



Virginia Department of Wildlife Resources

Special Status Faunal Species in Virginia

Threatened and Endangered Faunal Species

<u>Common Name</u>	<u>Scientific Name</u>	<u>Federal</u> ¹	<u>State</u> ¹	<u>WAP</u> ¹ <u>Tier</u>	<u>WAP</u> ¹ <u>Rank</u>
<u>FRESHWATER FISHES</u>					
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	FE	SE	I	b
Blackbanded Sunfish	<i>Enneacanthus chaetodon</i>		SE	I	a
Blackside Dace	<i>Chrosomus cumberlandensis</i>	FT	ST	II	a
Candy Darter	<i>Etheostoma osburni</i>	FE	SE	I	a
Carolina Darter	<i>Etheostoma collis</i>		ST	II	c
Clinch Dace	<i>Chrosomus sp. cf. saylori</i>		SE	I	a
Duskytail Darter	<i>Etheostoma percunum</i>	FE	SE	I	a
Golden Darter	<i>Nothonotus denoncourtii</i>		ST	II	b
Greenfin Darter	<i>Nothonotus chlorobranchius</i>		ST	I	a
Orangefin Madtom	<i>Noturus gilberti</i>		ST	II	b
Paddlefish	<i>Polyodon spathula</i>		ST	IV	c
Roanoke Logperch	<i>Percina rex</i>		SE	II	a
Sharphead Darter	<i>Nothonotus acuticeps</i>		SE	I	a
Shortnose Sturgeon	<i>Acipenser brevirostrum</i>	FE	SE	I	c
Sickle Darter	<i>Percina williamsi</i>	FT	ST	I	c
Slender Chub	<i>Erimystax cahni</i>	FT	ST	I	c
Spotfin Chub	<i>Erimonax monachus</i>	FT	ST	I	a
Steelcolor Shiner	<i>Cyprinella whipplei</i>		ST	II	c
Tennessee Dace	<i>Chrosomus tennesseensis</i>		SE	I	a
Variegated Darter	<i>Etheostoma variatum</i>		SE	II	a
Western Sand Darter	<i>Ammocrypta clara</i>		ST	IV	c
Whitemouth Shiner	<i>Miniellus alborus</i>		ST	II	c
Yellowfin Madtom	<i>Noturus flavipinnis</i>	FT	ST	I	a
<u>AMPHIBIANS</u>					
Eastern Hellbender	<i>Cryptobranchus alleganiensis alleganiensis</i>	FP	CC	I	a
Eastern Tiger Salamander	<i>Ambystoma tigrinum</i>		SE	I	a
Mabee's Salamander	<i>Ambystoma mabeei</i>		ST	II	a
Shenandoah Salamander	<i>Plethodon shenandoah</i>	FE	SE	I	c
<u>REPTILES</u>					
Bog Turtle	<i>Glyptemys muhlenbergii</i>	FT(S/A)	SE	I	a

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Canebrake Rattlesnake (Coastal Plain population of Timber Rattlesnake)	<i>Crotalus horridus</i>		SE	I	a
Eastern Chicken Turtle	<i>Deirochelys reticularia reticularia</i>		SE	I	a
Eastern Glass Lizard	<i>Ophisaurus ventralis</i>		ST	II	a
Green Sea Turtle	<i>Chelonia mydas</i>	FT	ST	III	a
Kemp's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	FE	SE	I	a
Leatherback Sea Turtle	<i>Dermochelys coriacea</i>	FE	SE	III	b
Loggerhead Sea Turtle	<i>Caretta caretta</i>	FT	ST	I	a
Wood Turtle	<i>Glyptemys insculpta</i>		ST	I	a
<u>BIRDS</u>					
Bachman's Sparrow	<i>Peucaea aestivalis</i>		ST	I	a
Eastern Black Rail	<i>Laterallus jamaicensis jamaicensis</i>	FT	SE	I	a
Gull-Billed Tern	<i>Gelochelidon nilotica</i>		ST	I	a
Henslow's Sparrow	<i>Centronyx henslowii</i>		ST	I	b
Loggerhead Shrike	<i>Lanius ludovicianus</i>		ST	I	a
Peregrine Falcon	<i>Falco peregrinus</i>		ST	I	a
Piping Plover	<i>Charadrius melodus</i>	FT	ST	I	a
Red-Cockaded Woodpecker	<i>Dryobates borealis</i>	FT	SE	I	a
Rufa Red Knot	<i>Calidris canutus rufa</i>	FT	ST	I	a
Wilson's Plover	<i>Anarhynchus wilsonia</i>		SE	I	a
<u>MAMMALS</u>					
American Water Shrew	<i>Sorex palustris</i>		SE	II	a
Carolina Northern Flying Squirrel	<i>Glaucomys sabrinus coloratus</i>	FE	SE	I	a
Gray Bat	<i>Myotis grisescens</i>	FE	SE	IV	a
Indiana Bat	<i>Myotis sodalis</i>	FE	SE	I	a
Little Brown Bat	<i>Myotis lucifugus</i>		SE	I	a
Northern Long-Eared Bat	<i>Myotis septentrionalis</i>	FE	SE	I	a
Rafinesque's Eastern Big-Eared Bat	<i>Corynorhinus rafinesquii macrotis</i>		SE	IV	a
Rock Vole	<i>Microtus chrotorrhinus</i>		SE	II	a
Snowshoe Hare	<i>Lepus americanus virginianus</i>		SE	I	a
Tricolored (=Tri-colored) Bat	<i>Perimyotis subflavus</i>	FP	SE	III	a
Virginia Big-Eared Bat	<i>Corynorhinus townsendii virginianus</i>		SE	I	a

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<u>MOLLUSKS</u>					
<u>Freshwater Mussels</u>					
Appalachian Rockshell (=Appalachian Monkeyface (pearlymussel))	<i>Theliderma sparsa</i>	FE	SE	I	a
Atlantic Pigtoe	<i>Fusconaia masoni</i>	FT	ST	I	a
Birdwing Pearlymussel	<i>Lemiox rimosus</i>	FE	SE	I	a
Black Sandshell	<i>Ligumia recta</i>		ST	III	a
Brook Floater	<i>Alasmidonta varicosa</i>		SE	I	a
Cracking Pearlymussel	<i>Hemistena lata</i>	FE	SE	I	b
Cumberland Moccasinshell Mussel	<i>Medionidus conradicus</i>	FP		II	a
Cumberland Rockshell (=Cumberland Monkeyface)	<i>Theliderma intermedia</i>	FE	SE	I	a
Cumberlandian Combshell	<i>Epioblasma brevidens</i>	FE	SE	I	a
Deertoe	<i>Truncilla truncata</i>		SE	I	b
Dromedary Pearlymussel	<i>Dromus dromas</i>	FE	SE	I	a
Dwarf Wedgemussel	<i>Prolasmidonta heterodon</i>	FE	SE	I	a
Elephantear	<i>Elliptio crassidens</i>		SE	II	b
Fanshell	<i>Cyprogenia stegaria</i>	FE	SE	I	a
Finerayed Pigtoe	<i>Fusconaia cuneolus</i>	FE	SE	I	a
Fluted Kidneyshell	<i>Ptychobranhus subtentus</i>	FE	SE	II	a
Fragile Papershell	<i>Potamilus fragilis</i>		ST	II	c
Golden Riffleshell	<i>Epioblasma aureola</i>	FE	SE	I	c
Green Floater	<i>Platynaias subviridis</i>	FP	ST	I	a
James Spinymussel	<i>Parvaspina collina</i>	FE	SE	I	a
Littlewing Pearlymussel	<i>Pegias fabula</i>	FE	SE	I	c
Longsolid	<i>Fusconaia subrotunda</i>	FT	ST	II	b
Ohio Pigtoe	<i>Pleurobema cordatum</i>		SE	II	c
Oyster Mussel	<i>Epioblasma capsaeformis</i>	FE	SE	I	a
Pimpleback	<i>Pustulosa pustulosa</i>		ST	III	b
Pink Mucket (pearlymussel)	<i>Lampsilis abrupta</i>	FE	SE	I	a
Pistolgrip	<i>Quadrula verrucosa</i>		ST	II	b
Purple Bean	<i>Villosa perpurpurea</i>	FE	SE	I	a
Purple Lilliput	<i>Toxolasma lividum</i>		SE	II	b
Rayed Bean	<i>Paetulunio fabalis</i>	FE	SE	I	b
Rough Pigtoe	<i>Pleurobema plenum</i>	FE	SE	I	a
Rough Rabbitsfoot	<i>Theliderma cylindrica</i>	FE	SE	I	a
Sheepnose Mussel	<i>Plethobasus cyphus</i>	FE	SE	II	a

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Shiny Pigtoe	<i>Fusconaia cor</i>	FE	SE	I	a
Slabside Pearlymussel	<i>Pleuroaia dolabelloides</i>	FE	SE	I	a
Slippershell Mussel	<i>Pressodonta viridis</i>		SE	I	b
Snuffbox Mussel	<i>Epioblasma triquetra</i>	FE	SE	I	a
Spectaclecase	<i>Cumberlandia monodonta</i>	FE	SE	I	b
Tennessee Bean (=Cumberland Bean; =Purple Bean)	<i>Venustaconcha trabalis</i> (=Villosa trabalis; =Villosa perpurpurea)	FE	SE	I	a
Tennessee Clubshell	<i>Pleurobema oviforme</i>	FP		II	b
Tennessee Heelsplitter	<i>Alasminota holstonia</i>		SE	II	b
Tennessee Pigtoe	<i>Pleuroaia barnesiana</i>	FP		II	b
Yellow Lance	<i>Elliptio lanceolata</i>	FT	ST	I	a

Freshwater & Land Snails & Other Gastropods

Brown Supercoil	<i>Paravitrea septadens</i>		ST	I	a
Morrison's (=Virginia; =no common name) Springsnail	<i>Fontigens morrisoni</i>		SE	I	a
Potomac (=Appalachian) Springsnail	<i>Fontigens bottimeri</i>		SE	I	a
Rubble Coil	<i>Helicodiscus lirellus</i>		SE	I	a
Shaggy Coil	<i>Helicodiscus diadema</i>		SE	I	a
Spider Elimia	<i>Elimia arachnoidea</i>		SE	I	a
Spiny Riversnail	<i>Io fluvialis</i>		ST	III	a
Spirit Supercoil	<i>Paravitrea hera</i>		SE	I	a
Thankless Ghostsnail	<i>Holsingeria unthinksensis</i>		SE	I	a
Virginia Fringed Mountain Snail	<i>Polygyriscus virginianus</i>	FE	SE	I	a

FRESHWATER CRUSTACEANS

Big Sandy Crayfish	<i>Cambarus callainus</i>	FT	ST	I	a
Lee County Cave Isopod	<i>Lirceus usdagalun</i>	FE	SE	II	a
Madison Cave Amphipod	<i>Stygobromus stegerorum</i>		ST	I	b
Madison Cave Isopod	<i>Antrolana lira</i>	FT	ST	III	b

MILLIPEDES

Ellett Valley Pseudotremia	<i>Pseudotremia cavernarum</i>		ST	I	c
Laurel Creek Xystodesmid Millipede	<i>Apheloria whiteheadi</i>		ST	I	c

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<u>ARACHNIDS</u>					
Spruce-Fir Moss Spider	<i>Microhexura montivaga</i>	FE	SE	I	c
<u>INSECTS</u> ²					
Appalachian Grizzled Skipper	<i>Pyrgus wyandot</i>		ST	I	a
Bethany Beach Firefly	<i>Photuris bethaniensis</i>	FP		I	c
Holsinger's Cave Beetle	<i>Pseudanophthalmus holsingeri</i>		SE	I	b
Hupp's Hill Cave Beetle	<i>Pseudanophthalmus parvicollis</i>		SE	I	b
Mitchell's Satyr Butterfly	<i>Neonympha mitchellii</i>	FE	SE	I	a
Monarch Butterfly	<i>Danaus plexippus plexippus</i>	FP		IV	a
Northeastern Beach Tiger Beetle	<i>Habroscelimorpha dorsalis dorsalis</i>	FT	ST	I	a
Rusty Patched Bumble Bee	<i>Bombus affinis</i>	FE	SE	I	a
Thomas' Cave Beetle	<i>Pseudanophthalmus thomasi</i>		SE	I	c
Virginia Piedmont Water Boatman	<i>Sigara depressa</i>		SE	I	c

² all insects listed as federal or state endangered or threatened are protected by regulations that fall under the Virginia Department of Agriculture and Consumer Services' jurisdiction

MARINE MAMMALS

Blue Whale	<i>Balaenoptera musculus</i>	FE	SE		
Finback Whale	<i>Balaenoptera physalus</i>	FE	SE	IV	b
Humpback Whale	<i>Megaptera novaeangliae</i>	FE	SE	III	b
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	FE	SE	I	b
Sei Whale	<i>Balaenoptera borealis</i>	FE	SE		
Sperm Whale	<i>Physeter catodon</i> (= <i>macrocephalus</i>)	FE	SE		
West Indian Manatee	<i>Trichechus manatus</i>	FT	ST	IV	b

For further information or details regarding this list or any species listed herein, please contact:

Ecosystem Conservation Program
 Virginia Department of Wildlife Resources
Physical Address: 7870 Villa Park Dr, Suite 400
Mailing Address: P. O. Box 90778
 Henrico, VA 23228
 (804) 367-1185

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<u>FISHES</u>			
Alewife	<i>Alosa pseudoharengus</i>	IV	a
Allegheny Pearl Dace	<i>Margariscus margarita</i>	IV	b
American Brook Lamprey	<i>Lethenteron appendix</i>	IV	c
American Eel	<i>Anguilla rostrata</i>	II	a
American Shad	<i>Alosa sapidissima</i>	II	b
Appalachia Darter	<i>Percina gymnocephala</i>	III	c
Ashy Darter	<i>Allohistium cinereum</i>	I	b
Atlantic Croaker	<i>Micropogonias undulatus</i>	IV	a
Atlantic Herring	<i>Clupea harengus</i>	III	a
Atlantic Menhaden	<i>Brevoortia tyrannus</i>	IV	a
Bigeye Jumprock	<i>Moxostoma ariommum</i>	III	c
Bigeye Thresher Shark	<i>Alopias superciliosus</i>	III	c
Black Drum	<i>Pogonias cromis</i>	IV	a
Black Sculpin	<i>Cottus baileyi</i>	IV	c
Black Sea bass	<i>Centropristis striata</i>	IV	a
Blackside Darter	<i>Percina maculata</i>	III	c
Blotched Chub	<i>Erimystax insignis</i>	III	c
Blotchside Logperch	<i>Percina burtoni</i>	II	a
Blueback Herring	<i>Alosa aestivalis</i>	I	b
Bluefin Tuna	<i>Thunnus thynnus</i>	IV	a
Bluefish	<i>Pomatomus saltatrix</i>	III	a
Blueside Darter	<i>Etheostoma jessiae</i>	III	c
Bluestone Sculpin	<i>Cottus sp. 1</i>	III	a
Bridle Shiner	<i>Notropis bifrenatus</i>	I	a
Brook Silverside	<i>Labidesthes sicculus</i>	III	c
Brook Trout	<i>Salvelinus fontinalis</i>	IV	a
Bullhead Minnow	<i>Pimephales vigilax</i>	IV	c
Carolina Fantail Darter	<i>Etheostoma brevispinum</i>	IV	c
Channel Darter	<i>Percina copelandi</i>	II	c
Clinch Sculpin	<i>Cottus sp. 4</i>	III	c
Common Thresher Shark	<i>Alopias vulpinus</i>	III	c
Cownose Ray	<i>Rhinoptera bonasus</i>	IV	c
Dusky Darter	<i>Percina sciera</i>	III	c
Dusky Shark	<i>Carcharhinus obscurus</i>	I	c
Fatlips Minnow	<i>Phenacobius crassilabrum</i>	II	c
Freshwater Drum	<i>Aplodinotus grunniens</i>	II	c
Great Hammerhead	<i>Sphyrna mokarran</i>	III	c

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Hickory Shad	<i>Alosa mediocris</i>	IV	a
Highback Chub	<i>Hybopsis hysinotus</i>	IV	c
Highfin Shiner	<i>Hudsonius altipinnis</i>	IV	c
Holston Sculpin	<i>Cottus sp. 5</i>	III	c
Ironcolor Shiner	<i>Alburnops chalybaeus</i>	III	c
Kanawha Darter	<i>Etheostoma kanawhae</i>	III	c
Kanawha Minnow	<i>Phenacobius teretulus</i>	III	c
Lake Chubsucker	<i>Erimyzon sucetta</i>	III	c
Lined Topminnow	<i>Fundulus lineolatus</i>	IV	c
Longear Sunfish	<i>Lepomis megalotis</i>	IV	b
Longfin Darter	<i>Etheostoma longimanum</i>	IV	c
Mirror Shiner	<i>Paranotropis spectrunculus</i>	II	c
Mountain Brook Lamprey	<i>Ichthyomyzon greeleyi</i>	III	c
Mountain Madtom	<i>Noturus eleutherus</i>	IV	c
Mountain Shiner	<i>Lythrurus lirus</i>	IV	c
Mud Sunfish	<i>Acantharchus pomotis</i>	IV	c
Piedmont Darter	<i>Percina crassa</i>	IV	c
Popeye Shiner	<i>Notropis ariommus</i>	II	c
River Redhorse	<i>Moxostoma carinatum</i>	IV	b
Roanoke Bass	<i>Ambloplites cavifrons</i>	I	a
Roughhead Shiner	<i>Notropis semperasper</i>	I	b
Rustyside Sucker	<i>Thoburnia hamiltoni</i>	III	c
Sand Shiner	<i>Miniellus stramineus</i>	IV	c
Sand Tiger Shark	<i>Carcharias taurus</i>	III	c
Sandbar Shark	<i>Carcharhinus plumbeus</i>	III	c
Sauger	<i>Sander canadensis</i>	III	b
Scalloped Hammerhead	<i>Sphyrna lewini</i>	III	c
Scarlet Shiner	<i>Lythrurus fasciolaris</i>	IV	c
Sharpnose Darter	<i>Percina oxyrinchus</i>	II	c
Shortfin Mako Shark	<i>Isurus oxyrinchus</i>	III	c
Silky Shark	<i>Carcharhinus falciformis</i>	III	c
Silver Redhorse	<i>Moxostoma anisurum</i>	III	c
Slimy Sculpin	<i>Cottus cognatus</i>	IV	c
Smallmouth Redhorse	<i>Moxostoma breviceps</i>	IV	b
Smooth Hammerhead	<i>Sphyrna zygaena</i>	III	c
Snail Bullhead	<i>Ameiurus brunneus</i>	III	c
Speckled Killifish	<i>Fundulus rathbuni</i>	IV	c
Spiny Dogfish	<i>Squalus acanthias</i>	III	b
Spotted Seatrout	<i>Cynoscion nebulosus</i>	IV	b
Stonecat	<i>Noturus flavus</i>	III	c

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Striped Bass	<i>Morone saxatilis</i>	III	a
Suckermouth Minnow	<i>Phenacobius mirabilis</i>	IV	c
Swannanoa Darter	<i>Etheostoma swannanoa</i>	IV	b
Tautog	<i>Tautoga onitis</i>	III	b
Tiger Shark	<i>Galeocerdo cuvier</i>	III	c
Tonguetied Minnow	<i>Exoglossum laurae</i>	III	c
Weakfish	<i>Cynoscion regalis</i>	II	a
White Shark	<i>Carcharodon carcharias</i>	III	c
Winter Skate	<i>Leucoraja ocellata</i>	IV	c

AMPHIBIANS

Barking Treefrog	<i>Dryophytes gratiosus</i>	III	a
Big Levels Salamander	<i>Plethodon sherando</i>	I	c
Blacksburg Salamander	<i>Plethodon jacksoni</i>	I	c
Blue Ridge Dusky Salamander	<i>Desmognathus orestes</i>	IV	c
Blue Ridge Two-Lined Salamander	<i>Eurycea wilderae</i>	III	a
Carpenter Frog	<i>Lithobates virgatipes</i>	III	a
Cow Knob Salamander	<i>Plethodon punctatus</i>	I	a
Cumberland Plateau Salamander	<i>Plethodon kentucki</i>	IV	c
Dixie Caverns Salamander	<i>Plethodon dixi</i>	I	a
Dwarf Waterdog	<i>Necturus punctatus</i>	III	a
Eastern Mud Salamander	<i>Pseudotriton montanus montanus</i>	IV	a
Greater Siren	<i>Siren lacertina</i>	IV	a
Green Salamander	<i>Aneides aeneus</i>	III	b
Lesser Siren	<i>Siren intermedia</i>	III	a
Little Grass Frog	<i>Pseudacris ocularis</i>	IV	a
Many-Lined Salamander	<i>Stereochilus marginatus</i>	IV	a
Mole Salamander	<i>Ambystoma talpoideum</i>	II	a
Mudpuppy	<i>Necturus maculosus</i>	III	a
New Jersey Chorus Frog	<i>Pseudacris kalmi</i>	IV	c
Northern Pygmy Salamander	<i>Desmognathus organi</i>	III	c
Northern Shovel-Nosed Salamander	<i>Desmognathus marmoratus</i>	III	a
Oak Toad	<i>Anaxyrus quercicus</i>	II	a
Peaks Of Otter Salamander	<i>Plethodon hubrichti</i>	I	a
Shenandoah Mountain Salamander	<i>Plethodon virginia</i>	III	c
Southern Chorus Frog	<i>Pseudacris nigrita</i>	IV	c
Southern Zigzag Salamander	<i>Plethodon ventralis</i>	II	c
Wehrle's Salamander	<i>Plethodon wehrlei</i>	III	b

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Weller's Salamander	<i>Plethodon welleri</i>	II	b
Yellow-Spotted Woodland Salamander	<i>Plethodon pauleyi</i>	I	c
Yonahlossee Salamander	<i>Plethodon yonahlossee</i>	IV	c

REPTILES

Common Rainbow Snake	<i>Farancia erytrogramma erytrogramma</i>	III	a
Common Ribbonsnake	<i>Thamnophis saurita saurita</i>	IV	a
Cumberland Slider	<i>Trachemys scripta troostii</i>	III	c
Eastern Black Kingsnake	<i>Lampropeltis nigra</i>	III	c
Eastern Glossy Swampsnake	<i>Liodytes rigida rigida</i>	I	c
Eastern Hog-Nosed Snake	<i>Heterodon platirhinos</i>	III	c
Eastern Mudsake	<i>Farancia abacura abacura</i>	IV	a
Eastern Pinesnake	<i>Pituophis melanoleucus</i>	I	a
Eastern Slender Glass Lizard	<i>Ophisaurus attenuatus longicaudus</i>	III	a
Mountain Earthsnake	<i>Virginia valeriae pulchra</i>	II	c
Northern Diamondback Terrapin	<i>Malaclemys terrapin terrapin</i>	II	a
Northern Map Turtle	<i>Graptemys geographica</i>	IV	a
Northern Scarletsake	<i>Cemophora coccinea copei</i>	IV	a
Northern Spiny Softshell	<i>Apalone spinifera spinifera</i>	IV	a
Scarlet Kingsnake	<i>Lampropeltis elapsoides</i>	III	c
Smooth Greensake	<i>Opheodrys vernalis</i>	III	a
Southeastern Crowned Snake	<i>Tantilla coronata</i>	IV	a
Spotted Turtle	<i>Clemmys guttata</i>	III	a
Timber Rattlesake	<i>Crotalus horridus (Timber Rattlesake)</i>	III	a
Woodland Box Turtle	<i>Terrapene carolina carolina</i>	III	a
Yellow-Bellied Slider	<i>Trachemys scripta scripta</i>	IV	b

BIRDS

American Barn Owl	<i>Tyto furcata</i>	I	a
American Black Duck	<i>Anas rubripes</i>	II	a
American Herring Gull	<i>Larus smithsonianus</i>	II	b
American Kestrel	<i>Falco sparverius sparverius</i>	II	a
American Oystercatcher	<i>Haematopus palliatus</i>	III	a
American Woodcock	<i>Scolopax minor</i>	I	a
Appalachian Winter Wren	<i>Troglodytes hiemalis</i>	III	c
Bank Swallow	<i>Riparia riparia</i>	III	b
Belted Kingfisher	<i>Megasceryle alcyon</i>	III	b

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Bicknell's Thrush	<i>Catharus bicknelli</i>	IV	a
Black Skimmer	<i>Rynchops niger</i>	III	a
Black-And-White Warbler	<i>Mniotilta varia</i>	IV	b
Black-Bellied Plover	<i>Pluvialis squatarola</i>	IV	a
Boat-Tailed Grackle	<i>Quiscalus major</i>	III	a
Bobolink	<i>Dolichonyx oryzivorus</i>	III	a
Brant	<i>Branta bernicla brota</i>	III	a
Canada Warbler	<i>Cardellina canadensis</i>	I	b
Cerulean Warbler	<i>Setophaga cerulea</i>	II	a
Chimney Swift	<i>Chaetura pelagica</i>	IV	b
Chuck-will's-widow	<i>Antrostomus carolinensis</i>	III	b
Clapper Rail	<i>Rallus crepitans</i>	IV	b
Common Grackle	<i>Quiscalus quiscula</i>	IV	a
Common Nighthawk	<i>Chordeiles minor</i>	I	b
Common Tern	<i>Sterna hirundo</i>	II	a
Dickcissel	<i>Spiza americana</i>	II	a
Dunlin	<i>Calidris alpina hudsonia</i>	IV	a
Eastern Kingbird	<i>Tyrannus tyrannus</i>	IV	a
Eastern Meadowlark	<i>Sturnella magna</i>	IV	b
Eastern Screech-owl	<i>Megascops asio</i>	IV	b
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	IV	a
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	III	b
Eastern Wood-Pewee	<i>Contopus virens</i>	IV	b
Field Sparrow	<i>Spizella pusilla</i>	IV	a
Forster's Tern	<i>Sterna forsteri</i>	II	b
Glossy Ibis	<i>Plegadis falcinellus</i>	I	a
Golden Eagle	<i>Aquila chrysaetos</i>	I	a
Golden-Winged Warbler	<i>Vermivora chrysoptera</i>	I	a
Grasshopper Sparrow	<i>Ammodramus savannarum pratensis</i>	IV	b
Gray Catbird	<i>Dumetella carolinensis</i>	IV	a
Green Heron	<i>Butorides virescens</i>	II	b
Hermit Thrush	<i>Catharus guttatus</i>	III	b
Horned Lark	<i>Eremophila alpestris</i>	III	a
Hudsonian Whimbrel	<i>Numenius hudsonicus</i>	III	b
Kentucky Warbler	<i>Geothlypis formosa</i>	III	b
King Rail	<i>Rallus elegans</i>	I	b
Laughing Gull	<i>Leucophaeus atricilla</i>	III	b
Least Flycatcher	<i>Empidonax minimus</i>	II	a
Least Tern	<i>Sternula antillarum</i>	III	a
Little Blue Heron	<i>Egretta caerulea caerulea</i>	I	a

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Marbled Godwit	<i>Limosa fedoa</i>	IV	a
Marsh Wren	<i>Cistothorus palustris</i>	III	b
Nelson's Sparrow	<i>Ammodramus nelsoni</i>	III	b
Northern Bobwhite	<i>Colinus virginianus</i>	III	a
Northern Flicker	<i>Colaptes auratus</i>	III	b
Northern Gannet	<i>Morus bassanus</i>	IV	a
Northern Harrier	<i>Circus hudsonius</i>	III	b
Northern Mockingbird	<i>Mimus polyglottos</i>	IV	a
Northern Rough-Winged Swallow	<i>Stelgidopteryx serripennis</i>	III	c
Prairie Warbler	<i>Setophaga discolor</i>	IV	a
Purple Sandpiper	<i>Calidris maritima</i>	IV	b
Red-Throated Loon	<i>Gavia stellata</i>	IV	b
Red-Winged Blackbird	<i>Agelaius phoeniceus</i>	IV	a
Ruffed Grouse	<i>Bonasa umbellus</i>	III	a
Rusty Blackbird	<i>Euphagus carolinus</i>	IV	c
Saltmarsh Sparrow	<i>Ammodramus caudacuta</i>	II	a
Sanderling	<i>Calidris alba</i>	IV	a
Savannah (Ipswich Subspecies) Sparrow	<i>Passerculus sandwichensis princeps</i>	I	a
Savannah Sparrow	<i>Passerculus sandwichensis</i>	II	a
Short-Billed Dowitcher	<i>Limnodromus griseus</i>	IV	a
Snowy Egret	<i>Egretta thula</i>	II	a
Tricolored Heron	<i>Egretta tricolor</i>	II	a
Veery	<i>Catharus fuscescens</i>	III	b
Vesper Sparrow	<i>Pooecetes gramineus</i>	I	a
Virginia Rail	<i>Rallus limicola</i>	III	b
Wayne's Warbler	<i>Setophaga virens waynei</i>	I	b
Willet (Western)	<i>Tringa semipalmata inornata</i>	IV	a
Wood Thrush	<i>Hylocichla mustelina</i>	IV	a
Yellow Warbler	<i>Setophaga petechia</i>	III	b
Yellow-Breasted Chat	<i>Icteria virens virens</i>	IV	a

MAMMALS

Allegheny Woodrat	<i>Neotoma magister</i>	IV	a
Appalachian Cottontail	<i>Sylvilagus obscurus</i>	IV	a
Cotton Deermouse	<i>Peromyscus gossypinus gossypinus</i>	IV	a
Delmarva Peninsula Fox Squirrel	<i>Sciurus niger cinereus</i>	II	a
Eastern Red Bat	<i>Lasiurus borealis</i>	IV	a

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Eastern Small-Footed Myotis	<i>Myotis leibii</i>	IV	a
Eastern Spotted Skunk	<i>Spilogale putorius putorius</i>	IV	a
Hoary Bat	<i>Lasiurus cinereus</i>	IV	a
Long-Tailed (= Rock) Shrew	<i>Sorex dispar</i>	IV	c
Marsh Rabbit	<i>Sylvilagus palustris palustris</i>	IV	a
Pungo White-Footed Mouse	<i>Peromyscus leucopus easti</i>	III	c
Silver-Haired Bat	<i>Lasionycteris noctivagans</i>	IV	a
Southeastern Fox Squirrel	<i>Sciurus niger niger</i>	III	a
Southeastern Myotis	<i>Myotis austroriparius</i>	IV	a
Virginia Northern Flying Squirrel	<i>Glaucomys sabrinus fuscus</i>	I	a

MARINE MAMMALS

Bottlenose Dolphin	<i>Tursiops truncatus</i>	III	b
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MOLLUSKS

Freshwater Mussels & Peacocks

Adam Pea Clam	<i>Pisidium adamsi</i>	IV	b
Alewite Floater	<i>Utterbackiana implicata</i>	IV	a
Carolina Slabshell Mussel	<i>Elliptio congrua</i>	III	a
Creeper	<i>Strophitus undulatus</i>	IV	a
Eastern Lampmussel	<i>Lampsilis radiata</i>	IV	a
Eastern Pondmussel	<i>Sagittunio nasutus</i>	III	a
Elktoe	<i>Alasmodonta marginata</i>	II	b
Flutedshell	<i>Lasmigona costata</i>	IV	b
Greater Eastern Pea Clam	<i>Pisidium dubium</i>	IV	b
Notched Rainbow	<i>Venustaconcha constricta</i>	III	a
Pheasantshell Mussel	<i>Lampsilis pectorosa</i>	III	a
Pink Heelsplitter Mussel	<i>Potamilus alatus</i>	III	b
Pocketbook Mussel	<i>Lampsilis ovata</i>	IV	a
Roanoke Slabshell	<i>Elliptio roanokensis</i>	II	b
Round Pigtoe Mussel	<i>Pleurobema sintoxia</i>	I	a
Threeridge	<i>Amblema plicata</i>	III	b
Tidewater Mucket	<i>Atlanticoncha ochracea</i>	III	a
Triangle Floater Mussel	<i>Alasmodonta undulata</i>	IV	a
Walker Pea Clam	<i>Pisidium walkeri</i>	IV	b
Yellow Lampmussel	<i>Lampsilis cariosa</i>	II	a

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<u>Freshwater & Land Snails & Other</u>			
<u>Gastropods</u>			
Appalachia Bellytooth	<i>Gastrodonta fonticula</i>	III	a
Baffled Threetooth Snail	<i>Triodopsis fraudulenta</i>	IV	a
Balsam Globe	<i>Mesodon andrewsae</i>	I	a
Banded Globe	<i>Anguispira kochi</i>	IV	a
Barred Supercoil	<i>Paravitrea seradens</i>	II	a
Bidentate Dome	<i>Ventridens coelaxis</i>	II	a
Black Mantleslug	<i>Pallifera hemphilli</i>	II	a
Blotchy Mantleslug	<i>Megapallifera wetherbyi</i>	II	a
Blue Ridge Springsnail	<i>Fontigens orolibas</i>	III	a
Blunt Ambersnail	<i>Oxyloma retusum</i>	IV	a
Bottle Hornsnail	<i>Pleurocera gradata</i>	I	a
Brown Globelet	<i>Inflectarius kalmianus</i>	III	a
Budded Threetooth Snail	<i>Triodopsis tennesseensis</i>	IV	a
Carter Threetooth	<i>Triodopsis anteridon</i>	III	a
Cherrystone Drop Snail	<i>Hendersonia occulta</i>	IV	a
Chesapeake Ambersnail	<i>Oxyloma subeffusum</i>	III	a
Coal Elimia	<i>Elimia aterina</i>	II	a
Cricket Coil Snail	<i>Helicodiscus hadenoecus</i>	III	a
Cumberland Liptooth	<i>Daedalochila plicata</i>	IV	a
Cupped Vertigo Snail	<i>Vertigo clappi</i>	I	a
Depressed Glyph	<i>Glyphyalinia virginica</i>	III	a
Flat Button Snail	<i>Mesomphix subplanus</i>	III	a
Glossy Covert	<i>Fumonelix christyi</i>	III	a
Glossy Supercoil	<i>Paravitrea placentula</i>	III	a
Golden Dome Snail	<i>Ventridens arcellus</i>	IV	a
Gravel Elimia Snail	<i>Elimia catenaria</i>	III	a
Highland Slitmouth	<i>Stenotrema altispira</i>	I	a
Hollow Dome Snail	<i>Ventridens lasmodon</i>	IV	a
Lamellate Supercoil	<i>Paravitrea lamellidens</i>	II	a
Maryland Glyph	<i>Glyphyalinia raderi</i>	II	a
Mountain Disc	<i>Anguispira jessica</i>	I	a
Mudbank Ambersnail	<i>Mediappendix vagans</i>	III	a
Natural Bridge Supercoil Snail	<i>Paravitrea pontis</i>	III	a
Organ Cavesnail	<i>Fontigens tartarea</i>	I	a
Panhandle Pebblesnail	<i>Somatogyryrus virginicus</i>	II	a
Pittsylvania Threetooth Snail	<i>Triodopsis burchi</i>	III	a
Proud Globe Snail	<i>Mesodon elevatus</i>	IV	a
Pygmy Slitmouth	<i>Stenotrema pilula</i>	III	a

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Ribbed Striate Snail	<i>Striatura exigua</i>	IV	a
Roanoke Slabshell	<i>Elliptio roanokensis</i>	II	b
Round Supercoil	<i>Paravitrea reesei</i>	III	a
Rust Glyph	<i>Glyphyalinia picea</i>	II	a
Sawtooth Disc	<i>Discus bryanti</i>	III	a
Seep Mudalia Snail	<i>Leptoxis dilatata</i>	IV	a
Sharp Sprite Snail	<i>Promenetus exacuus</i>	IV	a
Shrew Supercoil	<i>Paravitrea blarina</i>	I	a
Slender Supercoil	<i>Paravitrea subtilis</i>	I	a
Smallmouth Vertigo	<i>Vertigo parvula</i>	III	a
Smooth Bladetooth Snail	<i>Patera laevior</i>	IV	a
Smooth Mudalia	<i>Leptoxis virgata</i>	II	a
Spruce Knob Threetooth	<i>Triodopsis picea</i>	I	a
Swamp Vertigo Snail	<i>Vertigo teskeyae</i>	IV	a
Talus Coil	<i>Helicodiscus triodus</i>	I	a
Temperate Coil Snail	<i>Helicodiscus shimeki</i>	IV	a
Twilight Coil	<i>Helicodiscus multidentis</i>	III	a
Variable Mantle Slug	<i>Pallifera varia</i>	III	a
Virginia Bladetooth	<i>Patera panselenus</i>	III	a
Virginia Mantleslug	<i>Philomycus virginicus</i>	III	a
Wrinkled Button Snail	<i>Mesomphix rugeli</i>	I	a
Yellow Dome Snail	<i>Ventridens pilsbryi</i>	IV	a
Yellow Globelet Snail	<i>Mesodon clausus</i>	IV	a

CRUSTACEANS

Alleghany County Cave Amphipod	<i>Stygobromus hoffmani</i>	II	b
Allegheny Crayfish	<i>Faxonius obscurus</i>	IV	b
Allegheny Mountain Mudbug	<i>Cambarus fetzneri</i>	I	b
an amphipod	<i>Crangonyx montanus</i>	III	c
Appalachian Valley Cave Amphipod	<i>Crangonyx antennatus</i>	IV	c
Bath County Cave Amphipod	<i>Stygobromus mundus</i>	II	c
Big Stone Crayfish	<i>Cambarus magerae</i>	I	b
Bigger's Cave Amphipod	<i>Stygobromus biggersi</i>	II	c
Bland County Amphipod	<i>Crangonyx fontinalis</i>	II	c
Blue Crab	<i>Callinectes sapidus</i>	III	a
Blue Ridge Spring Amphipod	<i>Stygobromus spinosus</i>	IV	c
Burkes Garden Cave Isopod	<i>Caecidotea burkensis</i>	I	c
Burnsville Cove Cave Amphipod	<i>Stygobromus conradi</i>	II	c
Capital Area Groundwater Amphipod	<i>Stygobromus sextarius</i>	II	c

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Carolina Ladle Crayfish	<i>Cambarus davidi</i>	IV	b
Chowanoke Crayfish	<i>Faxonius virginiensis</i>	III	b
Craig County Cave Amphipod	<i>Stygobromus estesi</i>	IV	c
Cumberland Cave Amphipod	<i>Stygobromus cumberlandus</i>	III	c
Cumberland Gap Cave Amphipod	<i>Bactrurus angulus</i>	I	c
Cumberland Gap Cave Isopod	<i>Caecidotea cumberlandensis</i>	I	c
Digger Crayfish	<i>Creaserinus fodiens</i>	II	a
Ephemeral Cave Amphipod	<i>Stygobromus ephemerus</i>	I	c
Finley's Cave Amphipod	<i>Stygobromus finleyi</i>	II	c
Henrot's Cave Isopod	<i>Caecidotea henroti</i>	II	c
Hupp's Hill Cave Amphipod	<i>Stygobromus hubbardi</i>	I	b
Incurved Cave Isopod	<i>Caecidotea incurva</i>	III	c
James Cave Amphipod	<i>Stygobromus abditus</i>	III	c
Kenk's (Rock Creek Groundwater) Amphipod	<i>Stygobromus kenki</i>	II	c
Lancaster County Amphipod	<i>Crangonyx baculispina</i>	II	c
Lee County Cave Amphipod	<i>Stygobromus leensis</i>	I	c
Longclaw Crayfish	<i>Cambarus buntingi</i>	III	b
Luray Caverns Amphipod	<i>Stygobromus pseudospinosus</i>	I	b
Maus' Cave Isopod	<i>Caecidotea mausi</i>	II	c
Montgomery County Cave Amphipod	<i>Stygobromus fergusonii</i>	II	c
Morrison's Cave Amphipod	<i>Stygobromus morrisoni</i>	II	c
Natural Bridge Cave Isopod	<i>Caecidotea bowmani</i>	II	c
New River Crayfish	<i>Cambarus chasmodactylus</i>	II	b
Nickajack Cave Isopod	<i>Caecidotea nickajackensis</i>	I	c
Northern Virginia Well Amphipod	<i>Stygobromus phreaticus</i>	I	c
Phreatic Isopod	<i>Caecidotea phreatica</i>	II	c
Pizzini's Amphipod	<i>Stygobromus pizzinii</i>	II	c
Powell Valley Terrestrial Isopod	<i>Amerigoniscus henroti</i>	III	c
Rappahannock Spring Amphipod	<i>Stygobromus foliatus</i>	III	c
Reticulate Crayfish	<i>Faxonius erichsonianus</i>	III	b
Rockbridge County Cave Amphipod	<i>Stygobromus barodyi</i>	II	c
Round Hill Cave Amphipod	<i>Stygobromus mausi</i>	I	c
Rye Cove Isopod	<i>Lirceus culveri</i>	I	b
Shenandoah Valley Cave Amphipod	<i>Stygobromus gracilipes</i>	IV	c
Spiny Cheek Crayfish	<i>Faxonius limosus</i>	III	b
Spiny Scale Crayfish	<i>Cambarus jezerinaci</i>	II	b
Surgeon Crayfish	<i>Faxonius forceps</i>	IV	b
Tidewater Amphipod	<i>Stygobromus indentatus</i>	IV	c
Tidewater Interstitial Amphipod	<i>Stygobromus araeus</i>	IV	c

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<u>Common Name</u>	<u>Scientific Name</u>	<u>WAP¹ Tier</u>	<u>WAP¹ Rank</u>
Tug Valley Crayfish	<i>Cambarus hatfieldi</i>	II	b
Vandel's Cave Isopod	<i>Caecidotea vandeli</i>	IV	c

MILLIPEDES & CENTIPEDES

a cave obligate millipede	<i>Pseudotremia deprehendor</i>	II	c
a millipede	<i>Aniulus orientalis</i>	IV	c
a millipede	<i>Appalachioria versicolor</i>	IV	c
a millipede	<i>Daphnedesmus coronata</i>	III	c
a millipede	<i>Daphnedesmus fowleri</i>	III	b
a millipede	<i>Nannaria simplex</i>	II	c
a millipede	<i>Nannaria wilsoni</i>	II	c
a millipede	<i>Okeanobates americanus</i>	IV	c
a millipede	<i>Petaserpes strictus</i>	IV	c
a millipede	<i>Pseudopolydesmus paludicolous</i>	III	c
a millipede	<i>Pseudotremia armesi</i>	II	c
a millipede	<i>Pseudotremia momus</i>	II	c
a millipede	<i>Pseudotremia sublevis</i>	II	c
a millipede	<i>Pseudotremia tuberculata</i>	II	c
a millipede	<i>Pseudotremia valga</i>	II	c
a millipede	<i>Rudiloria kleinpeteri</i>	IV	c
a millipede	<i>Rudiloria tortua</i>	II	c
a millipede	<i>Scytonotus virginicus</i>	IV	c
a millipede	<i>Semionellus placidus</i>	IV	c
Aeto Millipede	<i>Conotyla aeto</i>	II	c
Big Cedar Creek Millipede	<i>Appalachioria falcifera</i>	II	c
Big Walker Twisted-claw Millipede	<i>Nannaria ambulatrix</i>	III	c
Bond's Appalachian Mimic Millipede	<i>Appalachioria bondi</i>	II	b
Breaks Interstate Park Twisted-claw Millipede	<i>Nannaria fracta</i>	III	c
Brooks Millipede	<i>Sigmoria brooksi</i>	II	c
Cedar Millipede	<i>Brachoria cedra</i>	II	c
Celero Millipede	<i>Conotyla celero</i>	II	c
Cerberus Cave Millipede	<i>Pseudotremia cerberus</i>	II	c
Collinwood Millipede	<i>Brachoria mendota</i>	III	c
Crawfish Valley Twisted-claw Millipede	<i>Nannaria asta</i>	II	b
Culver's Cave Millipede	<i>Pseudotremia culveri</i>	II	c
Curt Harden's Twisted-claw Millipede	<i>Nannaria hardeni</i>	III	c
Devault's Cave Millipede	<i>Pseudotremia inexpectata</i>	II	c

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Digging Twisted-claw Millipede	<i>Nannaria orycta</i>	III	c
Dragon-headed Twisted-claw Millipede	<i>Nannaria ignis</i>	II	c
Earl's Millipede	<i>Desmonus earlei</i>	IV	c
Faithful Millipede	<i>Cleidogona fidelitor</i>	III	c
Ferguson's Cave Millipede	<i>Pseudotremia fergusonii</i>	II	c
Fern Twisted-claw Millipede	<i>Nannaria filicata</i>	II	c
Fisher Cave Millipede	<i>Pseudotremia piscator</i>	II	c
Fork Mountain Twisted-claw Millipede	<i>Nannaria acroteria</i>	II	c
Grand Caverns Blind Cave Millipede	<i>Zygonopus weyeriense</i>	III	c
Harpoon Cave Millipede	<i>Pseudotremia jaculohamatum</i>	II	c
High Knob Mimic Millipede	<i>Brachoria insolita</i>	I	c
Hoffman's Cleidogonid Millipede	<i>Cleidogona hoffmani</i>	IV	c
Hoffman's Xystodesmid Millipede	<i>Brachoria hoffmani</i>	II	c
Hokie Twisted-claw Millipede	<i>Nannaria hokie</i>	III	b
Holsinger's Cave Millipede	<i>Pseudotremia johnholsingeri</i>	II	c
Hubbard's Cave Millipede	<i>Pseudotremia hubbardi</i>	II	c
Hungry Mother Millipede	<i>Appalachioria ethotela</i>	III	c
Jones' Saltpetre Cave Millipede	<i>Pseudotremia salifodina</i>	II	c
Keeton's Millipede	<i>Brachoria laminata</i>	II	c
Lichen-loving Twisted-claw Millipede	<i>Nannaria piccolia</i>	II	a
Loomis' Rough-Backed Millipede	<i>Pseudotremia loomisi</i>	II	c
Luray Caverns Blind Cave Millipede	<i>Zygonopus whitei</i>	II	c
Maple Flats Twisted-claw Millipede	<i>Nannaria marianae</i>	II	c
McGraw Gap Xystodesmid Millipede	<i>Nannaria ericacea</i>	IV	c
Melinda Millipede	<i>Conotyla melinda</i>	II	c
Montane Centipede	<i>Escaryus cryptorobius</i>	II	c
Morrison's Twisted-claw Millipede	<i>Nannaria morrisoni</i>	III	c
Orndorff's Cave Millipede	<i>Pseudotremia orndorffi</i>	II	c
Otter Twisted-claw Millipede	<i>Nannaria lutra</i>	II	c
Packard's Blind Cave Millipede	<i>Zygonopus packardi</i>	IV	c
Pennington Gap Mimic Millipede	<i>Brachoria dentata</i>	III	c
Pumpkin-Headed Cave Millipede	<i>Pseudotremia peponocranium</i>	II	c
Relictual Appalachian Millipede	<i>Rhysodesmus restans</i>	II	c
Roaring Branch Rough-Backed Millipede	<i>Pseudotremia fremens</i>	II	c
Rye Cove Cave Millipede	<i>Pseudotremia ryensis</i>	II	c
Shear's Mimic Millipede	<i>Brachoria sheari</i>	II	b
Sierwald's Appalachian Mimic Millipede	<i>Appalachioria sierwaldae</i>	II	c
Smith Creek Xystodesmid Millipede	<i>Nannaria laminata</i>	IV	c
South Branch Valley Cave Millipede	<i>Pseudotremia princeps</i>	II	c

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Spiral Twisted-claw Millipede	<i>Nannaria spiralis</i>	III	c
Star City Twisted-claw Millipede	<i>Nannaria stellapolis</i>	II	c
Starroots Twisted-claw Millipede	<i>Nannaria stellaradix</i>	II	c
Svelte Twisted-claw Millipede	<i>Nannaria tenuis</i>	II	b
Tuliptree Twisted-claw Millipede	<i>Nannaria liriodendra</i>	II	c
Tumbling Twisted-claw Millipede	<i>Nannaria paraptoma</i>	II	b
Turner's Millipede	<i>Appalachioria turneri</i>	II	c
Twisted-Gonopod Cave Millipede	<i>Pseudotremia contorta</i>	II	c
Venetia Millipede	<i>Conotyla venetia</i>	II	c
Whitetop Mountain Centipede	<i>Escaryus orestes</i>	II	c

ARACHNIDS

<u>Common Name</u>	<u>Scientific Name</u>	<u>WAP Tier</u>	<u>WAP Rank</u>
a cave cellar spider	<i>Pholcus jusahi</i>	I	c
a cave cobweb spider	<i>Nesticus mimus</i>	I	c
a cave cobweb spider	<i>Nesticus paynei</i>	I	c
a cave mite	<i>Traegardhia parallelseta</i>	I	c
a cave pseudoscorpion	<i>Apochthonius coecus</i>	I	b
a cave pseudoscorpion	<i>Apochthonius holsingeri</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius anophthalmus</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius binocularis</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius gertschi</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius lutzi</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius proximisetus</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius regulus</i>	I	b
a cave pseudoscorpion	<i>Kleptochthonius similis</i>	I	b
a cave pseudoscorpion	<i>Mundochthonius holsingeri</i>	I	b
a cave pseudoscorpion	<i>Chitrella superba</i>	I	b
a cave spider	<i>Islandiana muma</i>	I	c
a dwarf weaver	<i>Ceraticelus savannus</i>	IV	c
a dwarf weaver	<i>Colonus siou</i>	II	c
a dwarf weaver	<i>Diplocentria hiberna</i>	II	c
a dwarf weaver	<i>Gnathonargus unicorn</i>	II	c
a dwarf weaver	<i>Horcotes uncinatus</i>	II	c
a dwarf weaver	<i>Maso politus</i>	II	c
a funnel-web spider	<i>Barronopsis jeffersi</i>	III	c
a shovel-faced spider	<i>Goneatara eranistes</i>	I	c
a tangled nest spider	<i>Cybaeopsis hoplomacha</i>	III	c

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a two-clawed hunting spider	<i>Castianeira trilineata</i>	IV	c
a zoropsid spider	<i>Liocranoides unicolor</i>	I	c
a zoropsid spider	<i>Liocranoides coylei</i>	I	c
Atlantic Purse-Web Spider	<i>Sphodros atlanticus</i>	IV	c
Black Purse-Web Spider	<i>Sphodros niger</i>	IV	c
Carolina Scorpion	<i>Vaejovis carolinianus</i>	III	c
Carter's Cave Spider	<i>Nesticus carteri</i>	IV	c
Coyle's Cave Spider (a sheetweb spider)	<i>Anthrobia coylei</i>	I	c
Coyle's Purse-Web Spider	<i>Sphodros coylei</i>	IV	c
Gertsch's Lampshade-Web Spider	<i>Hypochilus gertschi</i>	II	c
Greater Big-chested Money Spider	<i>Oedothorax maximus</i>	II	c
Holsinger's Cave Spider	<i>Nesticus holsingeri</i>	II	c
Mammoth Cave Spider (a cave spider)	<i>Anthrobia mammothia</i>	IV	c
Pocock's Lampshade-Web Spider	<i>Hypochilus pococki</i>	IV	c
Red-Legged Purse-Web Spider	<i>Sphodros rufipes</i>	IV	c
Robust Trapdoor Spider	<i>Antrodiaetus robustus</i>	II	c
Tennessee Cave Spider	<i>Nesticus tennesseensis</i>	II	c
Thorell's Lampshade-Web Spider	<i>Hypochilus thorelli</i>	IV	c
Valentine's Cave Pseudoscorpion	<i>Lissocreagris valentinei</i>	I	b

INSECTS

a bee	<i>Anthophorula micheneri</i>	III	c
a caddisfly	<i>Goerita semata</i>	II	c
a caddisfly	<i>Phylocentropus auriceps</i>	III	c
a caddisfly	<i>Thelliopsyche grisea</i>	III	c
a cane moth	<i>Argillophora furcilla</i>	III	c
a cane moth	<i>Franclemontia interrogans</i>	III	c
a cellophane bee	<i>Colletes ciliatus</i>	III	c
a dung beetle	<i>Phanaeus igneus</i>	III	c
a flat-headed mayfly	<i>Heptagenia townesi</i>	II	c
a flightless darkling beetle	<i>Helops sulcipennis</i>	III	c
a free-living caddisfly	<i>Rhyacophila mycta</i>	I	c
a geometrid moth	<i>Lytrosis permagnaria</i>	III	c
a geometrid moth	<i>Xanthorhoe iduata</i>	III	c
a geometrid moth	<i>Idaea taturata</i>	IV	c
a hydropsychid caddisfly	<i>Cheumatopsyche parentum</i>	IV	c
a hydropsychid caddisfly	<i>Chimarra augusta</i>	III	c

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a hydropsyche caddisfly	<i>Parapsyche cardis</i>	II	c
a hydropsyche caddisfly	<i>Homoplectra monticola</i>	III	c
a leafcutter bee	<i>Megachile integra</i>	I	c
a leafcutter bee	<i>Megachile rubi</i>	II	c
a leafcutter bee	<i>Megachile rugifrons</i>	III	c
a leafcutter bee	<i>Trachusa dorsalis</i>	II	c
a lepidostomatid caddisfly	<i>Lepidostoma mitchelli</i>	I	c
a lepidostomatid caddisfly	<i>Lepidostoma wigginsi</i>	III	c
a limnephilid caddisfly	<i>Anabolia apora</i>	III	c
a limnephilid caddisfly	<i>Nemotaulius hostilis</i>	II	c
a longhorned caddisfly	<i>Ceraclea spongillovorax</i>	III	c
a mason bee	<i>Osmia chalybea</i>	IV	c
a mason bee	<i>Osmia illinoensis</i>	I	c
a mayfly	<i>Habrophlebiodes celeteria</i>	II	c
a mayfly	<i>Isonychia serrata</i>	II	c
a mining bee	<i>Pseudopanurgus virginicus</i>	III	c
a net-spinning caddisfly	<i>Hydropsyche brunneipennis</i>	III	c
a net-spinning caddisfly	<i>Hydropsyche carolina</i>	II	c
a net-spinning caddisfly	<i>Hydropsyche catawba</i>	IV	c
a net-spinning caddisfly	<i>Hydropsyche macleodi</i>	I	c
a net-spinning caddisfly	<i>Hydropsyche ophthalmica</i>	IV	c
a net-spinning caddisfly	<i>Hydropsyche potomacensis</i>	IV	c
a net-spinning caddisfly	<i>Hydropsyche rotosa</i>	III	c
a noctuid moth	<i>Meropleon titan</i>	III	c
a noctuid moth	<i>Paectes abrostolella</i>	IV	c
a noctuid moth	<i>Aplectoides condita</i>	III	c
a northern casemaker caddisfly	<i>Pycnopsyche virginica</i>	III	c
a pitcher plant flesh fly	<i>Sarcophaga sarraceniae</i>	II	a
a prominent moth	<i>Heterocampa astarte</i>	IV	c
a rhyacophilid caddisfly	<i>Rhyacophila simmonsii</i>	II	c
a rhyacophilid caddisfly	<i>Rhyacophila tricornuta</i>	I	c
a rhyacophilid caddisfly	<i>Rhyacophila kondratieffi</i>	II	c
a rhyacophilid caddisfly	<i>Rhyacophila teddyi</i>	II	c
a stripetail	<i>Isoperla stewarti</i>	I	c
a sweat bee	<i>Lasioglossum raleighense</i>	IV	c
a uenoid caddisfly	<i>Neophylax acutus</i>	II	c
a uenoid caddisfly	<i>Neophylax toshioi</i>	III	c
Aaron's Skipper Butterfly	<i>Poanes aaroni</i>	IV	c
Allegheny Clubtail	<i>Ophiogomphus incurvatus alleghaniensis</i>	I	c
Allegheny River Cruiser	<i>Macromia alleghaniensis</i>	IV	c

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American Comb-lipped Caddisfly	<i>Heteroplectron americanum</i>	III	c
American Cuckoo Nomad Bee	<i>Epeolus americanus</i>	III	c
American Emerald Dragonfly	<i>Cordulia shurtleffi</i>	IV	c
American Spring-loving Caddisfly	<i>Beraea fontana</i>	II	c
an andrenid bee	<i>Andrena fulvipennis</i>	IV	c
an ant	<i>Aphaenogaster floridana</i>	IV	a
an odontocerid caddisfly	<i>Psilotreta rossi</i>	III	c
an uenoid caddisfly	<i>Neophylax etnieri</i>	II	c
an uenoid caddisfly	<i>Neophylax stolus</i>	IV	c
an uenoid caddisfly	<i>Neophylax wigginsii</i>	IV	c
Appalachian Azure Butterfly	<i>Celastrina neglectamajor</i>	IV	c
Appalachian Jewelwing Damselfly	<i>Calopteryx angustipennis</i>	III	c
Appalachian Rhyacophilid Caddisfly	<i>Rhyacophila appalachia</i>	II	c
Appalachian Snaketail	<i>Ophiogomphus incurvatus incurvatus</i>	III	c
Aralia Shoot Borer Moth	<i>Papaipema araliae</i>	III	c
Arrowhead Spiketail Dragonfly	<i>Cordulegaster obliqua</i>	IV	c
Ash Borer Moth	<i>Papaipema furcata</i>	III	c
Atlantic Graphic Moth	<i>Drasteria graphica atlantica</i>	III	c
Atlantis Fritillary Butterfly	<i>Speyeria atlantis</i>	III	c
Aureolaria Seed Borer	<i>Pyrrhia aurantiago</i>	II	c
Avernus Cave Beetle	<i>Pseudanophthalmus avernus</i>	I	c
Baltimore Checkerspot Butterfly	<i>Euphydryas phaeton</i>	IV	c
Banner Clubtail	<i>Hylogomphus apomyius</i>	II	c
Barrens Dagger Moth	<i>Acronicta albarufa</i>	III	c
Barrens Itame	<i>Macaria exonerata</i>	III	c
Barrens Moth	<i>Properigea costa</i>	III	b
Bear-like Digger Bee	<i>Anthophora ursina</i>	IV	c
Beartown Perlodid Stonefly	<i>Isoperla major</i>	I	c
Beaverpond Baskettail	<i>Epitheca canis</i>	II	c
Benfield's Bearded Small Minnow Mayfly	<i>Barbaetis benfieldi</i>	II	c
Bent Forestfly	<i>Ostrocerca prolongata</i>	III	c
Berner's Ephemerella Mayfly	<i>Tsalia beneri</i>	IV	a
Bicolored Moth	<i>Manulea bicolor</i>	III	c
Bird Dropping Moth	<i>Cerma cora</i>	III	c
Black Dash Butterfly	<i>Euphyes conspicua</i>	II	c
Black Stripetail	<i>Isoperla pseudolata</i>	II	c
Black-Tipped Darner Dragonfly	<i>Aeshna tuberculifera</i>	III	c
Blackwater Bluet	<i>Enallagma weewa</i>	III	c
Blazing Star Stem Borer	<i>Papaipema beeriana</i>	I	a

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Blue Ridge Sallfly	<i>Alloperla stipitata</i>	IV	c
Blue Ridge Snowfly	<i>Allocapnia stannardi</i>	III	c
Blue Ridge Springfly	<i>Remenus kirchneri</i>	IV	c
Boreal Fan Moth	<i>Brachionycha borealis</i>	III	c
Broad-Lined Erastria Moth	<i>Erastria coloraria</i>	II	c
Bronze Copper Butterfly	<i>Lycaena hyllus</i>	IV	c
Brook Snaketail	<i>Ophiogomphus aspersus</i>	II	c
Brown-Lined Dart Moth	<i>Anaplectoides brunneomedia</i>	III	c
Buffalo Springs Caddisfly	<i>Hydropsyche etnieri</i>	III	c
Bumble Bee	<i>Bombus pensylvanicus</i>	IV	a
Burgundy Bluet Damselfly	<i>Enallagma dubium</i>	IV	c
Burke's Garden Cave Beetle	<i>Pseudanophthalmus hortulanus</i>	I	c
Cahaba Sand-Filtering Mayfly	<i>Homoeoneuria cahabensis</i>	II	c
Canada Darner	<i>Aeshna canadensis</i>	II	c
Cane Wainscot	<i>Leucania calidior</i>	III	c
Carolina Road-Skipper Butterfly	<i>Amblyscirtes carolina</i>	III	c
Cave Pselaphid BEETLE	<i>Arianops jeanneli</i>	I	c
Chalk-Fronted Corporal Skimmer	<i>Ladona julia</i>	III	c
Cherokee Clutail	<i>Stenogomphurus consanguis</i>	II	c
Cinnamon Shadowdragon	<i>Neurocordulia virginensis</i>	III	c
Clover Hollow Cave Beetle	<i>Pseudanophthalmus gracilis</i>	II	c
Cold Spring Triaenodes Caddisfly	<i>Triaenodes taenius</i>	III	c
Combneck Assassin Bug	<i>Ctenotrachelus shermani</i>	IV	c
Common Claybank Tiger Beetle	<i>Cicindela limbalis</i>	III	c
Common Spreadwing Damselfly	<i>Lestes disjunctus</i>	III	c
Crossroads Cave Beetle	<i>Pseudanophthalmus intersectus</i>	I	c
Cryptic Willowfly	<i>Taeniopteryx nelsoni</i>	I	c
Cumberland Gap Cave Beetle	<i>Pseudanophthalmus hirsutus</i>	I	c
Currant Spanworm Moth	<i>Speranza ribearia</i>	IV	c
Dark Stoneroot Borer Moth	<i>Papaipema duplicata</i>	II	c
Death-camas Sawfly	<i>Rhadinoceraea zigadenusae</i>	II	b
Deceptive Cave Beetle	<i>Pseudanophthalmus deceptivus</i>	I	c
Deerberry Melitta	<i>Melitta eickworti</i>	IV	c
Delicate Cave Beetle	<i>Pseudanophthalmus delicatus</i>	III	c
Delta-Spotted Spiketail Dragonfly	<i>Cordulegaster diastatops</i>	II	c
Diana fritillary	<i>Speyeria diana</i>	IV	c
Dispersed Northern Caddisfly	<i>Pycnopsyche conspersa</i>	III	c
Doll's Dagger Moth	<i>Acronicta dolli</i>	III	c
Dot-Tailed Whiteface	<i>Leucorrhinia intacta</i>	IV	c
Dotted Long-horned Caddisfly	<i>Ceraclea punctata</i>	III	c

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Common Name	Scientific Name	WAP¹ Tier	WAP¹ Rank
Double Dart Moth	<i>Graphiphora augur</i>	III	c
Duke's (Or Scarce Swamp) Skipper	<i>Euphyes dukesi</i>	II	c
Eared Free-living Caddisfly	<i>Rhyacophila otica</i>	II	c
Early Hairstreak Butterfly	<i>Erora laeta</i>	III	c
Eastern Pine Barrens Tiger Beetle	<i>Cicindela abdominalis</i>	I	b
Edmund's Snaketail	<i>Ophiogomphus edmundo</i>	I	c
Edwards' Hairstreak Butterfly	<i>Satyrrium edwardsii</i>	IV	c
Elegant Prominent	<i>Pheosidea elegans</i>	III	c
Elfin Skimmer Dragonfly	<i>Nannothemis bella</i>	II	c
Ellett Valley Cave Beetle	<i>Pseudanophthalmus pusio</i>	II	c
Faded Or Ornate Pennant	<i>Celithemis ornata</i>	II	c
Felt's Mason Bee	<i>Osmia felti</i>	IV	c
Fine-Lined Emerald Dragonfly	<i>Somatochlora filosa</i>	II	c
Franck's Sphinx Moth	<i>Sphinx franckii</i>	III	c
Fringed Loosestrife Oil-collecting Bee	<i>Macropis ciliata</i>	IV	c
Frosted Elfin Butterfly	<i>Callophrys irus</i>	I	c
Fumose Forestfly	<i>Zapada fumosa</i>	I	c
Gentle Bizarre Caddisfly	<i>Lepidostoma modestum</i>	III	c
Ghost Tiger Beetle	<i>Ellipsoptera lepida</i>	II	c
Giant Gray Moth	<i>Cymatophora approximaria</i>	III	c
Gipsy Cuckoo-bee	<i>Bombus bohemicus</i>	I	c
Goatweed Leafwing Butterfly	<i>Anaea andria</i>	II	c
Gray Petaltail Dragonfly	<i>Tachopteryx thoreyi</i>	IV	c
Great Tiger Moth	<i>Arctia caja</i>	III	c
Green Monorium Ant	<i>Monomorium viridum</i>	III	a
Green-Faced Clubtail	<i>Hylogomphus viridifrons</i>	II	c
Green-Striped Darner	<i>Aeshna verticalis</i>	II	c
Grote's Black-tipped Quaker Moth	<i>Dichagyris grotei</i>	III	c
Hagen's Bluet	<i>Enallagma hageni</i>	IV	c
Hanson's Appalachian Stonefly	<i>Hansonoperla appalachia</i>	III	c
Harpoon Clubtail	<i>Phanogomphus descriptus</i>	II	c
Harris's Checkerspot	<i>Chlosyne harrisii</i>	III	c
Herodias Underwing	<i>Catocala herodias gerhardi</i>	III	c
Hessel's Hairstreak Butterfly	<i>Callophrys hesseli</i>	I	c
Highlands Springfly	<i>Yugus arinus</i>	III	c
Hoffman's Cave Beetle	<i>Pseudanophthalmus hoffmani</i>	II	c
Hoffman's Isonychia Mayfly	<i>Isonychia hoffmani</i>	I	c
Holston Sallfly	<i>Sweltsa holstonensis</i>	I	c
Hooked Silver Y Moth	<i>Syngrapha alias</i>	III	c
Howden's Copris Scarab Beetle	<i>Copris howdeni</i>	III	c

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Hubbard's Cave Beetle	<i>Pseudanophthalmus hubbardi</i>	I	b
Hubricht's Cave Beetle	<i>Pseudanophthalmus hubrichti</i>	I	c
Hudsonian Whiteface	<i>Leucorrhinia hudsonica</i>	II	c
Illinois Snowfly	<i>Allocapnia illinoensis</i>	III	c
Jane's Stripetail	<i>Diploperla janeae</i>	II	c
Jefferson's Short-Nosed Scorpionfly	<i>Brachypanorpa jeffersoni</i>	II	c
King's Hairstreak Butterfly	<i>Satyrrium kingi</i>	III	c
Laura's Clubtail	<i>Stylurus laurae</i>	III	c
Lemmer's Pinion Moth	<i>Lithophane lemmeri</i>	III	c
Lemon Cuckoo Bumble Bee	<i>Bombus citrinus</i>	IV	a
Leptocerid Caddisfly	<i>Ceraclea uvalo</i>	III	c
Little Kennedy Cave Beetle	<i>Pseudanophthalmus cordicollis</i>	II	c
Live Oak Metria	<i>Metria amella</i>	IV	c
Lobed Roachfly	<i>Tallaperla lobata</i>	II	c
Long Dash Butterfly	<i>Polites mystic</i>	III	c
Long-Headed Cave Beetle	<i>Pseudanophthalmus longiceps</i>	I	c
Maiden Spring Cave Beetle	<i>Pseudanophthalmus virginicus</i>	I	c
Maine Snaketail	<i>Ophiogomphus mainensis</i>	III	c
Mantled Baskettail	<i>Epitheca semiaquea</i>	II	c
Marbled Underwing	<i>Catocala marmorata</i>	III	c
Marl Pennant	<i>Macrodiplax balteata</i>	II	c
Martha's Pennant Dragonfly	<i>Celithemis martha</i>	III	c
Maureen's Shale Stream Beetle	<i>Hydraena maureenae</i>	III	c
Midland Clubtail	<i>Gomphurus fraternus</i>	III	c
Milne's Euchlaena Moth	<i>Euchlaena milnei</i>	III	c
Mitchell Needlefly	<i>Leuctra mitchellensis</i>	II	c
Montane Needlefly	<i>Leuctra monticola</i>	II	c
Mottled Duskywing Butterfly	<i>Erynnis martialis</i>	I	c
Mountain River Cruiser	<i>Macromia margarita</i>	I	c
Mud-Dwelling Cave Beetle	<i>Pseudanophthalmus limicola</i>	I	c
Mustached Clubtail	<i>Hylogomphus adelphus</i>	II	c
Natural Bridge Cave Beetle	<i>Pseudanophthalmus pontis</i>	II	c
Nelson's Cave Beetle	<i>Pseudanophthalmus nelsoni</i>	III	c
New Jersey Tea Inchworm Moth	<i>Apodrepanulatrix liberaria</i>	II	c
New River Valley Cave Beetle	<i>Pseudanophthalmus egberti</i>	II	c
Northern Barrens Tiger Beetle	<i>Cicindela patruela patruela</i>	II	c
Northern Bluet	<i>Enallagma annexum</i>	II	c
Northern Metalmark Butterfly	<i>Calephelis borealis</i>	II	c
Northern Pearly Crescent	<i>Phyciodes cocyta</i>	III	c
Northern Pygmy Clubtail Dragonfly	<i>Lanthus parvulus</i>	II	c

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Notched Forestfly	<i>Ostrocerca complexa</i>	IV	c
Ocellated Darner Dragonfly	<i>Boyeria grafiana</i>	IV	c
Olympia Marble Butterfly	<i>Euchloe olympia</i>	II	c
Ornate Stonefly	<i>Acroneuria yuchi</i>	III	c
Palatka Skipper Butterfly	<i>Euphyes pilatka</i>	I	c
Pale Bluet Damselfly	<i>Enallagma pallidum</i>	II	c
Panther Giant Caddisfly	<i>Oligostomis pardalis</i>	II	c
Patellar Oil-collecting Bee	<i>Macropis patellata</i>	I	c
Pearly-banded Bee	<i>Nomia maneei</i>	I	c
Petrunkevitch's Cave Beetle	<i>Pseudanophthalmus petrunkevitchi</i>	II	c
Philopotamid Caddisfly	<i>Wormaldia mohri</i>	I	c
Piedmont Clubtail	<i>Hylogomphus parvidens</i>	III	c
Pigmented Miner Bee	<i>Andrena chromotricha</i>	IV	c
Pine Barrens Zale Moth	<i>Zale lunifera</i>	III	c
Pink Star Moth	<i>Derrima stellata</i>	II	c
Pink-Edged Sulphur Butterfly	<i>Colias interior</i>	III	c
Pink-streak Moth	<i>Dargida rubripennis</i>	IV	c
Pitcher Plant Midge	<i>Metriocnemus knabi</i>	II	a
Plain Schizura	<i>Coelodasys apicalis</i>	III	c
Provancher's Armored Mayfly	<i>Baetisca rubescens</i>	II	c
Pygmy Snaketail	<i>Ophiogomphus howei</i>	II	c
Rapids Clubtail	<i>Phanogomphus quadricolor</i>	III	c
Rare Skipper	<i>Problema bulenta</i>	II	c
Rare Spring Moth	<i>Heliomata infulata</i>	IV	c
Regal Darner	<i>Coryphaeschna ingens</i>	II	c
Reversed Road-Skipper Butterfly	<i>Amblyscirtes reversa</i>	III	c
Rifle Snaketail	<i>Ophiogomphus carolus</i>	II	c
Riverbank Tiger Beetle	<i>Cicindela ancocisconensis</i>	III	c
Riverine Clubtail	<i>Stylurus amnicola</i>	II	c
River's Stripetail	<i>Isoperla riverae</i>	IV	c
Roble's Cane Borer	<i>Loscopia roblei</i>	II	c
Robust Baskettail Dragonfly	<i>Epitheca spinosa</i>	IV	c
Rock Island Springfly	<i>Isogenoides varians</i>	III	c
Rotund Cave Beetle	<i>Pseudanophthalmus rotundatus</i>	II	b
Ruth's Long-horned Caddisfly	<i>Ceraclea ruthae</i>	II	c
Sable Clubtail	<i>Stenogomphus rogersi</i>	IV	c
Saint Paul Cave Beetle	<i>Pseudanophthalmus sanctipauli</i>	II	c
Salt-And-Pepper Looper Moth	<i>Syngrapha rectangula</i>	III	c
Sanicle Yellow-faced Bee	<i>Hylaeus saniculae</i>	IV	c
Schaum's Ground Beetle	<i>Sphaeroderus schaumii</i>	III	c

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Seaside Goldenrod Borer Moth	<i>Papaipema duovata</i>	III	c
Sedge Sprite	<i>Nehalennia irene</i>	II	c
Sely's Sundragon Dragonfly	<i>Helocordulia selysii</i>	IV	c
Septima's Clubtail	<i>Gomphurus septima</i>	I	c
Shenandoah Needlefly	<i>Megaleuctra flinti</i>	II	c
Shenandoah Rhyacophilid Caddisfly	<i>Rhyacophila shenandoahensis</i>	III	c
Shenandoah Sallfly	<i>Sweltsa palearata</i>	II	c
Shining Ball Scarab Beetle	<i>Ceratocanthus aeneus</i>	IV	a
Silken Cave Beetle	<i>Pseudanophthalmus sericus</i>	I	b
Silver-Bordered Fritillary Butterfly	<i>Boloria selene</i>	III	c
Similar Carder Bee	<i>Dianthidium simile</i>	III	c
Sillet Clubtail	<i>Gomphurus ventricosus</i>	I	c
Ski-Tipped Emerald	<i>Somatochlora elongata</i>	II	c
Smokies Needlefly	<i>Megaleuctra williamsae</i>	II	c
Smokies Snowfly	<i>Allocapnia fumosa</i>	II	c
South Branch Valley Cave Beetle	<i>Pseudanophthalmus potomaca potomaca</i>	I	c
Southeastern Myotis Bat Fly	<i>Basilia boardmani</i>	III	c
Southern Carpenter Bee	<i>Xylocopa micans</i>	IV	a
Southern Hairstreak Butterfly	<i>Satyrrium favonius</i>	IV	c
Southern Pitcher Plant Mosquito	<i>Wyeomyia haynei</i>	II	a
Southern Plains Bumble Bee	<i>Bombus fraternus</i>	II	a
Southern Pygmy Clubtail Dragonfly	<i>Lanthus vernalis</i>	IV	c
Southern Springfly	<i>Cultus decius isolatus</i>	III	c
Southern Sprite Damselfly	<i>Nehalennia integricollis</i>	IV	c
Spatterdock Darner	<i>Rhionaeschna mutata</i>	II	c
Spatulate Snowfly	<i>Allocapnia simmonsii</i>	II	c
Spear-Marked Black Moth	<i>Rheumaptera hastata</i>	IV	c
Sphagnum Sprite Damselfly	<i>Nehalennia gracilis</i>	III	c
Spine-Crowned Clubtail	<i>Hylogomphus abbreviatus</i>	IV	c
Spotted Cave Beetle	<i>Pseudanophthalmus punctatus</i>	II	c
St. Croix Snaketail	<i>Ophiogomphus susbehcha</i>	II	c
Straley's Cave Beetle	<i>Pseudanophthalmus quadratus</i>	II	c
Stygian Shadowdragon	<i>Neurocordulia yamaskanensis</i>	III	c
Superb Jewelwing	<i>Calopteryx amata</i>	II	c
Sweetbay Silk Moth	<i>Callosamia securifera</i>	IV	c
Tennessee Sallfly	<i>Alloperla neglecta</i>	II	c
The Starry Campion Moth	<i>Hadena ectypa</i>	III	c
Tiger Spiketail Dragonfly	<i>Cordulegaster erronea</i>	IV	c
Treetop Emerald Dragonfly	<i>Somatochlora provocans</i>	II	c
Triangle-barred Woodgrain Moth	<i>Morrisonia triangula</i>	III	c

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Two-Spotted Skipper Butterfly	<i>Euphyes bimacula</i>	III	c
Two-Striped Forceptail	<i>Aphylla williamsoni</i>	IV	c
Vicariant Cave Beetle	<i>Pseudanophthalmus vicarius</i>	II	c
Virginia Ctenucha Moth	<i>Ctenucha virginica</i>	III	c
Virginia Sallfly	<i>Sweltsa voshelli</i>	III	c
Virginia Springfly	<i>Diploperla morgani</i>	IV	c
Virginia Stonefly	<i>Acroneuria kosztarabi</i>	IV	c
Walker's Tusked Sprawler	<i>Anthopotamus verticis</i>	IV	c
Watauga Springfly	<i>Yugus kondratieffi</i>	IV	c
West Virginia White Butterfly	<i>Pieris virginienensis</i>	IV	c
White Sand-River Mayfly	<i>Pseudiron centralis</i>	II	c
White-Faced Meadowhawk	<i>Sympetrum obtrusum</i>	II	c
Whitish Tiger Beetle	<i>Ellipsoptera gratiosa</i>	II	b
Yehl Skipper Butterfly	<i>Poanes yehl</i>	IV	c
Yellow Bumble Bee	<i>Bombus fervidus</i>	IV	a
Yellow Stoneroot Borer Moth	<i>Papaipema astuta</i>	II	c
Yellowbanded Bumble Bee	<i>Bombus terricola</i>	II	a
Yellow-Edged Pygarctia Moth	<i>Pygarctia abdominalis</i>	II	c
Zebra Clubtail Dragonfly	<i>Stylurus scudderii</i>	II	c

OTHER INVERTEBRATES

a cave dipluran (Pulaski/Wythe)	<i>Litocampa hoffmani</i>	II	c
Horseshoe Crab	<i>Limulus polyphemus</i>	IV	a
Puckett's Cave Dipluran	<i>Litocampa pucketti</i>	I	c

For further information or details regarding this list or any species listed herein, please contact:

Nongame & Endangered Species Program
 Virginia Department of Wildlife Resources
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Mailing Address: P. O. Box 90778
 Henrico, VA 23228
 (804) 367-1185

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