snail	<i>Holsingeria unthanksensis</i>
Pink mucket	<i>Lampsilis abrupta</i>
Virginia pigtoe	<i>Lexingtonia subplana</i>
Little-winged pearlymussel	<i>Pegias fabula</i>
James spiny mussel	<i>Pleurobema collina</i>
Rough pigtoe	<i>Pleurobema plenum</i>
Bottle horn snail	<i>Pleurocera gradata</i>
Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>
Cumberland monkeyface	<i>Quadrula intermedia</i>
Appalachian monkeyface	<i>Quadrula sparsa</i>
Piedmont pond snail	<i>Stagnicola neopalustris</i>
Purple bean	<i>Villosa perpurpurea</i>
Cumberland bean	<i>Villosa trabalis</i>

**Crustaceans**

Cumberland Gap cave amphipod	<i>Bacetrurus angulus</i>
Natural Bridge cave isopod	<i>Caecidotea bowmani</i>
Phreatic isopod	<i>Caecidotea phreatica</i>
Lancaster County amphipod	<i>Crangonyx baculispina</i>
Rye Cove isopod	<i>Lirceus culveri</i>
Lee County cave isopod	<i>Lirceus usdagalun</i>
Ephemeral cave amphipod	<i>Stygobromus ephemerus</i>
Northern Virginia well amphipod	<i>Stygobromus phreaticus</i>
Madison Cave amphipod	<i>Stygobromus stegerorum</i>

**Aquatic Insects**

Manassas stonefly	<i>Acroneuria flinti</i>
Virginia stonefly	<i>Acroneuria kosztarabi</i>
Big stripetail stonefly	<i>Isoperla major</i>
Virginia Piedmont water boatman	<i>Sigara depressa</i>
Cryptic willowfly	<i>Taeniopteryx nelsoni</i>

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<b>Other Aquatic Invertebrates</b>	
A groundwater planarian	<i>Procotyla typhlops</i>
Chandler's planarian	<i>Sphalloplana chandleri</i>
Powell Valley planarian	<i>Sphalloplana consimilis</i>
Rockbridge County cave planarian	<i>Sphalloplana virginiana</i>
A cave lumbriculid worm	<i>Stylodrilus beattiei</i>
<b>Terrestrial Insects</b>	
Arogos skipper	<i>Atrytone arogos arogos</i>
Mitchell's satyr	<i>Neonympha mitchellii</i>
American burying beetle	<i>Nicrophorus americanus</i>
Holsinger's cave beetle	<i>Pseudanophthalmus holsingeri</i>
Buffalo Mountain mealybug	<i>Puto kosztarabi</i>
Appalachian grizzled skipper	<i>Pyrgus centaureae wyandot</i>
Regal fritillary	<i>Speyeria idalia</i>
<b>Other Terrestrial Invertebrates</b>	
Shaggy coil	<i>Helicodiscus diadema</i>
Rubble coil	<i>Helicodiscus lirellus</i>
Spirit supercoil	<i>Paravitrea hera</i>
Brown supercoil	<i>Paravitrea septadens</i>
Virginia fringed mountain snail	<i>Polygyriscus virginianus</i>
Laurel Creek xystodesmid millipede	<i>Sigmoria whiteheadi</i>
<b>Tier II</b>	
<b>Fishes</b>	
Atlantic sturgeon	<i>Acipenser oxyrhynchus</i>
Roanoke bass	<i>Ambloplites cavifrons</i>
Western sand darter	<i>Ammocrypta clara</i>
Greenfin darter	<i>Etheostoma chlorbranchium</i>
Carolina darter	<i>Etheostoma collis</i>
Candy darter	<i>Etheostoma osburni</i>
Variegated darter	<i>Etheostoma variatum</i>
Popeye shiner	<i>Notropis ariommus</i>
Roughhead shiner	<i>Notropis semperasper</i>
Orangefin madtom	<i>Noturus gilberti</i>
Spotted margined madtom	<i>Noturus insignis ssp. 1</i>
Blotchside logperch	<i>Percina burtoni</i>
Longhead darter	<i>Percina macrocephala</i>
A dace	<i>Phoxinus sp. 1</i>
Paddlefish	<i>Polyodon spathula</i>
<b>Amphibians</b>	
Mabee's salamander	<i>Ambystoma mabeei</i>
Mole salamander	<i>Ambystoma talpoideum</i>
Tiger salamander	<i>Ambystoma tigrinum</i>

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Green salamander	<i>Aneides aeneus</i>
Oak toad	<i>Bufo quercicus</i>
Eastern hellbender	<i>Cryptobranchus alleganiensis</i>
Barking treefrog	<i>Hyla gratiosa</i>
Southern zigzag salamander	<i>Plethodon dorsalis</i>
Peaks of Otter salamander	<i>Plethodon hubrichti</i>
Cow Knob salamander	<i>Plethodon punctatus</i>
Weller's salamander	<i>Plethodon welleri</i>
Mountain chorus frog	<i>Pseudacris brachyphona</i>

**Reptiles**

Canebrake rattlesnake	<i>Crotalus horridus</i>
Northern diamond-backed terrapin	<i>Malaclemys terrapin</i>
Eastern glass lizard	<i>Ophisaurus ventralis</i>
Mountain earthsnake	<i>Virginia valeriae pulchra</i>

**Birds**

Northern saw-whet owl	<i>Aegolius acadicus</i>
Saltmarsh sharp-tailed sparrow	<i>Ammodramus caudacutus</i>
American black duck	<i>Anas rubripes</i>
American bittern	<i>Botaurus lentiginosus</i>
Cerulean warbler	<i>Dendroica cerulea</i>
Little blue heron	<i>Egretta caerulea</i>
American oystercatcher	<i>Haematopus palliatus</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Swainson's warbler	<i>Limnothlypis swainsonii</i>
Yellow-crowned night-heron	<i>Nyctanassa violacea</i>
King rail	<i>Rallus elegans</i>
Black skimmer	<i>Rynchops niger</i>
Least tern	<i>Sterna antillarum</i>
Royal tern	<i>Sterna maxima</i>
Appalachian winter wren	<i>Troglodytes troglodytes pullus</i>

**Mammals**

Virginia big-eared bat	<i>Corynorhinus townsendii virginianus</i>
Fisher	<i>Martes pennanti</i>
Southern rock vole	<i>Microtus chrotorrhinus</i>
Gray myotis	<i>Myotis grisescens</i>
Delmarva fox squirrel	<i>Sciurus niger cinereus</i>
American water shrew	<i>Sorex palustris</i>

**Aquatic Mollusks**

Dwarf wedgemussel	<i>Alasmidonta heterodon</i>
Brook floater	<i>Alasmidonta varicosa</i>
Slippershell mussel	<i>Alasmidonta viridis</i>
Spectaclecase	<i>Cumberlandia monodonta</i>
Spider Elimia	<i>Elimia archanoidea spinella</i>

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Coal Elimia	<i>Elimia aterina</i>
Roanoke slabshell	<i>Elliptio roanokensis</i>
Snuffbox	<i>Epioblasma triquetra</i>
Appalachian springsnail	<i>Fontigens bottimeri</i>
Tennessee pigtoe	<i>Fusconaia barnesiana</i>
Atlantic pigtoe	<i>Fusconaia masoni</i>
Tennessee heelsplitter	<i>Lasmigona holstonia</i>
Green floater	<i>Lasmigona subviridis</i>
Slabside pearlymussel	<i>Lexingtonia dolabelloides</i>
Sheepnose	<i>Plethobasus cyphus</i>
Pyramid pigtoe	<i>Pleurobema rubrum</i>
Fluted kidneyshell	<i>Ptychobranchus subtentum</i>
Panhandle pebblesnail	<i>Somatogyrus virginicus</i>
Purple liliput	<i>Toxolasma lividus</i>
Rayed bean	<i>Villosa fabalis</i>

**Crustaceans**

Powell Valley terrestrial cave isopod	<i>Amerigoniscus henroti</i>
Madison Cave isopod	<i>Antrolana lira</i>
Dismal Swamp isopod	<i>Caecidotea attenuatus</i>
Cumberland Gap cave isopod	<i>Caecidotea cumberlandensis</i>
Henrot's cave isopod	<i>Caecidotea henroti</i>
Incurved cave isopod	<i>Caecidotea incurva</i>
Vandel's cave isopod	<i>Caecidotea vandeli</i>
Powell River crayfish	<i>Cambarus jezerinaci</i>
A crayfish	<i>Cambarus veteranus</i>
Bland County amphipod	<i>Crangonyx fontinalis</i>
Rockbridge County cave amphipod	<i>Stygobromus baroodyi</i>
Burnsville Cove cave amphipod	<i>Stygobromus conradi</i>
Cumberland cave amphipod	<i>Stygobromus cumberlandus</i>
Craig County cave amphipod	<i>Stygobromus estesi</i>
Montgomery County cave amphipod	<i>Stygobromus fergusonii</i>
Finley's cave amphipod	<i>Stygobromus finleyi</i>
Alleghany County cave amphipod	<i>Stygobromus hoffmani</i>
New Castle Murder Hole amphipod	<i>Stygobromus interitus</i>
Rock Creek groundwater amphipod	<i>Stygobromus kenki</i>
Lee County cave amphipod	<i>Stygobromus leensis</i>
Morrison's cave amphipod	<i>Stygobromus morrisoni</i>
Bath County cave amphipod	<i>Stygobromus mundus</i>
Pittsylvania well amphipod	<i>Stygobromus obrutus</i>
Pizzini's amphipod	<i>Stygobromus pizzinii</i>
Luray Caverns amphipod	<i>Stygobromus pseudospinosus</i>

**Aquatic Insects**

Spatulate snowfly	<i>Allocapnia simmonsii</i>
Tarter's Ameletus mayfly	<i>Ameletus tarteri</i>
A limnephilid caddisfly	<i>Anabolia apora</i>

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Benfield's bearded small minnow mayfly	<i>Barbaetis benfieldi</i>
Kanawhole springfly	<i>Diploperla kanawholensis</i>
Cherokee clubtail	<i>Gomphus consanguis</i>
Septima's clubtail	<i>Gomphus septima</i>
Skillet clubtail	<i>Gomphus ventricosus</i>
Green-faced clubtail	<i>Gomphus viridifrons</i>
Appalachian stonefly	<i>Hansonoperla appalachia</i>
Maureen's shale stream beetle	<i>Hydraena maureenae</i>
Hoffman's Isonychia mayfly	<i>Isonychia hoffmani</i>
A mayfly	<i>Isonychia tusculanensis</i>
Montane needlefly	<i>Leuctra monticola</i>
Mountain river cruiser	<i>Macromia margarita</i>
Smokies needlefly	<i>Megaleuctra williamsae</i>
Pygmy snaketail	<i>Ophiogomphus howei</i>
Appalachian snaketail	<i>Ophiogomphus incurvatus</i>
A rhyacophilid caddisfly	<i>Rhyacophila tricornuta</i>
Spieth's great speckled olive mayfly	<i>Siphloplecton costalense</i>
Gammon's riffle beetle	<i>Stenelmis gammoni</i>
Elusive clubtail	<i>Stylurus notatus</i>
Holston sallfly	<i>Sweltsa holstonensis</i>
Lobed roachfly	<i>Tallaperla lobata</i>

**Other Aquatic Invertebrates**

A cave lumbriculid worm	<i>Spelaedrilus multiporus</i>
Holsinger's groundwater planarian	<i>Sphalloplana holsingeri</i>
A groundwater planarian	<i>Sphalloplana hypogea</i>
Bigger's groundwater planarian	<i>Sphalloplana subtilis</i>

**Terrestrial Insects**

Smyth's Apamea moth	<i>Apamea smythi</i>
A cave pselaphid beetle	<i>Arianops jeanneli</i>
A cave springtail	<i>Arrhopalites caedus</i>
A cave springtail	<i>Arrhopalites carolynae</i>
A cave springtail	<i>Arrhopalites commorus</i>
A cave springtail	<i>Arrhopalites lacuna</i>
A cave springtail	<i>Arrhopalites pavo</i>
A cave springtail	<i>Arrhopalites sacer</i>
A cave springtail	<i>Arrhopalites silvus</i>
A rove beetle	<i>Atheta trogliphila</i>
Precious underwing	<i>Catocala pretiosa pretiosa</i>
Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>
Persius duskywing	<i>Erynnis persius persius</i>
Dotted skipper	<i>Hesperia attalus slossonae</i>
A cave springtail	<i>Oncopodura hubbardi</i>
Tawny crescent	<i>Phyciodes batesii</i>
Rare skipper	<i>Problema bulenta</i>
Avernus cave beetle	<i>Pseudanophthalmus avernus</i>

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Little Kennedy Cave beetle	<i>Pseudanophthalmus cordicollis</i>
Deceptive cave beetle	<i>Pseudanophthalmus deceptivus</i>
New River Valley cave beetle	<i>Pseudanophthalmus egberti</i>
A cave beetle	<i>Pseudanophthalmus gracilis</i>
Cumberland Gap cave beetle	<i>Pseudanophthalmus hirsutus</i>
Hoffman's cave beetle	<i>Pseudanophthalmus hoffmani</i>
Burkes Garden cave beetle	<i>Pseudanophthalmus hortulanus</i>
Hubbard's cave beetle	<i>Pseudanophthalmus hubbardi</i>
Hubricht's cave beetle	<i>Pseudanophthalmus hubrichti</i>
Crossroads Cave beetle	<i>Pseudanophthalmus intersectus</i>
Mud-dwelling cave beetle	<i>Pseudanophthalmus limicola</i>
Long-headed cave beetle	<i>Pseudanophthalmus longiceps</i>
Nelson's cave beetle	<i>Pseudanophthalmus nelsoni</i>
Thin-neck cave beetle	<i>Pseudanophthalmus parvicollis</i>
Petrunkevitch's cave beetle	<i>Pseudanophthalmus petrunkevitchi</i>
Natural Bridge cave beetle	<i>Pseudanophthalmus pontis</i>
South Branch Valley cave beetle	<i>Pseudanophthalmus potomaca potomaca</i>
Overlooked cave beetle	<i>Pseudanophthalmus praetermissus</i>
Spotted cave beetle	<i>Pseudanophthalmus punctatus</i>
Straley's Cave beetle	<i>Pseudanophthalmus quadratus</i>
Rotund cave beetle	<i>Pseudanophthalmus rotundatus</i>
Saint Paul cave beetle	<i>Pseudanophthalmus sanctipauli</i>
A cave beetle	<i>Pseudanophthalmus seclusus</i>
Silken cave beetle	<i>Pseudanophthalmus sericus</i>
Thomas' cave beetle	<i>Pseudanophthalmus thomasi</i>
Vicariant cave beetle	<i>Pseudanophthalmus vicarius</i>
Maiden Spring cave beetle	<i>Pseudanophthalmus virginicus</i>
A cave springtail	<i>Pseudosinella bona</i>
A cave springtail	<i>Pseudosinella erewhon</i>
A cave springtail	<i>Pseudosinella extra</i>
A cave springtail	<i>Pseudosinella gisini</i>
A cave springtail	<i>Pseudosinella hirsuta</i>
A cave springtail	<i>Typhlogastrura valentini</i>

**Other Terrestrial Invertebrates**

A millipede	<i>Aniulus orientalis</i>
A cave pseudoscorpion	<i>Apochthonius coecus</i>
A cave pseudoscorpion	<i>Apochthonius holsingeri</i>
A millipede	<i>Auturus erythropygos</i>
A funnel-web spider	<i>Barronopsis jeffersi</i>
Cedar millipede	<i>Brachoria cedra</i>
A millipede	<i>Brachoria dentata</i>
Big Cedar Creek millipede	<i>Brachoria falcifera</i>
Hoffman's xystodesmid millipede	<i>Brachoria hoffmani</i>
A millipede	<i>Brachoria insolita</i>
Keeton's millipede	<i>Brachoria laminata</i>
Collinwood millipede	<i>Brachoria mendota</i>

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Turner's millipede	<i>Brachoria turneri</i>
A millipede	<i>Buotus carolinus</i>
Snowhill ambersnail	<i>Catinella hubrichti</i>
A cave pseudoscorpion	<i>Chitrella superba</i>
Faithful millipede	<i>Cleidogona fidelitor</i>
Hoffman's cleidogonid millipede	<i>Cleidogona hoffmani</i>
A millipede	<i>Cleidogona lachesis</i>
Blowing Rock millipede	<i>Cleidogona medialis</i>
Aeto millipede	<i>Conotyla aeto</i>
Celeno millipede	<i>Conotyla celeno</i>
Melinda millipede	<i>Conotyla melinda</i>
Venetia millipede	<i>Conotyla venetia</i>
Brooks millipede	<i>Dixioria brooksi</i>
A millipede	<i>Dixioria fowleri</i>
Montane centipede	<i>Escaryus cryptorobius</i>
Whitetop Mountain centipede	<i>Escaryus orestes</i>
A cave mite	<i>Foveacheles paralleloseta</i>
Rust glyph	<i>Glyphyalinia picea</i>
Maryland glyph	<i>Glyphyalinia raderi</i>
Talus coil	<i>Helicodiscus triodus</i>
Brown globelet	<i>Inflectarius kalmianus</i>
A cave spider	<i>Islandiana muma</i>
A cave pseudoscorpion	<i>Kleptochthonius anophthalmus</i>
A cave pseudoscorpion	<i>Kleptochthonius binoculatus</i>
Gertsch's cave pseudoscorpion	<i>Kleptochthonius gertschi</i>
Lutz's cave pseudoscorpion	<i>Kleptochthonius lutzii</i>
A cave pseudoscorpion	<i>Kleptochthonius proximasetus</i>
A cave pseudoscorpion	<i>Kleptochthonius regulus</i>
A cave pseudoscorpion	<i>Kleptochthonius similes</i>
Blotchy mantleslug	<i>Megapallifera wetherbyi</i>
Balsam globe	<i>Mesodon andrewsae</i>
Valentine's cave pseudoscorpion	<i>Microcreagris valentinei</i>
A cave pseudoscorpion	<i>Mundochthonius holsingeri</i>
Duke Forest xystodesmid millipede	<i>Nannaria conservata</i>
Smith Creek xystodesmid millipede	<i>Nannaria laminata</i>
Shenandoah Mountain xystodesmid millipede	<i>Nannaria shenandoah</i>
A millipede	<i>Nannaria simplex</i>
Holsinger's cave spider	<i>Nesticus holsingeri</i>
A cave spider	<i>Nesticus mimus</i>
A cave spider	<i>Nesticus paynei</i>
A cave spider	<i>Nesticus tennesseensis</i>
Black mantleslug	<i>Pallifera hemphilli</i>
Shrew supercoil	<i>Paravitrea blarina</i>
Comb supercoil	<i>Paravitrea dentilla</i>
Funnel supercoil	<i>Paravitrea mira</i>
Glossy supercoil	<i>Paravitrea placentula</i>
Round supercoil	<i>Paravitrea reesei</i>



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Barred supercoil	<i>Paravitrea seradens</i>
Slender supercoil	<i>Paravitrea subtilis</i>
A millipede	<i>Pseudotremia alecto</i>
A millipede	<i>Pseudotremia armesi</i>
Ellett Valley Pseudotremia millipede	<i>Pseudotremia cavernarum</i>
A millipede	<i>Pseudotremia momus</i>
South Branch Valley cave millipede	<i>Pseudotremia princeps</i>
A millipede	<i>Pseudotremia sublevis</i>
A millipede	<i>Pseudotremia tuberculata</i>
Highland slitmouth	<i>Stenotrema altispira</i>
A millipede	<i>Striaria causeyae</i>
A millipede	<i>Striaria columbiana</i>
A millipede	<i>Striaria granulosa</i>
A millipede	<i>Trichopetalum dux</i>
Hanging Rock threetooth	<i>Triodopsis pendula</i>
Spruce Knob threetooth	<i>Triodopsis picea</i>
Delicate vertigo	<i>Vertigo bollesiana</i>

**Tier III**

**Fishes**

Bluestone sculpin	<i>Cottus sp. 1</i>
Clinch sculpin	<i>Cottus sp. 4</i>
Holston sculpin	<i>Cottus sp. 5</i>
Steelcolor shiner	<i>Cyprinella whipplei</i>
Bluebreast darter	<i>Etheostoma camurum</i>
Kanawha darter	<i>Etheostoma kanawhae</i>
Tippecanoe darter	<i>Etheostoma Tippecanoe</i>
Wounded darter	<i>Etheostoma vulneratum</i>
Ohio lamprey	<i>Ichthyomyzon bdellium</i>
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>
Bigeye jumprock	<i>Moxostoma ariommum</i>
River redhorse	<i>Moxostoma carinatum</i>
Emerald shiner	<i>Notropis atherinoides</i>
Channel darter	<i>Percina copelandi</i>
Fatlips minnow	<i>Phenacobius crassilabrum</i>
Kanawha minnow	<i>Phenacobius teretulus</i>
Blackside dace	<i>Phoxinus cumberlandensis</i>
Rustyside sucker	<i>Thoburnia hamiltoni</i>

**Amphibians**

Shovel-nosed salamander	<i>Desmognathus marmoratus</i>
Pygmy salamander	<i>Desmognathus wrighti</i>
Blue Ridge two-lined salamander	<i>Eurycea wilderae</i>
Mudpuppy	<i>Necturus maculosus</i>
Dwarf waterdog	<i>Necturus punctatus</i>
Shenandoah Mountain salamander	<i>Plethodon virginia</i>
Carpenter frog	<i>Rana virgatipes</i>

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Common Name	Scientific Name
Lesser siren	<i>Siren intermedia</i>

**Reptiles**

Spotted turtle	<i>Clemmys guttata</i>
Eastern black kingsnake	<i>Lampropeltis getula nigra</i>
Smooth greensnake	<i>Opheodrys vernalis</i>
Glossy crayfish snake	<i>Regina rigida rigida</i>
Eastern box turtle	<i>Terrapene carolina</i>
Cumberland slider	<i>Trachemys scripta troostii</i>

**Birds**

Nelson's sharp-tailed sparrow (winter)	<i>Ammodramus nelsoni</i>
Redhead (winter)	<i>Aythya americana</i>
Brant (winter)	<i>Branta bernicla</i>
Northern harrier	<i>Circus cyaneus</i>
Sedge wren (winter)	<i>Cistothorus platensis</i>
Tricolored heron	<i>Egretta tricolor</i>
Least bittern	<i>Ixobrychus exilis</i>
Black-crowned night-heron	<i>Nycticorax nycticorax</i>
Glossy ibis	<i>Plegadis falcinellus</i>
Common tern	<i>Sterna hirundo</i>
Barn owl	<i>Tyto alba</i>

**Mammals**

Eastern small-footed myotis	<i>Myotis leibii</i>
Pungo white-footed mouse	<i>Peromyscus leucopus easti</i>
Southeastern fox squirrel	<i>Sciurus niger niger</i>

**Aquatic Mollusks**

Elktoe	<i>Alasmidonta marginata</i>
Yellow lance	<i>Elliptio lanceolata</i>
Blue Ridge springsnail	<i>Fontigens orolibas</i>
Glossy covert	<i>Fumonelix christyi</i>
Longsolid	<i>Fusconaia subrotunda</i>
Spiny riversnail	<i>Io fluviialis</i>
Yellow lampmussel	<i>Lampsilis cariosa</i>
Black sandshell	<i>Ligumia recta</i>
Chesapeake ambersnail	<i>Oxyloma subeffusum</i>
Ohio pigtoe	<i>Pleurobema cordatum</i>
Tennessee clubshell	<i>Pleurobema oviforme</i>
Brown walker	<i>Pomatiopsis cincinnatiensis</i>
Pygmy slitmouth	<i>Stenotrema pilula</i>
Crossed dome	<i>Ventridens decussatus</i>
Cupped vertigo	<i>Vertigo clappi</i>
Notched rainbow	<i>Villosa constricta</i>

**Crustaceans**

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Common Name	Scientific Name
Greenbrier Valley cave isopod	<i>Caecidotea holsingeri</i>
Southwestern Virginia cave isopod	<i>Caecidotea recurvata</i>
Tennessee Valley cave isopod	<i>Caecidotea richardsonae</i>
An amphipod	<i>Crangonyx acicularis</i>
Appalachian Valley cave amphipod	<i>Crangonyx antennatus</i>
An amphipod	<i>Crangonyx montanus</i>
Lee County terrestrial cave isopod	<i>Ligidium elrodii leensis</i>
Scott County terrestrial cave isopod	<i>Ligidium elrodii scottensis</i>
Chowanoke crayfish	<i>Orconectes virginienis</i>
Racovitza's terrestrial cave isopod	<i>Miktoniscus racovitzai</i>
James Cave amphipod	<i>Stygobromus abditus</i>
Tidewater interstitial amphipod	<i>Stygobromus araeus</i>
Bigger's cave amphipod	<i>Stygobromus biggersi</i>
Shenandoah Valley cave amphipod	<i>Stygobromus gracilipes</i>
Tidewater amphipod	<i>Stygobromus indentatus</i>
Blue Ridge spring amphipod	<i>Stygobromus spinosus</i>

**Aquatic Insects**

Spatterdock damer	<i>Aeshna mutata</i>
Smokies snowfly	<i>Allocapnia fumosa</i>
Illinois snowfly	<i>Allocapnia illinoensis</i>
Blue Ridge snowfly	<i>Allocapnia stannardi</i>
Dusky sallfly	<i>Alloperla biserrata</i>
Vernal sallfly	<i>Alloperla ideii</i>
Tennessee sallfly	<i>Alloperla neglecta</i>
A mayfly	<i>Baetisca rubescens</i>
Appalachian jewelwing	<i>Calopteryx angustipennis</i>
Southern springfly	<i>Cultus decisus isolatus</i>
Virginia springfly	<i>Diploperla morgani</i>
Berner's Ephemerella mayfly	<i>Ephemerella berneri</i>
A mayfly	<i>Ephemerella inconstans</i>
Spine-crowned clubtail	<i>Gomphus abbreviatus</i>
Rapids clubtail	<i>Gomphus quadricolor</i>
A mayfly	<i>Habrophlebiodes celeteria</i>
Rock Island springfly	<i>Isogenoides varians</i>
Georgia Isonychia mayfly	<i>Isonychia georgiae</i>
Mitchell needelfly	<i>Leuctra mitchellensis</i>
Shenandoah needelfly	<i>Megaleuctra flinti</i>
Allegheny snaketail	<i>Ophiogomphus allegheniensis</i>
Brook snaketail	<i>Ophiogomphus aspersus</i>
Bent forestfly	<i>Ostrocerca prolongata</i>
Widecollar stonefly	<i>Paragnetina ichusa</i>
A mayfly	<i>Paraleptophlebia assimilis</i>
A mayfly	<i>Paraleptophlebia jeanae</i>
Blue Ridge stonefly	<i>Perlesta frisoni</i>
Teays stonefly	<i>Perlesta teaysia</i>
Swamp forestfly	<i>Prostoia hallasi</i>

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Common Name	Scientific Name
Spiny salmonfly	<i>Pteronarcys comstocki</i>
Blue Ridge springfly	<i>Remenus kirchneri</i>
A mayfly	<i>Rhithrogena anomala</i>
Appalachian rhyacophilid caddisfly	<i>Rhyacophila appalachia</i>
Shenandoah rhyacophilid caddisfly	<i>Rhyacophila shenandoahensis</i>
Coppery emerald	<i>Somatochlora georgiana</i>
Newfound willowfly	<i>Strophopteryx limata</i>
Virginia sallfly	<i>Sweltsa voshelli</i>
A philopotamid caddisfly	<i>Wormaldia thyria</i>
Highlands springfly	<i>Yugus arinus</i>

**Other Aquatic Invertebrates**

A cave planarian	<i>Geocentrophora cavernicola</i>
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**Terrestrial Insects**

Dusky roadside-skipper	<i>Amblyscirtes alternata</i>
Appalachian grasshopper	<i>Appalachia hebaridi</i>
A cave springtail	<i>Arrhopalites clarus</i>
A cave springtail	<i>Arrhopalites marshalli</i>
Southeastern myotis bat fly	<i>Basilia boardmani</i>
Jefferson's short-nosed scorpionfly	<i>Brachypanorpa jeffersoni</i>
Little metalmark	<i>Calephelis virginiensis</i>
Hessel's hairstreak	<i>Callophrys hesseli</i>
Sweet underwing	<i>Catocala dulciola</i>
Pine barrens underwing	<i>Catocala herodias</i>
Dismal Swamp green stink bug	<i>Chlorochroa dismalia</i>
Riverbank tiger beetle	<i>Cicindela ancocisconensis</i>
Barrens tiger beetle	<i>Cicindela patruela</i>
A ground beetle	<i>Cyclotrachelus incisus</i>
Mottled duskywing	<i>Erynnis martialis</i>
Hebard's noctuid moth	<i>Erythroecia hebaridi</i>
Dukes' skipper	<i>Euphyes dukesi</i>
Palatka skipper	<i>Euphyes pilatka</i>
Puckett's cave dipluran	<i>Litocampa pucketti</i>
Black lordithon rove beetle	<i>Lordithon niger</i>
Doll's Merolonch moth	<i>Merolonche dolli</i>
Brimley's assassin bug	<i>Pnirontis brimleyi</i>
Delicate cave beetle	<i>Pseudanophthalmus delicatus</i>
A cave beetle	<i>Pseudanophthalmus pusio</i>
A cave springtail	<i>Pseudosinella granda</i>
A cave springtail	<i>Schaefferia hubbardi</i>
Sandpit alydid bug	<i>Stachyocnemus apicalis</i>
Chestnut leaf-mining moth	<i>Tischeria perplexa</i>

**Other Terrestrial Invertebrates**

Mountain disc	<i>Anguispira jessica</i>
A cave spider	<i>Anthrobia mammothia</i>

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Common Name	Scientific Name
Robust trapdoor spider	<i>Antrodiaetus robustus</i>
A cave spider	<i>Bathyphantes weyeri</i>
A millipede	<i>Brachoria separanda calcaria</i>
A millipede	<i>Brachoria separanda hamata</i>
A millipede	<i>Brachoria separanda versicolor</i>
A cave pseudoscorpion	<i>Chitrella cavicola</i>
A millipede	<i>Dixioria coronata</i>
Clingman covert	<i>Fumonelix wheatleyi</i>
Bluegrass snaggletooth	<i>Gastrocopta clappi</i>
Appalachia bellytooth	<i>Gastrodonta fonticula</i>
Depressed glyph	<i>Glyphyalinia virginica</i>
Gertsch's lampshade-web spider	<i>Hypochilus gertschi</i>
Shenandoah pseudoscorpion	<i>Kleptochthonius polychaetus</i>
Tiny liptooth	<i>Lobosculum pustuloides</i>
Flat button	<i>Mesomphix subplanus</i>
Cumberland liptooth	<i>Millerelix plicata</i>
A cave centipede	<i>Nampabius turbator</i>
McGraw Gap xystodesmid millipede	<i>Nannaria ericaea</i>
Variable mantleslug	<i>Pallifera varia</i>
Natural Bridge supercoil	<i>Paravitrea pontis</i>
Virginia bladetooth	<i>Patera panselenus</i>
Virginia mantleslug	<i>Philomycus virginicus</i>
A cave mite	<i>Poecilophysis extraneostella</i>
A cave mite	<i>Poecilophysis weyerensis</i>
A millipede	<i>Pseudopolydesmus paludicolous</i>
A cave mite	<i>Rhagidia varia</i>
A millipede	<i>Semionellus placidus</i>
Carinate slitmouth	<i>Stenotrema spinosum</i>
Grand Caverns blind cave millipede	<i>Trichopetalum weyeriensis</i>
Luray Caverns blind cave millipede	<i>Trichopetalum whitei</i>
Carter threetooth	<i>Triodopsis anteridon</i>
A millipede	<i>Uroblaniulus jerseyi</i>
Bidentate dome	<i>Ventridens coelaxis</i>
Rounded dome	<i>Ventridens lawae</i>
Smallmouth vertigo	<i>Vertigo parvula</i>
Five-tooth vertigo	<i>Vertigo ventricosa</i>

**Tier IV**

**Fishes**

Mud sunfish	<i>Acantharcus pomotis</i>
Alewife	<i>Alosa pseudoharengus</i>
American shad	<i>Alosa sapidissima</i>
Snail bullhead	<i>Ameiurus brunneus</i>
American eel	<i>Anguilla rostrata</i>
Freshwater drum	<i>Aplodinotus grunniens</i>
Swampfish	<i>Chologaster cornuta</i>
Black sculpin	<i>Cottus baileyi</i>

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<b>Common Name</b>	<b>Scientific Name</b>
Slimy sculpin	<i>Cottus cognatus</i>
Thicklip chub	<i>Cyprinella labrosa</i>
Banded sunfish	<i>Enneacanthus obesus</i>
Streamline chub	<i>Erimystax dissimilis</i>
Blotched chub	<i>Erimystax insignis</i>
Lake chubsucker	<i>Erimyzon sucetta</i>
Rainbow darter	<i>Etheostoma caeruleum</i>
Riverweed darter	<i>Etheostoma podostemone</i>
Speckled darter	<i>Etheostoma stigmaeum</i>
Swannanoa darter	<i>Etheostoma swannanoa</i>
Banded darter	<i>Etheostoma zonale</i>
Northern studfish	<i>Fundulus catenatus</i>
Lined topminnow	<i>Fundulus lineolatus</i>
Speckled killifish	<i>Fundulus rathbuni</i>
Highback chub	<i>Hybopsis hypsinotus</i>
Roanoke hog sucker	<i>Hypentelium roanokense</i>
Brook silverside	<i>Labidesthes sicculus</i>
Least brook lamprey	<i>Lampetra aepyptera</i>
American brook lamprey	<i>Lampetra appendix</i>
Mountain shiner	<i>Lythrurus lirus</i>
Pearl dace	<i>Margariscus margarita</i>
Smallfin redhorse	<i>Moxostoma robustum</i>
Whitemouth shiner	<i>Notropis alborus</i>
Ironcolor shiner	<i>Notropis chalybaeus</i>
Redlip shiner	<i>Notropis chiliticus</i>
New River shiner	<i>Notropis scabriceps</i>
Sawfin shiner	<i>Notropis sp. A</i>
Mirror shiner	<i>Notropis spectrunculus</i>
Sand shiner	<i>Notropis stramineus</i>
Mountain madtom	<i>Noturus eleutherus</i>
Stonecat	<i>Noturus flavus</i>
Tangerine darter	<i>Percina aurantiaca</i>
Logperch	<i>Percina caprodes</i>
Piedmont darter	<i>Percina crassa</i>
Gilt darter	<i>Percina evides</i>
Appalachia darter	<i>Percina gymnocephala</i>
Blackside darter	<i>Percina maculata</i>
Sharpnose darter	<i>Percina oxyrhynchus</i>
Dusky darter	<i>Percina sciera</i>
Trout-perch	<i>Percopsis omiscomaycus</i>
Suckermouth minnow	<i>Phenacobius mirabilis</i>
Stargazing minnow	<i>Phenacobius uranops</i>
Bullhead minnow	<i>Pimephales vigilax</i>
Sauger	<i>Stizostedion canadense</i>
<b>Amphibians</b>	
Jefferson salamander	<i>Ambystoma jeffersonianum</i>

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Common Name	Scientific Name
Blue Ridge dusky salamander	<i>Desmognathus orestes</i>
Cumberland Plateau salamander	<i>Plethodon kentucki</i>
Yonahlossee salamander	<i>Plethodon yonahlossee</i>
New Jersey chorus frog	<i>Pseudacris feriarum</i>
Striped southern chorus frog	<i>Pseudacris nigrita</i>
Little grass frog	<i>Pseudacris ocularis</i>
Eastern mud salamander	<i>Pseudotriton montanus</i>
Eastern spadefoot	<i>Scaphiopus holbrookii</i>
Greater siren	<i>Siren lacertina</i>
Many-lined salamander	<i>Stereochilus marginatus</i>

**Reptiles**

Spiny softshell	<i>Apalone spinifera</i>
Scarletsnake	<i>Cemophora coccinea</i>
Timber rattlesnake	<i>Crotalus horridus</i>
Mudsnake	<i>Farancia abacura</i>
Rainbow snake	<i>Farancia erytrogramma</i>
Northern map turtle	<i>Graptemys geographica</i>
Eastern hog-nosed snake	<i>Heterodon platirhinos</i>
Eastern slender glass lizard	<i>Ophisaurus attenuatus</i>
Queen snake	<i>Regina septemvittata</i>
Stripe-necked musk turtle	<i>Sternotherus minor peltifer</i>
Southeastern crowned snake	<i>Tantilla coronata coronata</i>
Common ribbonsnake	<i>Thamnophis sauritus sauritus</i>
Yellow-bellied slider	<i>Trachemys scripta scripta</i>

**Birds**

Seaside sparrow	<i>Ammodramus maritimus</i>
Grasshopper sparrow	<i>Ammodramus savannarum</i>
Greater scaup (winter)	<i>Aythya marila</i>
Green heron	<i>Butorides striatus</i>
Dunlin (winter)	<i>Calidris alpina</i>
Red knot (migrant)	<i>Calidris canutus</i>
Purple sandpiper (winter)	<i>Calidris maritima</i>
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
Whip-poor-will	<i>Caprimulgus vociferus</i>
Bicknell's thrush (migrant)	<i>Catharus bicknelli</i>
Brown creeper	<i>Certhia americana</i>
Chimney swift	<i>Chaetura pelagica</i>
Marsh wren	<i>Cistothorus palustris</i>
Yellow-billed cuckoo	<i>Coccyzus americanus</i>
Northern bobwhite	<i>Colinus virginianus</i>
Eastern wood-pewee	<i>Contopus virens</i>
Yellow rail (migrant)	<i>Coturnicops noveboracensis</i>
Prairie warbler	<i>Dendroica discolor</i>
Kirtland's warbler (migrant)	<i>Dendroica kirtlandii</i>
Yellow warbler	<i>Dendroica petechia</i>

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Common Name	Scientific Name
Gray catbird	<i>Dumetella carolinensis</i>
Willow flycatcher	<i>Empidonax traillii</i>
Rusty blackbird (migrant)	<i>Euphagus carolinus</i>
Worm-eating warbler	<i>Helmitheros vermivorus</i>
Wood thrush	<i>Hylocichla mustelina</i>
Yellow-breasted chat	<i>Icteria virens</i>
Short-billed dowitcher (migrant)	<i>Limnodromus griseus</i>
Marbled godwit (migrant)	<i>Limosa fedoa</i>
Hudsonian godwit (migrant)	<i>Limosa haemastica</i>
Black-and-white warbler	<i>Mniotilta varia</i>
Whimbrel (migrant)	<i>Numenius phaeopus</i>
Kentucky warbler	<i>Oporornis formosus</i>
Northern parula	<i>Parula americana</i>
Rose-breasted grosbeak	<i>Pheuctitus ludovicianus</i>
Eastern towhee	<i>Pipilo erythrophthalmus</i>
Scarlet tanager	<i>Piranga olivacea</i>
Black-bellied plover (winter)	<i>Pluvialis squatarola</i>
Horned grebe (winter)	<i>Podiceps auritus</i>
Prothonotary warbler	<i>Protonotaria citrea</i>
Virginia rail	<i>Rallus limicola</i>
Clapper rail	<i>Rallus longirostris</i>
American woodcock	<i>Scolopax minor</i>
Ovenbird	<i>Seiurus aurocapillus</i>
Louisiana waterthrush	<i>Seiurus motacilla</i>
Brown-headed nuthatch	<i>Sitta pusilla</i>
Field sparrow	<i>Spizella pusilla</i>
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
Roseate tern (migrant)	<i>Sterna dougallii</i>
Forster's tern	<i>Sterna forsteri</i>
Eastern meadowlark	<i>Sturnella magna</i>
Brown thrasher	<i>Toxostoma rufum</i>
Eastern kingbird	<i>Tyrannus tyrannus</i>
Yellow-throated vireo	<i>Vireo flavifrons</i>
Canada warbler	<i>Wilsonia canadensis</i>

**Mammals**

Least weasel	<i>Mustela nivalis</i>
Southeastern myotis	<i>Myotis austroriparius</i>
Allegheny woodrat	<i>Neotoma magister</i>
Cotton mouse	<i>Peromyscus gossypinus</i>
Long-tailed shrew	<i>Sorex dispar</i>
Dismal Swamp southeastern shrew	<i>Sorex longirostris fisheri</i>
Eastern spotted skunk	<i>Spilogale putorius</i>
Appalachian cottontail	<i>Sylvilagus obscurus</i>
Marsh rabbit	<i>Sylvilagus palustris</i>
Southern bog lemming	<i>Synaptomys cooperi</i>



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Common Name	Scientific Name
<b>Aquatic Mussels</b>	
Triangle floater	<i>Alasmidonta undulata</i>
Alewife floater	<i>Anodonta implicata</i>
Gravel elimia	<i>Elimia catenaria</i>
Carolina lance mussel	<i>Elliptio angustata</i>
Carolina slabshell mussel	<i>Elliptio congaraea</i>
Elephant ear	<i>Elliptio crassidens</i>
Northern lance mussel	<i>Elliptio fisheriana</i>
Atlantic spike	<i>Elliptio producta</i>
Oblong ancyloid	<i>Ferrissia parallelus</i>
Dusky Fossaria	<i>Fossaria dalli</i>
Pocketbook mussel	<i>Lampsilis ovata</i>
Fragile papershell	<i>Leptodea fragilis</i>
Tidewater mucket	<i>Leptodea ochracea</i>
Seep mudalia	<i>Leptoxis dilatata</i>
Onyx rocksnail	<i>Leptoxis praerosa</i>
Eastern pondmussel	<i>Ligumia nasuta</i>
Ridged lioplax	<i>Lioplax subcarinata</i>
Cumberland moccasin	<i>Medionidus conradicus</i>
Pearl supercoil	<i>Paravitrea calcicola</i>
Round peaclam	<i>Pisidium equilaterale</i>
Pagoda hornsnail	<i>Pleurocera uncialis</i>
Sharp sprite	<i>Promenetus exacuous</i>
Pimple back	<i>Quadrula pustulosa pustulosa</i>
Creeper	<i>Strophitus undulatus</i>
Pistolgrip	<i>Tritogonia verrucosa</i>
Deertoe	<i>Truncilla truncata</i>
Florida pondhorn	<i>Uniomerus caroliniana</i>
Three-ridge valvata	<i>Valvata tricarinata</i>
Mountain creekshell mussel	<i>Villosa vanuxemensis</i>
<b>Crustaceans</b>	
Price's cave isopod	<i>Caecidotea pricei</i>
Clinch River crayfish	<i>Cambarus angularis</i>
Bunting's crayfish	<i>Cambarus buntingi</i>
New River riffle crayfish	<i>Cambarus chasmodactylus</i>
A crayfish	<i>Cambarus longirostris</i>
Monongahela crayfish	<i>Cambarus monongalensis</i>
A crayfish	<i>Cambarus parvovulus</i>
Scioto crayfish	<i>Cambarus sciotensis</i>
Northern spring amphipod	<i>Gammarus pseudolimnaeus</i>
Ohio River shrimp	<i>Macrobrachium ohione</i>
A crayfish	<i>Orconectes cristivarius</i>
A crayfish	<i>Orconectes erichsonianus</i>
Sturgeon crayfish	<i>Orconectes forceps</i>
A crayfish	<i>Orconectes obscurus</i>
Southwestern Virginia cave amphipod	<i>Stygobromus mackini</i>

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Common Name	Scientific Name
<b>Aquatic Insects</b>	
Canada darner	<i>Aeshna canadensis</i>
Lance-tipped darner	<i>Aeshna constricta</i>
Black-tipped darner	<i>Aeshna tuberculifera</i>
Green-striped darner	<i>Aeshna verticalis</i>
Tufted sallfly	<i>Alloperla banksi</i>
Swannanoa sallfly	<i>Alloperla nanina</i>
Allegheny mayfly	<i>Ameletus cryptostimulus</i>
Two-striped forceptail	<i>Aphylla williamsoni</i>
Lilypad clubtail	<i>Arigomphus furcifer</i>
Smoky willowfly	<i>Bolotoperla rossi</i>
River jewelwing	<i>Calopteryx aequabilis</i>
Superb jewelwing	<i>Calopteryx amata</i>
Martha's pennant	<i>Celithemis martha</i>
Faded pennant	<i>Celithemis ornata</i>
Delta-spotted spiketail	<i>Cordulegaster diastatops</i>
American emerald	<i>Cordulia shurtleffi</i>
Regal darner	<i>Coryphaeschna ingens</i>
Northern bluet	<i>Enallagma cyathigerum</i>
Burgundy bluet	<i>Enallagma dubium</i>
Marsh bluet	<i>Enallagma ebrium</i>
Hagen's bluet	<i>Enallagma hageni</i>
Pale bluet	<i>Enallagma pallidum</i>
Blackwater bluet	<i>Enallagma weewa</i>
Beaverpond baskettail	<i>Epithea canis</i>
Stripe-winged baskettail	<i>Epithea costalis</i>
Mantled baskettail	<i>Epithea semiaquea</i>
Robust baskettail	<i>Epithea spinosa</i>
Moustached clubtail	<i>Gomphus adelphus</i>
Banner clubtail	<i>Gomphus apomyius</i>
Beaverpond clubtail	<i>Gomphus borealis</i>
Harpoon clubtail	<i>Gomphus descriptus</i>
Midland clubtail	<i>Gomphus fraternus</i>
Piedmont clubtail	<i>Gomphus parvidens</i>
Sable clubtail	<i>Gomphus rogersi</i>
Selys' sundragon	<i>Helocordulia selysii</i>
A mayfly	<i>Isonychia arida</i>
A mayfly	<i>Isonychia serrata</i>
Schwarz' diving beetle	<i>Laccophilus schwarzi</i>
White corporal skimmer	<i>Ladona exusta</i>
Chalk-fronted corporal skimmer	<i>Ladona julia</i>
Northern pygmy clubtail	<i>Lanthus parvulus</i>
Johnson's pronggill mayfly	<i>Leptophlebia johnsoni</i>
Northern common spreadwing	<i>Lestes disjunctus</i>
Emerald spreadwing	<i>Lestes dryas</i>
Carolina spreadwing	<i>Lestes vidua</i>

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<b>Common Name</b>	<b>Scientific Name</b>
Frosted whiteface	<i>Leucorrhinia frigida</i>
Hudsonian whiteface	<i>Leucorrhinia hudsonica</i>
Dot-tailed whiteface	<i>Leucorrhinia intacta</i>
Red-waisted whiteface	<i>Leucorrhinia proxima</i>
A water strider	<i>Limnoporus dissortis</i>
Allegheny river cruiser	<i>Macromia alleghaniensis</i>
Pitcher plant midge	<i>Metriocnemus knabi</i>
Elfin skimmer	<i>Nannothemis bella</i>
Sphagnum sprite	<i>Nehalennia gracilis</i>
Southern sprite	<i>Nehalennia integricollis</i>
Sedge sprite	<i>Nehalennia irene</i>
A limnephilid caddisfly	<i>Nemotaulius hostilis</i>
A water scorpion	<i>Nepa apiculata</i>
Cinnamon shadowdragon	<i>Neurocordulia virginiensis</i>
Stygian shadowdragon	<i>Neurocordulia yamaskanensis</i>
Riffle snaketail	<i>Ophiogomphus carolus</i>
Maine snaketail	<i>Ophiogomphus mainensis</i>
Notched forestfly	<i>Ostrocerca complexa</i>
White sand-river mayfly	<i>Pseudiron centralis</i>
Carolina salmonfly	<i>Pteronarcys scotti</i>
Acuminate water boatman	<i>Ramphocorixa acuminata</i>
Drake's water scorpion	<i>Ranatra drakei</i>
Ski-tailed emerald	<i>Somatochlora elongata</i>
Fine-lined emerald	<i>Somatochlora filosa</i>
Treetop emerald	<i>Somatochlora provocans</i>
Williamson's emerald	<i>Somatochlora williamsoni</i>
Riverine clubtail	<i>Stylurus amnicola</i>
Laura's clubtail	<i>Stylurus laurae</i>
Zebra clubtail	<i>Stylurus scudderi</i>
Variiegated meadowhawk	<i>Sympetrum corruptum</i>
Jane's meadowhawk	<i>Sympetrum janeae</i>
White-faced meadowhawk	<i>Sympetrum obtrusum</i>
Gray petaltail	<i>Tachopteryx thoreyi</i>
Southeastern roachfly	<i>Tallaperla cornelia</i>
Southern pitcher plant mosquito	<i>Wyeomyia haynei</i>

**Other Aquatic Invertebrates**

A branchiobdelid worm	<i>Ankyrodrilus legacus</i>
A cave obligate worm	<i>Cambarincola fallax</i>

**Terrestrial Insects**

Barrens dagger moth	<i>Acronicta albarufa</i>
Mississippi turtle bug	<i>Allopodops mississippiensis</i>
A cane moth	<i>Argillophora furcilla</i>
A rove beetle	<i>Atheta annexa</i>
A mirid bug	<i>Bothynotus johnstoni</i>
Northern metalmark	<i>Calephelis borealis</i>

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Common Name	Scientific Name
A leaf beetle	<i>Calligrapha pnirsa</i>
Frosted elfin	<i>Callophrys irus</i>
Hoary elfin	<i>Callophrys polios</i>
Consort underwing	<i>Catocala consors sorsconi</i>
Marbled underwing	<i>Catocala marmorata</i>
Orange-bellied tiger beetle	<i>Cicindela abdominalis</i>
A tiger beetle	<i>Cicindela formosa generosa</i>
A tiger beetle	<i>Cicindela gratiosa</i>
Spectral tiger beetle	<i>Cicindela lepida</i>
A tiger beetle	<i>Cicindela limbalis</i>
Pink-edged sulphur	<i>Colias interior</i>
Combneck assassin bug	<i>Ctenotrachelus shermani</i>
Six-banded longhorn beetle	<i>Dryobius sexnotatus</i>
Hercules club stink bug	<i>Elasmostethus atricornis</i>
Early hairstreak	<i>Erora laeta</i>
Milne's Euchlaena moth	<i>Euchlaena milnei</i>
Two-spotted skipper	<i>Euphyes bimacula</i>
Black dash	<i>Euphyes conspicua</i>
Mixed dart moth	<i>Euxoa immixta</i>
Pink-streak moth	<i>Faronta rubripennis</i>
A cane moth	<i>Franclimontia interrogans</i>
A shield bug	<i>Galgupha denudata</i>
A noctuid moth	<i>Hadena ectypa</i>
Rare spring moth	<i>Heliomata infulata</i>
Buchholz's gray moth	<i>Hypomecis buchholzaria</i>
Lemmer's pinion moth	<i>Lithophane lemmeri</i>
A geometrid moth	<i>Lophosis labeculata</i>
Bronze copper	<i>Lycaena hyllus</i>
A geometrid moth	<i>Lytrosis permagnaria</i>
Yucca giant-skipper	<i>Megathymus yuccae</i>
A spur-throat grasshopper	<i>Melanoplus pachycercus</i>
A noctuid moth	<i>Meropleon titan</i>
Tuscarora emerald	<i>Nemoria tuscarora</i>
Georgia satyr	<i>Neonympha areolata</i>
A turtle bug	<i>Oncozygia clavicornis</i>
A noctuid moth	<i>Oxycilla mitographa</i>
Yellow stoneroot borer moth	<i>Papaipema astuta</i>
Dark stoneroot borer moth	<i>Papaipema duplicata</i>
A ground beetle	<i>Phloeoxena signata</i>
An assassin bug	<i>Ploiaria hirticornis</i>
Long dash	<i>Polites mystic</i>
Southern Ptichodis moth	<i>Ptichodis bistrigata</i>
Yellow-edged Pygarctia moth	<i>Pygarctia abdominalis</i>
A ground beetle	<i>Rhadine caudata</i>
King's hairstreak	<i>Satyrium kingi</i>
Northern bush katydid	<i>Scudderia septentrionalis</i>
Diana fritillary	<i>Speyeria diana</i>

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Schaum's ground beetle	<i>Sphaeroderus schaumii</i>
Chestnut clearwing moth	<i>Synanthedon castaneae</i>
A noctuid moth	<i>Zale curema</i>
<b>Other Terrestrial Invertebrates</b>	
A millipede	<i>Abacion tessalatum</i>
An amaurobiid spider	<i>Amaurobius borealis</i>
Southeastern wandering spider	<i>Anahita punctulata</i>
A millipede	<i>Apheloria virginiensis</i>
A millipede	<i>Boraria infesta</i>
Hungry mother millipede	<i>Brachoria ethotela</i>
A millipede	<i>Brachoria separanda</i>
A two-clawed hunting spider	<i>Castianeira trilineata</i>
A millipede	<i>Chaetaspis albus</i>
A millipede	<i>Cherokia georgiana latassa</i>
A two-clawed hunting spider	<i>Clubiona spiralis</i>
A millipede	<i>Desmonus earlei</i>
Black Mountain disc	<i>Discus nigrimontanus</i>
A gnaphosid spider	<i>Drassyllus louisianus</i>
A centipede	<i>Escaryus ethopus</i>
Lowland pillsnail	<i>Euchemotrema leai</i>
A millipede	<i>Euryurus leachi fraternus</i>
Crablike spiny orb weaver	<i>Gasteracantha cancriformis</i>
Slim snaggletooth	<i>Gastrocopta pellucida</i>
Brilliant glyph	<i>Glyphyalinia praecox</i>
Suborb glyph	<i>Glyphyalinia sculptilis</i>
A gnaphosid spider	<i>Gnaphosa fontinalis</i>
A millipede	<i>Gyalostethus monticolens</i>
Twilight coil	<i>Helicodiscus multidentis</i>
Temperate coil	<i>Helicodiscus shimeki</i>
Cherrystone drop	<i>Hendersonia occulta</i>
Pocock's lampshade-web spider	<i>Hypochilus pococki</i>
Thorell's lampshade-web spider	<i>Hypochilus thorelli</i>
A wolf spider	<i>Lycosa lenta</i>
Yellow globelet snail	<i>Mesodon clausus</i>
Proud globe	<i>Mesodon elevatus</i>
Wrinkled button	<i>Mesomphix rugeli</i>
A millipede	<i>Nannaria wilsoni</i>
A millipede	<i>Okeanobates americanus</i>
A millipede	<i>Onomeris underwoodi</i>
A millipede	<i>Orinisobates nigrior</i>
Smooth bladetooth	<i>Patera laevior</i>
A millipede	<i>Petaserpes rosalbus</i>
A millipede	<i>Petaserpes strictus</i>
A nursery-web spider	<i>Pisaurina dubia</i>
A millipede	<i>Pseudotremia valga</i>
Widespread column	<i>Pupilla muscorum</i>

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<b>Common Name</b>	<b>Scientific Name</b>
A millipede	<i>Rudiloria kleinpeteri</i>
A millipede	<i>Rudiloria trimaculata tortua</i>
A millipede	<i>Scytonotus virginicus</i>
Atlantic purse-web spider	<i>Sphodros atlanticus</i>
Coyle's purse-web spider	<i>Sphodros coylei</i>
Black purse-web spider	<i>Sphodros niger</i>
Red-legged purse-web spider	<i>Sphodros rufipes</i>
Ribbed striate	<i>Striatura exigua</i>
Fine-ribbed striate	<i>Striatura milium</i>
A millipede	<i>Thalassiosobates littoralis</i>
A millipede	<i>Trichomeris sinuata</i>
A millipede	<i>Trichopetalum lunatum</i>
Packard's blind cave millipede	<i>Trichopetalum packardi</i>
Pittsylvania three-tooth	<i>Triodopsis burchi</i>
Baffled three-tooth	<i>Triodopsis fradulenta</i>
Pinhole threetooth	<i>Triodopsis messana</i>
Buttressed threetooth	<i>Triodopsis rugosa</i>
Budded three-tooth	<i>Triodopsis tennesseensis</i>
A millipede	<i>Uroblaniulus canadensis</i>
Carolina scorpion	<i>Vaejovis carolinianus</i>
Trumpet vallonina	<i>Vallonia parvula</i>
Golden dome	<i>Ventridens arcellus</i>
Hollow dome	<i>Ventridens lasmodon</i>
Yellow dome	<i>Ventridens pilsbryi</i>
Palmetto vertigo	<i>Vertigo oralis</i>
Ovate vertigo snail	<i>Vertigo ovata</i>
Swamp vertigo	<i>Vertigo teskeyae</i>
A millipede	<i>Virgoiulus minutus</i>
Glassy grapeskin	<i>Vitrinizonites latissimus</i>
Emerton's crab spider	<i>Xysticus emertoni</i>