



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>Federal¹</u>	<u>State¹</u>	<u>WAP¹ Tier</u>	<u>WAP¹ 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		
Candy darter	<i>Etheostoma osburni</i>	FE	SE	I	b
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
Emerald shiner	<i>Notropis atherinoides</i>		ST	IV	c
Golden darter	<i>Etheostoma denoncourti</i>		ST	II	b
Greenfin darter	<i>Etheostoma chlorobranchium</i>		ST	I	b
Orangefin madtom	<i>Noturus gilberti</i>		ST	II	b
Paddlefish	<i>Polyodon spathula</i>		ST	IV	c
Roanoke logperch	<i>Percina rex</i>	FE	SE	II	a
Sharphead darter	<i>Etheostoma acuticeps</i>		SE	I	c
Shortnose sturgeon	<i>Acipenser brevirostrum</i>	FE	SE	I	a
Sickle darter	<i>Percina williamsi</i>	FP	ST	I	c
Slender chub	<i>Erimystax cahni</i>	FT	ST	I	c
Spotfin chub	<i>Erimonax monachus</i>	FT	ST	I	b
Steelcolor shiner	<i>Cyprinella whipplei</i>		ST	III	c
Tennessee dace	<i>Chrosomus (=Phoxinus) tennesseensis</i>		SE	I	b
Variegate darter	<i>Etheostoma variatum</i>		SE	I	a
Western sand darter	<i>Ammocrypta clara</i>		ST	IV	c
Whitemouth shiner	<i>Notropis alborus</i>		ST	II	c
Yellowfin madtom	<i>Noturus flavipinnis</i>	FT	ST	I	a
<u>AMPHIBIANS</u>					
Eastern tiger salamander	<i>Ambystoma tigrinum</i>		SE	II	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 (= Muhlenberg) turtle	<i>Glyptemys (=Clemmys) muhlenbergii</i>	FT(S/A)	SE	I	a
Canebrake rattlesnake (Coastal Plain population of timber rattlesnake)	<i>Crotalus horridus</i>		SE	II	a
Eastern chicken turtle	<i>Deirochelys reticularia reticularia</i>		SE	I	a
Eastern glass lizard	<i>Ophisaurus ventralis</i>		ST	II	a

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Green sea turtle	<i>Chelonia mydas</i>	FT	ST	I	b
Hawksbill sea turtle	<i>Eretmochelys imbricata</i>	FE	SE		
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>	FE	SE	I	a
Leatherback sea turtle	<i>Dermochelys coriacea</i>	FE	SE	I	c
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>Aimophila aestivalis</i>		ST	I	a
Bachman's warbler (=wood)	<i>Vermivora bachmanii</i>	FE	SE		
Bewick's wren	<i>Thryomanes bewickii</i>		SE		
Eastern black rail	<i>Laterallus jamaicensis</i>	FT	SE	I	a
	<i>jamaicensis</i>				
Gull-billed tern	<i>Sterna nilotica</i>		ST	I	a
Henslow's sparrow	<i>Ammodramus henslowii</i>		ST	I	a
Kirtland's warbler	<i>Setophaga kirtlandii</i> (=Dendroica kirtlandii)		SE		
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	II	a
Red knot	<i>Calidris canutus rufa</i>	FT	ST	I	a
Red-cockaded woodpecker	<i>Picoides borealis</i>	FE	SE	I	a
Roseate tern	<i>Sterna dougallii dougallii</i>	FE	SE		
Wilson's plover	<i>Charadrius 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	c
Gray bat	<i>Myotis grisescens</i>	FE	SE	II	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>	FT	ST	I	a
Rafinesque's eastern big-eared bat	<i>Corynorhinus rafinesquii macrotis</i>		SE	I	a
Rock vole	<i>Microtus chrotorrhinus</i>		SE	II	a
Snowshoe hare	<i>Lepus americanus</i>		SE	I	c
Tri-colored bat	<i>Perimyotis subflavus</i>		SE	I	a
Virginia big-eared bat	<i>Corynorhinus</i> (=Plecotus) <i>townsendii virginianus</i>	FE	SE	II	a

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MOLLUSKS					
<i>Freshwater Mussels</i>					
Appalachian monkeyface (pearlymussel)	<i>Quadrula sparsa</i>	FE	SE	I	a
Atlantic pigtoe	<i>Fusconaia masoni</i>	FP	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	b
Cracking pearlymussel	<i>Hemistena lata</i>	FE	SE	I	b
Cumberland bean (pearlymussel)	<i>Villosa trabalis</i>	FE	SE	I	a
Cumberland monkeyface (pearlymussel)	<i>Quadrula intermedia</i>	FE	SE	I	a
Cumberlandian combshell	<i>Epioblasma brevidens</i>	FE	SE	I	a
Deertoe	<i>Truncilla truncata</i>		SE	III	b
Dromedary pearlymussel	<i>Dromus dromas</i>	FE	SE	I	a
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	FE	SE	I	a
Elephantear	<i>Elliptio crassidens</i>		SE	III	a
Fanshell	<i>Cyprogenia stegaria</i>	FE	SE	I	a
Finerayed pigtoe	<i>Fusconaia cuneolus</i>	FE	SE	I	a
Fluted kidneyshell	<i>Ptychobranchus subtentum</i>	FE	SE	II	a
Fragile papershell	<i>Leptodea fragilis</i>		ST	IV	c
Green blossom (pearlymussel)	<i>Epioblasma torulosa gubernaculum</i>	FE	SE		
Green floater	<i>Lasmigona subviridis</i>		ST	II	a
James spinymussel	<i>Pleurobema collina</i>	FE	SE	I	a
Littlewing pearlymussel	<i>Pegias fabula</i>	FE	SE	I	c
Longsolid	<i>Fusconaia subrotunda</i>	FP		III	a
Ohio pigtoe	<i>Pleurobema cordatum</i>		SE	III	c
Oyster mussel	<i>Epioblasma capsaeformis</i>	FE	SE	I	a
Pimpleback	<i>Quadrula pustulosa pustulosa</i>		ST	IV	b
Pink mucket (pearlymussel)	<i>Lampsilis abrupta</i>	FE	SE	I	a
Pistolgrip	<i>Tritogonia verrucosa</i>		ST	III	b
Purple bean	<i>Villosa perpurpurea</i>	FE	SE	I	a
Purple lilliput	<i>Toxolasma lividus</i>		SE	II	c
Pyramid pigtoe	<i>Pleurobema rubrum</i>		SE	II	a
Rayed bean	<i>Villosa fabalis</i>	FE	SE	II	a
Rough pigtoe	<i>Pleurobema plenum</i>	FE	SE	I	a
Rough rabbitsfoot	<i>Quadrula cylindrica strigillata</i>	FE	SE	I	a
Sheepnose	<i>Plethobasus cyphus</i>	FE	SE	II	a
Shiny pigtoe	<i>Fusconaia cor</i>	FE	SE	I	a
Slabside pearlymussel	<i>Lexingtonia dolabelloides</i>	FE	SE	II	a
Slippershell mussel	<i>Alasmidonta viridis</i>		SE	I	b
Snuffbox mussel	<i>Epioblasma triquetra</i>	FE	SE	I	a

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Spectaclecase	<i>Cumberlandia monodonta</i>	FE	SE	I	b
Tan riffleshell	<i>Epioblasma florentina walkeri</i> (=E. walkeri)	FE	SE		
Tennessee heelsplitter	<i>Lasmigona holstonia</i>		SE	II	a
Yellow lance	<i>Elliptio lanceolata</i>	FT	ST	II	a
<i>Freshwater & Land Snails</i>					
Appalachian springsnail	<i>Fontigens bottimeri</i>		SE	II	c
Brown supercoil	<i>Paravitrea septadens</i>		ST	I	c
Rubble coil	<i>Helicodiscus lirellus</i>		SE	I	a
Shaggy coil	<i>Helicodiscus diadema</i>		SE	I	c
Spider elimia	<i>Elimia arachnoidea</i>		SE	II	c
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
Virginia springsnail	<i>Fontigens morrisoni</i>		SE	I	a
<u>FRESHWATER CRUSTACEANS</u>					
Big Sandy crayfish	<i>Cambarus callainus</i> (formerly <i>C. veteranus</i>)	FT	ST	I	c
Lee County Cave isopod	<i>Lirceus usdagalun</i>	FE	SE	III	c
Madison Cave amphipod	<i>Stygobromus stegerorum</i>		ST	I	b
Madison Cave isopod	<i>Antrolana lira</i>	FT	ST	II	c
<u>MILLIPEDES</u>					
Ellett Valley pseudotremia	<i>Pseudotremia cavernarum</i>		ST	I	c
Laurel Creek xystodesmid	<i>Sigmoria whiteheadi</i>		ST	I	c
<u>ARACHNIDS</u>					
Spruce-fir moss spider	<i>Microhexura montivaga</i>	FE	SE		
<u>INSECTS²</u>					
American burying beetle	<i>Nicrophorus americanus</i>	FE		I	c
Appalachian grizzled skipper	<i>Pyrgus wyandot</i> (=Pyrgus <i>centaureae wyandot</i>)		ST	I	a
Buffalo Mountain mealybug	<i>Puto kosztarabi</i>		SE	I	c
Holsinger's cave beetle	<i>Pseudanophthalmus holsingeri</i>		SE	I	c
Mitchell's satyr butterfly	<i>Neonympha mitchellii</i>	FE	SE	I	a

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Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>	FT	ST	II	a
Rusty patched bumble bee	<i>Bombus affinis</i>	FE		I	a
Thomas' cave beetle	<i>Pseudanophthalmus thomasi</i>		SE	II	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

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

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

Aquatic Wildlife Resources Division
 Virginia Department of Wildlife Resources
Physical Address: 7870 Villa Park Dr, Suite 400
Mailing Address: P. O. Box 90778
 Henrico, VA 23228
 (804) 367-4335

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<u>FRESHWATER FISHES</u>			
Alewife	<i>Alosa pseudoharengus</i>	IV	a
Allegheny pearl dace	<i>Margariscus margarita</i>	IV	b
American brook lamprey	<i>Lampetra appendix</i>	IV	c
American eel	<i>Anguilla rostrata</i>	III	a
American shad	<i>Alosa sapidissima</i>	IV	a
Appalachia darter	<i>Percina gymnocephala</i>	IV	c
Ashy darter	<i>Etheostoma cinereum</i>	I	b
Banded sunfish	<i>Enneacanthus obesus</i>	IV	c
Bigeye jumprock	<i>Moxostoma ariommum</i>	III	c
Black sculpin	<i>Cottus baileyi</i>	IV	c
Blackside darter	<i>Percina maculata</i>	IV	c
Blotched chub	<i>Erimystax insignis</i>	IV	c
Blotchside logperch	<i>Percina burtoni</i>	II	a
Blueback herring	<i>Alosa aestivalis</i>	IV	a
Bluebreast darter	<i>Etheostoma camurum</i>	IV	c
Blueside darter	<i>Etheostoma jessiae</i>	IV	c
Bluestone sculpin	<i>Cottus sp. 1</i>	III	c
Brassy jumprock	<i>Moxostoma sp.</i>	IV	c
Bridle shiner	<i>Notropis bifrenatus</i>	I	a
Brook silverside	<i>Labidesthes sicculus</i>	IV	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>	III	c
Clinch sculpin	<i>Cottus sp. 4</i>	III	c
Dusky darter	<i>Percina sciera</i>	IV	c
Fatlips minnow	<i>Phenacobius crassilabrum</i>	II	c
Freshwater drum	<i>Aplodinotus grunniens</i>	III	c
Highback chub	<i>Hybopsis hypsinotus</i>	IV	c
Highfin shiner	<i>Notropis altipinnis</i>	IV	c
Holston sculpin	<i>Cottus sp. 5</i>	III	c
Ironcolor shiner	<i>Notropis 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>	IV	c
Least brook lamprey	<i>Lampreta aepyptera</i>	IV	c
Lined topminnow	<i>Fundulus lineolatus</i>	IV	c
Logperch	<i>Percina caprodes</i>	IV	c
Longear sunfish	<i>Lepomis megalotis</i>	IV	b
Mirror shiner	<i>Notropis spectrunculus</i>	III	c
Mountain brook lamprey	<i>Ichthyomyzon greeleyi</i>	III	c

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Mountain madtom	<i>Noturus eleutherus</i>	IV	c
Mountain shiner	<i>Lythrurus lirus</i>	IV	c
Mud sunfish	<i>Acantharchus pomotis</i>	IV	c
New River shiner	<i>Notropis scabriceps</i>	IV	c
Northern studfish	<i>Fundulus catenatus</i>	IV	c
Notchlip redhorse	<i>Moxostoma collapsum</i>	IV	c
Ohio lamprey	<i>Ichthyomyzon bdellium</i>	IV	c
Piedmont darter	<i>Percina crassa</i>	IV	c
Popeye shiner	<i>Notropis ariommus</i>	II	c
Redlip shiner	<i>Notropis chiliticus</i>	IV	c
River redhorse	<i>Moxostoma carinatum</i>	III	b
Roanoke bass	<i>Ambloplites cavifrons</i>	I	a
Roanoke hog sucker	<i>Hypentelium roanokense</i>	IV	c
Roughhead shiner	<i>Notropis semperasper</i>	I	b
Rustyside sucker	<i>Thoburnia hamiltoni</i>	III	c
Sand shiner	<i>Notropis stramineus</i>	IV	c
Sauger	<i>Sander canadensis</i>	III	b
Sharpnose darter	<i>Percina oxyrhynchus</i>	IV	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
Snail bullhead	<i>Ameiurus brunneus</i>	III	c
Speckled darter	<i>Etheostoma stigmaeum</i>	IV	c
Speckled killifish	<i>Fundulus rathbuni</i>	IV	c
Stonecat	<i>Noturus flavus</i>	IV	c
Suckermouth minnow	<i>Phenacobius mirabilis</i>	IV	c
Swannanoa darter	<i>Etheostoma swannanoa</i>	IV	b
Tadpole madtom	<i>Noturus gyrinus</i>	IV	c
Tangerine darter	<i>Percina aurantiaca</i>	IV	c
Tonguetied minnow	<i>Exoglossum laurae</i>	IV	c
Wounded darter	<i>Etheostoma vulneratum</i>	III	c

AMPHIBIANS

Barking Treefrog	<i>Hyla gratiosa</i>	II	a
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
Common mudpuppy	<i>Necturus maculosus maculosus</i>	III	a
Cow Knob salamander	<i>Plethodon punctatus</i>	I	c
Cumberland Plateau salamander	<i>Plethodon kentucki</i>	IV	c
Dwarf waterdog	<i>Necturus punctatus</i>	III	a
Eastern hellbender	<i>Cryptobranchus alleganiensis</i>	I	a

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Eastern lesser siren	<i>Siren intermedia intermedia</i>	III	a
Eastern mud salamander	<i>Pseudotriton montanus montanus</i>	IV	a
Eastern spadefoot	<i>Scaphiophus holbrookii</i>	IV	c
Greater siren	<i>Siren lacertina</i>	IV	a
Green salamander	<i>Aneides aeneus</i>	II	b
Jefferson salamander	<i>Ambystoma jeffersonianum</i>	IV	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
Mountain chorus frog	<i>Pseudacris brachyphona</i>	II	a
New Jersey chorus frog	<i>Pseudacris kalmi</i>	IV	c
Northern pygmy salamander	<i>Desmognathus organi</i>	III	c
Oak toad	<i>Anaxyrus quercicus</i>	II	a
Peaks of Otter salamander	<i>Plethodon hubrichti</i>	I	c
Shenandoah Mountain salamander	<i>Plethodon virginia</i>	III	c
Shovel-nosed salamander	<i>Desmognathus marmoratus</i>	III	a
Southern chorus frog	<i>Pseudacris nigrita</i>	IV	c
Southern zigzag salamander	<i>Plethodon ventralis</i>	II	c
Weller's salamander	<i>Plethodon welleri</i>	I	b
Yonahlossee salamander	<i>Plethodon yonahlossee</i>	IV	c

REPTILES

Common rainbow snake	<i>Farancia erytrogramma erytrogramma</i>	IV	a
Common ribbonsnake	<i>Thamnophis sauritus sauritus</i>	IV	a
Cumberland slider	<i>Trachemys scripta troostii</i>	III	c
Eastern black kingsnake	<i>Lampropeltis nigra</i>	III	c
Eastern glossy swampsnake (formerly Glossy crayfish snake)	<i>Liodytes (formerly Regina) rigida rigida</i>	III	c
Eastern hog-nosed snake	<i>Heterodon platirhinos</i>	IV	c
Eastern mudsnake	<i>Farancia abacura abacura</i>	IV	a
Eastern slender glass lizard	<i>Ophisaurus attenuatus longicaudus</i>	IV	a
Mountain earthsnake	<i>Virginia valeriae pulchra</i>	II	c
Northern diamond-backed terrapin	<i>Malaclemys terrapin terrapin</i>	II	a
Northern map turtle	<i>Graptemys geographica</i>	IV	a
Northern pinesnake	<i>Pituophis melanoleucus melanoleucus</i>	I	a
Northern scarletsnake	<i>Cemophora coccinea copei</i>	IV	a
Queensnake	<i>Regina septemvittata</i>	IV	a
Scarlet kingsnake	<i>Lampropeltis elapsoides</i>	III	c
Smooth greensnake	<i>Opheodrys vernalis</i>	III	a
Southeastern crowned snake	<i>Tantilla coronata</i>	IV	c
Snapping turtle	<i>Chelydra serpentina</i>	IV	b
Spiny softshell	<i>Apalone spinifera spinifera</i>	IV	a
Spotted turtle	<i>Clemmys guttata</i>	III	a

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Stripe-necked musk turtle	<i>Sternotherus minor peltifer</i>	IV	a
Timber rattlesnake	<i>Crotalus horridus</i>	IV	a
(western Virginia population)			
Woodland (formerly Eastern) box turtle	<i>Terrapene carolina carolina</i>	III	a
Yellow-bellied slider	<i>Trachemys scripta scripta</i>	IV	b
<u>BIRDS</u>			
American black duck	<i>Anas rubripes</i>	II	a
American oystercatcher	<i>Haematopus palliatus</i>	II	a
American woodcock	<i>Scolopax minor</i>	II	a
Bank swallow	<i>Riparia riparia</i>	III	c
Barn owl	<i>Tyto alba</i>	III	a
Belted kingfisher	<i>Megasceryle leucogaster</i>	III	b
Bicknell's thrush	<i>Catharus bicknelli</i>	IV	a
Black skimmer	<i>Rynchops niger</i>	II	a
Black-and-white warbler	<i>Mniotilta varia</i>	IV	a
Black-bellied plover (winter)	<i>Pluvialis squatarola</i>	IV	a
Black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	II	b
Black-crowned night-heron	<i>Nycticorax nycticorax</i>	III	a
Brown thrasher	<i>Toxostoma rufum</i>	IV	a
Brant	<i>Branta bernicla</i>	III	a
Canada warbler	<i>Cardellina canadensis</i>	IV	b
Cerulean warbler	<i>Setophaga cerulea</i>	II	a
Chimney swift	<i>Chaetura pelagica</i>	IV	b
Clapper rail	<i>Rallus longirostris</i>	IV	a
Common tern	<i>Sterna hirundo</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	a
Eastern towhee	<i>Pipilo erythrophthalmus</i>	IV	a
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	III	a
Eastern wood-pewee	<i>Contopus virens</i>	IV	b
Field sparrow	<i>Spizella pusilla</i>	IV	a
Forster's tern	<i>Sterna forsteri</i>	III	a
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</i>	IV	a
Gray catbird	<i>Dumetella carolinensis</i>	IV	a
Greater scaup	<i>Aythya marila</i>	IV	a
Green heron	<i>Butorides virescens</i>	IV	b
Kentucky warbler	<i>Geothlypis formosa</i>	III	a

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King rail	<i>Rallus elegans</i>	II	b
Laughing gull	<i>Leucophaeus atricilla</i>	IV	a
Least bittern	<i>Ixobrychus exilis</i>	III	a
Least tern	<i>Sterna antillarum</i>	III	a
Little blue heron	<i>Egretta caerulea</i>	II	a
Marbled godwit	<i>Limosa fedoa</i>	IV	a
Marsh wren	<i>Cistothorus palustris</i>	IV	a
Nelson's sparrow (winter)	<i>Ammodramus nelsoni</i>	III	a
Northern bobwhite	<i>Bolinus virginianus</i>	III	a
Northern flicker	<i>Colaptes auratus</i>	IV	b
Northern harrier	<i>Circus cyaneus</i>	III	a
Northern gannet	<i>Morus bassanus</i>	IV	a
Northern pintail	<i>Anas acuta</i>	IV	a
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	IV	c
Northern saw-whet owl	<i>Aegolius acadicus</i>	I	c
Purple sandpiper	<i>Calidris maritima</i>	IV	c
Red crossbill (Type I)	<i>Loxia curvirostra</i>	III	c
Red-throated loon	<i>Gavia stellate</i>	IV	a
Royal tern	<i>Thalasseus maxima</i>	IV	a
Ruffed grouse	<i>Bonasa umbellus</i>	III	a
Rusty blackbird	<i>Euphagus carolinus</i>	IV	b
Saltmarsh sparrow	<i>Ammodramus caudacutus</i>	III	a
Sanderling	<i>Calidris alba</i>	IV	a
Seaside sparrow	<i>Ammodramus maritimus</i>	IV	a
Short-billed dowitcher	<i>Limnodromus griseus</i>	IV	a
Snowy egret	<i>Egretta thula</i>	II	a
Swainson's warbler	<i>Limnotypis swainsonii</i>	II	c
Virginia rail	<i>Rallus limicola</i>	IV	a
Wayne's black-throated green warbler	<i>Setophaga virens waynei</i>	I	c
Whimbrel	<i>Numenius phaeopus</i>	IV	a
Willet	<i>Tringa semipalmata</i>	III	a
Wood thrush	<i>Hylocichla mustelina</i>	IV	b
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	III	a
Yellow-breasted chat	<i>Icteria virens</i>	IV	a
Yellow-crowned night-heron	<i>Nyctanassa violacea</i>	II	a

MAMMALS

Allegheny woodrat	<i>Neotoma magister</i>	IV	a
Appalachian cottontail	<i>Sylvilagus obscurus</i>	IV	a
Cotton mouse	<i>Peromyscus gossypinus gossypinus</i>	IV	a
Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>	II	c
Eastern red bat (proposed for inclusion)	<i>Lasiurus borealis</i>	IV	a
Eastern small-footed myotis	<i>Myotis leibii</i>	I	a

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Eastern spotted skunk	<i>Spilogale putorius putorius</i>	IV	c
Fisher	<i>Martes pennanti pennanti</i>	IV	c
Hoary bat	<i>Lasiurus cinereus</i>	IV	a
Long-tailed shrew	<i>Sorex dispar 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 (proposed for inclusion)	<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

Atlantic bottlenose dolphin	<i>Tursiops truncatus</i>	III	b
Harbor porpoise	<i>Phocoena phocoena</i>	IV	c

MOLLUSKS

Freshwater Mussels & Peacocks

Alewife floater	<i>Anodonta imbecilis</i>	IV	a
Atlantic spike	<i>Elliptio producta</i>	IV	c
Carolina lance mussel	<i>Elliptio angustata</i>	IV	c
Carolina slabshell mussel	<i>Elliptio congrua</i>	IV	a
Creeper	<i>Strophitus undulatus</i>	IV	a
Cumberland moccasinshell	<i>Medionidus conradicus</i>	IV	a
Eastern lampmussel	<i>Lampsilis radiata</i>	IV	a
Eastern pondmussel	<i>Ligumia nasuta</i>	IV	a
Elktoe	<i>Alasmidonta marginata</i>	II	c
Florida pondhorn	<i>Unio caroliniana</i>	IV	c
Golden riffleshell	<i>Epioblasma florentina aureola</i>	I	a
Mountain creekshell mussel	<i>Villosa vanuxemensis vanuxemensis</i>	IV	a
Northern lance mussel	<i>Elliptio fisheriana</i>	IV	b
Notched rainbow	<i>Villosa constricta</i>	III	a
Pink heelsplitter	<i>Potamilus alatus</i>	III	b
Pocketbook mussel	<i>Lampsilis ovata</i>	IV	a
Roanoke slabshell	<i>Elliptio roanokensis</i>	II	b
Round peacock	<i>Pisidium equilaterale</i>	IV	c
Tennessee clubshell	<i>Pleurobema oviforme</i>	III	a
Tennessee pigtoe	<i>Fusconaia barnesiana</i>	II	a
Tidewater mucket	<i>Leptodea ochracea</i>	IV	a
Triangle floater	<i>Alasmidonta undulata</i>	IV	a
Virginia pigtoe	<i>Lexingtonia subplana</i>	I	b
Yellow lampmussel	<i>Lampsilis cariosa</i>	II	a

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<u>Freshwater & Land Snails</u>			
Appalachia bellytooth	<i>Gastrodonta fonticola</i>	III	c
Baffled three-tooth	<i>Triodopsis fradulenta</i>	IV	c
Balsam globe	<i>Mesodon andrewsae</i>	II	c
Barred supercoil	<i>Paravitrea seradens</i>	II	c
Bidentate dome	<i>Ventridens coelaxis</i>	III	c
Black mantleslug	<i>Pallifera hemphilli</i>	II	c
Black Mountain disc	<i>Discus nigrimontanus</i>	IV	c
Blotchy mantleslug	<i>Megapallifera wetherbyi</i>	II	c
Blue Ridge springsnail	<i>Fontigens orolibas</i>	III	c
Bluegrass snaggletooth	<i>Gastrocopta clappi</i>	III	c
Bottle hornsnail	<i>Pleurocera gradate</i>	I	c
Brilliant glyph	<i>Glyphyalinia praecox</i>	IV	c
Brown globelet	<i>Inflectarius kalmianus</i>	II	c
Brown walker	<i>Pomatiopsis cincinnatiensis</i>	III	c
Budded three-tooth	<i>Triodopsis tennesseensis</i>	IV	c
Buttressed threetooth	<i>Triodopsis rugosa</i>	IV	c
Carinate slitmouth	<i>Stenotrema spinosum</i>	III	c
Carter threetooth	<i>Triodopsis anteridon</i>	III	c
Cherrystone drop	<i>Hendersonia occulta</i>	IV	c
Chesapeake ambersnail	<i>Oxyloma subeffusum</i>	III	c
Clingman covert	<i>Fumonelix wheatleyi</i>	III	c
Coal elimia	<i>Elimia aterina</i>	II	c
Comb supercoil	<i>Paravitrea dentilla</i>	II	c
Crossed dome	<i>Ventridens discussatus</i>	III	c
Cumberland liptooth	<i>Millerelix plicata</i>	III	c
Cupped vertigo	<i>Vertigo clappi</i>	III	c
Delicate vertigo	<i>Vertigo bollesiana</i>	II	c
Depressed glyph	<i>Glyphyalinia virginica</i>	III	c
Dusky fossaria	<i>Fossaria dalli</i>	IV	c
Fine-ribbed striate	<i>Striatura milium</i>	IV	c
Five-tooth vertigo	<i>Vertigo ventricosa</i>	III	c
Flat button	<i>Mesomphix subplanus</i>	III	c
Funnel supercoil	<i>Paravitrea mira</i>	II	c
Glassy grapeskin	<i>Vitrinizonites latissimus</i>	IV	c
Glossy covert	<i>Fumonelix christyi</i>	III	c
Glossy supercoil	<i>Paravitrea placentula</i>	II	c
Golden dome	<i>Ventridens arcellus</i>	IV	c
Gravel elimia	<i>Elimia catenaria</i>	IV	c
Hanging Rock threetooth	<i>Triodopsis pendula</i>	II	c
Highland slitmouth	<i>Stenotrema altispira</i>	II	c
Hollow dome	<i>Ventridens lasmodon</i>	IV	c

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Lowland pillsnail	<i>Euchemotrema leai</i>	IV	c
Maryland glyph	<i>Glyphyalinia raderi</i>	II	c
Mountain disc	<i>Anguispira jessica</i>	III	c
Natural Bridge supercoil	<i>Paravitrea pontis</i>	III	c
Oblong ancyliid	<i>Ferrissia parallelus</i>	IV	c
Ovate vertigo snail	<i>Vertigo ovata</i>	IV	c
Palmetto vertigo	<i>Vertigo oralis</i>	IV	c
Panhandle pebblesnail	<i>Somatogyrus virginicus</i>	II	c
Pearl supercoil	<i>Paravitrea calcicola</i>	IV	c
Piedmont pondsnaill	<i>Stagnicola neopalustris</i>	I	c
Pinhole threetooth	<i>Triodopsis messana</i>	IV	c
Pittsylvania three-tooth	<i>Triodopsis burchi</i>	IV	c
Proud globe snail	<i>Mesodon elevatus</i>	IV	c
Pygmy slitmouth	<i>Stenotrema pilula</i>	III	c
Ribbed striate	<i>Striatura exigua</i>	IV	c
Ridged lioplax	<i>Lioplax subcarinata</i>	IV	c
Round supercoil	<i>Paravitrea reesei</i>	II	c
Rounded dome	<i>Ventridens lawae</i>	III	c
Rust glyph	<i>Glyphyalinia picea</i>	II	c
Seep mudalia	<i>Leptoxis dilatata</i>	IV	c
Sharp sprite	<i>Promenetus exacuouus</i>	IV	c
Shrew supercoil	<i>Paravitrea blarina</i>	II	c
Slender supercoil	<i>Paravitrea subtilis</i>	II	c
Slim snaggletooth	<i>Gastrocopta pellucida</i>	IV	c
Smallmouth vertigo	<i>Vertigo parvula</i>	III	c
Smooth bladetooth	<i>Patera laevior</i>	IV	c
Snowhill ambersnail	<i>Catinella hubrichti</i>	II	c
Spruce Knob threetooth	<i>Triodopsis picea</i>	II	c
Suborb glyph	<i>Glyphyalinia sculptilis</i>	IV	c
Swamp vertigo	<i>Vertigo teskeyae</i>	IV	c
Talus coil	<i>Helicodiscus triodus</i>	II	c
Temperate coil	<i>Helicodiscus shimeki</i>	IV	c
Threeridge	<i>Amblema plicata</i>	III	b
Three-ridge valvata	<i>Valvata tricarinata</i>	IV	c
Tiny liptooth	<i>Lobosculum pustuloides</i>	III	c
Trumpet vallonina	<i>Vallonia parvula</i>	IV	c
Twilight coil	<i>Helicodiscus multidens</i>	IV	c
Variable mantleslug	<i>Pallifera varia</i>	III	c
Virginia bladetooth	<i>Patera panselenus</i>	III	c
Virginia mantleslug	<i>Philomycus virginicus</i>	III	c
Widespread column	<i>Pupilla muscorum</i>	IV	c
Wrinkled button	<i>Mesomphix rugeli</i>	IV	c
Yellow dome	<i>Ventridens pilsbryi</i>	IV	c
Yellow globelet snail	<i>Mesodon clausus</i>	IV	c

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CRUSTACEANS			
Alleghany County cave amphipod	<i>Stygobromus hoffmani</i>	II	c
Allegheny crayfish	<i>Orconectes obscurus</i>	IV	c
Amphipod (no common name)	<i>Crangonyx acicularis</i>	III	c
Amphipod (no common name)	<i>Crangonyx montanus</i>	III	c
Appalachian Valley cave amphipod	<i>Crangonyx antennatus</i>	III	c
Bath County cave amphipod	<i>Stygobromus mundus</i>	II	c
Big Stone crayfish	<i>Cambarus sp. 1</i>	I	c
Bland County amphipod	<i>Crangonyx fontinalis</i>	II	c
Blue crayfish	<i>Cambarus monongalensis</i>	II	a
Blue Ridge spring amphipod	<i>Stygobromus spinosus</i>	III	c
Burnsville Cove cave amphipod	<i>Stygobromus conradi</i>	II	c
Chowanoke crayfish	<i>Orconectes virginienensis</i>	III	a
Coalfields crayfish	<i>Cambarus theepiensis</i>	II	c
Craig County cave amphipod	<i>Stygobromus estesi</i>	II	c
Cumberland Gap cave amphipod	<i>Batrachus angulus</i>	I	c
Cumberland Gap cave isopod	<i>Caecidotea cumberlandensis</i>	II	c
Cumberland cave amphipod	<i>Stygobromus cumberlandus</i>	II	c
Dismal Swamp isopod	<i>Caecidotea attenuatus</i>	II	c
Ephemeral cave amphipod	<i>Stygobromus ephemerus</i>	I	a
Finley's cave amphipod	<i>Stygobromus finleyi</i>	II	c
Henrot's cave isopod	<i>Caecidotea henroti</i>	II	c
Incurved cave isopod	<i>Caecidotea incurva</i>	II	c
Kenk's amphipod (also known as Rock Creek groundwater amphipod)	<i>Stygobromus kenki</i>	II	c
Lancaster County amphipod	<i>Crangonyx baculispina</i>	I	c
Lee County cave amphipod	<i>Stygobromus leensis</i>	II	c
Lee County terrestrial cave isopod	<i>Ligidium elrodii leensis</i>	III	c
Longclaw crayfish	<i>Cambarus buntingi</i>	III	a
Luray Caverns amphipod	<i>Stygobromus pseudospinosus</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>	III	c
New Castle Murder Hole amphipod	<i>Stygobromus interitus</i>	II	c
Northern spring amphipod	<i>Gammarus pseudolimnaeus</i>	IV	c
Northern Virginia well amphipod	<i>Stygobromus phreaticus</i>	I	c
Ohio River shrimp	<i>Macrobrachium ohione</i>	IV	c
Phreatic isopod	<i>Caecidotea phreatica</i>	I	c
Pittsylvania well amphipod	<i>Stygobromus obrutus</i>	II	c
Pizzini's amphipod	<i>Stygobromus pizzinii</i>	II	c
Powell Valley terrestrial isopod	<i>Amerigoniscus henroti</i>	II	c

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Racovitza's terrestrial cave isopod	<i>Miktoniscus racovitzai</i>	III	c
Reticulate crayfish	<i>Orconectes erichsonianus</i>	III	c
Rock Creek groundwater amphipod	<i>Stygobromus kenki</i>	II	c
Rockbridge County cave amphipod	<i>Stygobromus barodyi</i>	II	c
Rye Cove isopod	<i>Lirceus culveri</i>	I	a
Scott County terrestrial cave isopod	<i>Ligidium elrodii scottensis</i>	III	c
Spiny scale crayfish	<i>Cambarus jezerinaci</i>	II	a
Surgeon crayfish	<i>Orconectes forceps</i>	IV	c
Tidewater interstitial amphipod	<i>Stygobromus aræus</i>	III	c
Tidewater ampipod	<i>Stygobromus indentatus</i>	III	c
Tug Valley crayfish	<i>Cambarus hatfieldi</i>	II	c

WORMS & PLANARIANS

A branchiobdelid worm	<i>Ankyrodrilus legacus</i>	IV	c
A cave lumbriculid worm	<i>Spelaedrillus multiporus</i>	II	c
A cave lumbriculid worm	<i>Stylodrilus beattiei</i>	I	c
A cave obligate worm	<i>Cambarincola fallax</i>	IV	c
A cave planarian	<i>Geocentrophora cavernicola</i>	III	c
A groundwater planarian	<i>Procotyla typhlops</i>	I	c
A groundwater planarian	<i>Sphalloplana hypogea</i>	II	c
Bigger's groundwater planarian	<i>Sphalloplana subtilis</i>	II	c
Chandler's planarian	<i>Sphalloplana chandleri</i>	I	c
Holsinger's groundwater planarian	<i>Sphalloplana holsingeri</i>	II	c
Powell Valley planarian	<i>Sphalloplana consimilis</i>	I	c
Rockbridge County cave planarian	<i>Sphalloplana virginiana</i>	I	c

MILLIPEDES & CENTIPEDES

A cave centipede	<i>Nampabius turbator</i>	III	c
A centipede	<i>Escaryus ethopus</i>	IV	c
A millipede	<i>Pseudotremia sublevis</i>	II	c
A millipede	<i>Abacion tessalatum</i>	IV	c
A millipede	<i>Aniulus orientalis</i>	II	c
A millipede	<i>Apheloria virginensis</i>	IV	c
A millipede	<i>Auturus erythropygus</i>	II	c
A millipede	<i>Boraria infesta</i>	IV	c
A millipede	<i>Brachoria dentata</i>	II	c
A millipede	<i>Brachoria insolita</i>	II	c
A millipede	<i>Brachoria separanda</i>	IV	c
A millipede	<i>Brachoria separanda calcaria</i>	III	c
A millipede	<i>Brachoria separanda hamata</i>	III	c
A millipede	<i>Brachoria separanda versicolor</i>	III	c
A millipede	<i>Buotus carolinus</i>	II	c

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A millipede	<i>Chaetaspis albus</i>	IV	c
A millipede	<i>Cherokia georgiana latassa</i>	IV	c
A millipede	<i>Cleidogona lachesis</i>	II	c
A millipede	<i>Desmonus earlei</i>	IV	c
A millipede	<i>Dixioria coronata</i>	III	c
A millipede	<i>Dixioria fowleri</i>	II	c
A millipede	<i>Euryurus leachi fraternus</i>	IV	c
A millipede	<i>Gyalostethus monticolens</i>	IV	c
A millipede	<i>Nannaria simplex</i>	II	c
A millipede	<i>Nannaria wilsoni</i>	IV	c
A millipede	<i>Okeanobates americanus</i>	IV	c
A millipede	<i>Onomeris underwoodi</i>	IV	c
A millipede	<i>Orinisobates nigrior</i>	IV	c
A millipede	<i>Petaserpes rosalbus</i>	IV	c
A millipede	<i>Petaserpes strictus</i>	IV	c
A millipede	<i>Pseudopolydesmus paludicolous</i>	III	c
A millipede	<i>Pseudotremia alecto</i>	II	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>	IV	c
A millipede	<i>Rudiloria kleinpeteri</i>	IV	c
A millipede	<i>Rudiloria trimaculata tortua</i>	IV	c
A millipede	<i>Scytonotus virginicus</i>	IV	c
A millipede	<i>Semionellus placidus</i>	III	c
A millipede	<i>Striaria causeyae</i>	II	c
A millipede	<i>Striaria columbiana</i>	II	c
A millipede	<i>Striaria granulosa</i>	II	c
A millipede	<i>Thalassisobates littoralis</i>	IV	c
A millipede	<i>Trichomeris sinuata</i>	IV	c
A millipede	<i>Trichopetalum dux</i>	II	c
A millipede	<i>Trichopetalum lunatum</i>	IV	c
A millipede	<i>Uroblaniulus canadensis</i>	IV	c
A millipede	<i>Uroblaniulus jerseyi</i>	III	c
A millipede	<i>Virgoiulus minutus</i>	IV	c
Aeto millipede	<i>Conotyla aeto</i>	II	c
Big Cedar Creek millipede	<i>Brachoria falcifera</i>	II	c
Blowing Rock millipede	<i>Cleidogona medialis</i>	II	c
Brooks millipede	<i>Dixioria brooksi</i>	II	c
Cedar millipede	<i>Brachoria cedra</i>	II	c
Celeno millipede	<i>Conotyla celeno</i>	II	c
Collinwood millipede	<i>Brachoria mendota</i>	II	c
Duke Forest xystodesmid millipede	<i>Nannaria conservata</i>	II	c

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Faithful millipede	<i>Cleidogona fidelitor</i>	II	c
Hoffman's cleidogonid millipede	<i>Cleidogona hoffmani</i>	II	c
Hoffman's xystodesmid millipede	<i>Brachoria hoffmani</i>	II	c
Hungry Mother millipede	<i>Brachoria ethotela</i>	IV	c
Keeton's millipede	<i>Brachoria laminata</i>	II	c
McGraw Gap xystodesmid millipede	<i>Nannaria ericaea</i>	III	c
Melinda millipede	<i>Conotyla melinda</i>	II	c
Montane centipede	<i>Escaryus cryptorobius</i>	II	c
Shenandoah Mountain xystodesmid millipede	<i>Nannaria shenandoah</i>	II	c
Smith Creek xystodesmid millipede	<i>Nannaria laminata</i>	II	c
South Branch Valley cave millipede	<i>Pseudotremia princeps</i>	II	c
Turner's millipede	<i>Brachoria turneri</i>	II	c
Venetia millipede	<i>Conotyla venetia</i>	II	c
Whitop Mountain centipede	<i>Escaryus orestes</i>	II	c

ARACHNIDS

A cave pseudoscorpion	<i>Apochthonius coecus</i>	II	b
A cave pseudoscorpion	<i>Apochthonius holsingeri</i>	II	b
A cave pseudoscorpion	<i>Chitrella cavicola</i>	III	b
A cave pseudoscorpion	<i>Chitrella superba</i>	II	b
A cave pseudoscorpion	<i>Kleptochthonius anophthalmus</i>	II	b
A cave pseudoscorpion	<i>Kleptochthonius binoculatus</i>	II	b
A cave pseudoscorpion	<i>Kleptochthonius proximisetus</i>	II	b
A cave pseudoscorpion	<i>Kleptochthonius regulus</i>	II	b
A cave pseudoscorpion	<i>Kleptochthonius similis</i>	II	b
A cave pseudoscorpion	<i>Mundochthonius holsingeri</i>	II	b
A cave spider	<i>Anthrobia mammothia</i>	III	c
A cave spider	<i>Bathypantes weyeri</i>	III	c
A cave spider	<i>Islandiana muma</i>	II	c
A funnel-web spider	<i>Barronopsis jeffersi</i>	II	c
A gnaphosid spider	<i>Drassyllus louisianus</i>	IV	c
A gnaphosid spider	<i>Gnaphosa fontinalis</i>	IV	c
A nursery-web spider	<i>Pisaurina dubia</i>	IV	c
A two-clawed hunting spider	<i>Castianeira trilineata</i>	IV	c
A two-clawed hunting spider	<i>Clubiona spiralis</i>	IV	c
A wolf spider	<i>Lycosa lenta</i>	IV	c
An amaurobiid spider	<i>Amaurobius borealis</i>	IV	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>	IV	c
Coyle's purse-web spider	<i>Sphodros coylei</i>	IV	c
Crablike spiny orb weaver	<i>Gasteracantha cancriformis</i>	IV	c

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Emerton's crab spider	<i>Xysticus emertoni</i>	IV	c
Gertsch's lampshade-web spider	<i>Hypochilus gertschi</i>	III	c
Gertsch's cave pseudoscorpion	<i>Kleptochthonius gertschi</i>	II	b
Lutz's cave pseudoscorpion	<i>Kleptochthonius lutzii</i>	II	b
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>Antridiaetus robustus</i>	III	c
Shenandoah pseudoscorpion	<i>Kleptochthonius polychaetus</i>	III	b
Southeastern wandering spider	<i>Anahita punctulata</i>	IV	c
Thorell's lampshade-web spider	<i>Hypochilus thorelli</i>	IV	c
Valentine's cave pseudoscorpion	<i>Microcreagris valentinei</i>	II	b

INSECTS

A cane moth	<i>Argillophora furcilla</i>	IV	c
A cane moth	<i>Franclemontia interrogans</i>	IV	c
A cave beetle	<i>Pseudanophthalmus gracilis</i>	II	c
A cave beetle	<i>Pseudanophthalmus pusio</i>	III	c
A cave beetle	<i>Pseudanophthalmus seclusus</i>	II	c
A geometrid moth	<i>Lophosis laberculata</i>	IV	c
A geometrid moth	<i>Lytrosis permagnaria</i>	IV	c
A ground beetle	<i>Cyclotrachelus incisus</i>	III	c
A ground beetle	<i>Phloeoxena signata</i>	IV	c
A ground beetle	<i>Rhadine caudata</i>	IV	c
A leaf beetle	<i>Calligrapha pnirsa</i>	IV	c
A limnephilid caddisfly	<i>Anabolia apora</i>	II	c
A limnephilid caddisfly	<i>Nemotaulius hostilis</i>	IV	c
A mayfly	<i>Baetisca rubescens</i>	III	c
A mayfly	<i>Ephemerella inconstans</i>	III	c
A mayfly	<i>Habrophlebiodes celeteria</i>	III	c
A mayfly	<i>Isonychia arida</i>	IV	c
A mayfly	<i>Isonychia serrata</i>	IV	c
A mayfly	<i>Isonychia tusculanensis</i>	II	c
A mayfly	<i>Paraleptophlebia assimilis</i>	III	c
A mayfly	<i>Paraleptophlebia jeanae</i>	III	c
A mayfly	<i>Rhithrogena anomala</i>	III	c
A mirid bug	<i>Bothynotus johnstoni</i>	IV	c
A noctuid moth	<i>Hadena ectypa</i>	IV	c
A noctuid moth	<i>Meropleon titan</i>	IV	c
A noctuid moth	<i>Oxycilla mitographa</i>	IV	c
A noctuid moth	<i>Zale curema</i>	IV	c
A philopotamid caddisfly	<i>Wormaldia thyria</i>	III	c
A rhyacophilid caddisfly	<i>Rhyacophila tricornuta</i>	II	c
A shield bug	<i>Galgupha denudata</i>	IV	c

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A spur-throat grasshopper	<i>Melanoplus pachycercus</i>	IV	c
A tiger beetle	<i>Cicindela formosa generosa</i>	IV	c
A tiger beetle	<i>Cicindela gratiosa</i>	IV	c
A tiger beetle	<i>Cicindela limbalis</i>	IV	c
A turtle bug	<i>Oncozygia clavicornis</i>	IV	c
A water scorpion	<i>Nepa apiculata</i>	IV	c
A water strider	<i>Limnoporus dissortis</i>	IV	c
Acuminate water boatman	<i>Ramphocorixa acuminata</i>	IV	c
Allegheny mayfly	<i>Ameletus cryptostimulus</i>	IV	c
Allegheny river cruiser	<i>Macromia alleghaniensis</i>	IV	c
Allegheny snaketail	<i>Ophiogomphus allegheniensis</i>	III	c
American Bumble Bee	<i>Bombus pensylvanicus</i>	IV	a
American emerald	<i>Cordulia shurtleffi</i>	IV	c
An assassin bug	<i>Ploiaria hirticornis</i>	IV	c
Appalachian grasshopper	<i>Appalachia hebardii</i>	III	c
Appalachian jewelwing	<i>Calopteryx angustipennis</i>	III	c
Appalachian rhyacophilid caddisfly	<i>Rhyacophila appalachia</i>	III	c
Appalachian snaketail	<i>Ophiogomphus incurvatus alleghaniensis</i>	II	c
Appalachian stonefly	<i>Hansonoperla appalachia</i>	II	c
Arogos skipper	<i>Atrytone arogos arogos</i>	I	c
Ashton Cuckoo Bumble Bee	<i>Bombus bohemicus</i>	I	a
Avernus cave beetle	<i>Pseudanophthalmus avernus</i>	II	c
Banner clubtail	<i>Gomphus apomyius</i>	IV	c
Barrens dagger moth	<i>Acronicta albarufa</i>	IV	c
Barrens tiger beetle	<i>Cicindela patruela</i>	III	c
Beaverpond baskettail	<i>Epithea canis</i>	IV	c
Beaverpond clubtail	<i>Gomphus borealis</i>	IV	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>Ephemerella berneri</i>	III	c
Big stripetail stonefly	<i>Isoperla major</i>	I	a
Black dash	<i>Euphyes conspicua</i>	IV	c
Black lordithon rove beetle	<i>Lordithon niger</i>	III	c
Black-tipped darner	<i>Aeshna tuberculifera</i>	IV	c
Blackwater bluet	<i>Enallagma weewa</i>	IV	c
Blue Ridge snowfly	<i>Allocapnia stannardi</i>	III	c
Blue Ridge springfly	<i>Remenus kirchneri</i>	III	c
Blue Ridge stonefly	<i>Perlesta frisoni</i>	III	c
Brimley's assassin bug	<i>Pnirontis brimleyi</i>	III	c
Bronze copper	<i>Lycaena hyllus</i>	IV	c
Brook snaketail	<i>Ophiogomphus aspersus</i>	III	c
Buchholz's gray moth	<i>Hypomecis buchholzaria</i>	IV	c
Burgundy bluet	<i>Enallagma dubium</i>	IV	c

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Burkes Garden cave beetle	<i>Pseudanophthalmus hortulanus</i>	II	c
Canada darter	<i>Aeshna canadensis</i>	IV	c
Carolina salmonfly	<i>Pteronarcys scotti</i>	IV	c
Carolina spreadwing	<i>Lestes vidua</i>	IV	c
Chalk-fronted corporal skimmer	<i>Ladona julia</i>	IV	c
Cherokee clubtail	<i>Gomphus consanguis</i>	II	c
Chestnut clearwing moth	<i>Synanthedon castaneae</i>	IV	c
Chestnut leaf-mining moth	<i>Tischeria perplexa</i>	III	c
Cinnamon shadowdragon	<i>Neurocordulia virginensis</i>	IV	c
Combneck assassin bug	<i>Ctenotrachelus shermani</i>	IV	c
Consort underwing	<i>Catocala consors sorsconi</i>	IV	c
Coppery emerald	<i>Somatochlora georgiana</i>	III	c
Crossroads Cave beetle	<i>Pseudanophthalmus intersectus</i>	II	c
Cryptic willowfly	<i>Taeniopteryx nelsoni</i>	I	b
Cumberland Gap cave beetle	<i>Pseudanophthalmus hirsutus</i>	II	c
Dark stoneroor borer moth	<i>Papaipema duplicata</i>	IV	c
Deceptive cave beetle	<i>Pseudanophthalmus deceptivus</i>	II	c
Delicate cave beetle	<i>Pseudanophthalmus delicatus</i>	III	c
Delta-spotted spiketail	<i>Cordulegaster diastatops</i>	IV	c
Diana fritillary	<i>Speyeria diana</i>	IV	c
Dismal Swamp green stink bug	<i>Chlorochroa dismala</i>	III	c
Doll's Merolonch moth	<i>Merolonche dolli</i>	III	c
Dot-tailed whiteface	<i>Leucorrhinia intacta</i>	IV	c
Dotted skipper	<i>Hesperia attalus slossonae</i>	II	c
Drake's water scorpion	<i>Ranatra drakei</i>	IV	c
Dukes' skipper	<i>Euphyes dukesi</i>	III	c
Dusky roadside-skipper	<i>Amblyscirtes alternata</i>	III	c
Dusky sallfly	<i>Alloperla biserrata</i>	III	c
Early hairstreak	<i>Erora laeta</i>	IV	c
Elfin skimmer	<i>Nannothemis bella</i>	IV	c
Elusive clubtail	<i>Stylurus notatus</i>	II	c
Emerald spreadwing	<i>Lestes dryas</i>	IV	c
Faded pennant	<i>Celithemis ornata</i>	IV	c
Fine-lined emerald	<i>Somatochlora filosa</i>	IV	c
Frosted elfin	<i>Callophrys irus</i>	IV	c
Frosted whiteface	<i>Leucorrhinia frigida</i>	IV	c
Gammon's riffle beetle	<i>Stenelmis gammoni</i>	II	c
Georgia Isonychia mayfly	<i>Isonychia georgiae</i>	III	c
Georgia satyr	<i>Neonympha areolata</i>	IV	c
Gray petaltail	<i>Tachopteryx thoreyi</i>	IV	c
Green-faced clubtail	<i>Gomphus viridifrons</i>	II	c
Green-striped darter	<i>Aeshna verticalis</i>	IV	c
Hagen's bluet	<i>Enallagma hageni</i>	IV	c
Harpoon clubtail	<i>Gomphus descriptus</i>	IV	c

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Hebard's noctuid moth	<i>Erythroecia hebardii</i>	III	c
Hercules club stink bug	<i>Elasmotethus atricornis</i>	IV	c
Hessel's hairstreak	<i>Callophrys hesseli</i>	III	c
Highlands springfly	<i>Yugus arinus</i>	III	c
Hoary elfin	<i>Callophrys polios</i>	IV	c
Hoffman's Isonychia mayfly	<i>Isonychia hoffmani</i>	II	c
Holston sallfly	<i>Sweltsa holstonensis</i>	II	c
Hubbard's cave beetle	<i>Pseudanophthalmus hubbardi</i>	II	c
Hubricht's cave beetle	<i>Pseudanophthalmus hubrichti</i>	II	c
Hudsonian whiteface	<i>Leucorrhinia hudsonica</i>	IV	c
Illinois snowfly	<i>Allocaupnia illinoensis</i>	III	c
Jane's meadowhawk	<i>Sympetrum janeae</i>	IV	c
Jefferson's short-nosed scorpionfly	<i>Brachypanorpa jeffersoni</i>	III	c
Johnson's prongbill mayfly	<i>Leptophlebia johnsoni</i>	IV	c
Kanawhole springfly	<i>Diploperla kanawholensis</i>	II	c
King's hairstreak	<i>Satyrium kingi</i>	IV	c
Kosztarab's common stonefly	<i>Acroneuria kosztarabi</i>	I	c
Lance-tipped darner	<i>Aeshna constricta</i>	IV	c
Laura's clubtail	<i>Stylurus laurae</i>	IV	c
Lemmer's pinion moth	<i>Lithophane lemmeri</i>	IV	c
Lilypad clubtail	<i>Arigomphus furcifer</i>	IV	c
Little Kennedy Cave beetle	<i>Pseudanophthalmus cordicollis</i>	II	c
Little metalmark	<i>Calephelis virginienensis</i>	III	c
Lobed roachfly	<i>Tallaperla lobata</i>	II	c
Long dash	<i>Polites mystic</i>	IV	c
Long-headed cave beetle	<i>Pseudanophthalmus longiceps</i>	II	c
Maiden Spring cave beetle	<i>Pseudanophthalmus virginicus</i>	II	c
Maine snaketail	<i>Ophiogomphus mainensis</i>	IV	c
Manassas stonefly	<i>Acroneuria flinti</i>	I	c
Mantled baskettail	<i>Epitheca semiaquea</i>	IV	c
Marbled underwing	<i>Catocala marmorata</i>	IV	c
Marsh bluet	<i>Enallagma ebrium</i>	IV	c
Martha's pennant	<i>Celithemis martha</i>	IV	c
Maureen's shale stream beetle	<i>Hydraena maureenae</i>	II	c
Midland clubtail	<i>Gomphus fraternus</i>	IV	c
Milne's Euchlaena moth	<i>Euchlaena milnei</i>	IV	c
Mississippi turtle bug	<i>Allopodops mississippiensis</i>	IV	c
Mitchell needlefly	<i>Leuctra mitchellensis</i>	III	c
Mixed dart moth	<i>Euxoa immixta</i>	IV	c
Monarch Butterfly	<i>Danaus plexippus plexippus</i>	III	a
Montane needlefly	<i>Leuctra monticola</i>	II	c
Mottled duskywing	<i>Erynnis martialis</i>	III	c
Mountain river cruiser	<i>Macromia margarita</i>	II	c
Moustached clubtail	<i>Gomphus adelphus</i>	IV	c

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<u>Common Name</u>	<u>Scientific Name</u>	<u>WAP¹ Tier</u>	<u>WAP¹ Rank</u>
Mud-dwelling cave beetle	<i>Pseudanophthalmus limicola</i>	II	c
Natural Bridge cave beetle	<i>Pseudanophthalmus pontis</i>	II	c
Nelson's cave beetle	<i>Pseudanophthalmus nelsoni</i>	II	c
New River Valley cave beetle	<i>Pseudanophthalmus egberti</i>	II	c
Newfound willowfly	<i>Strophopteryx limata</i>	III	c
Northern bluet	<i>Enallagma cyathigerum</i>	IV	c
Northern bush katydid	<i>Scudderella septentrionalis</i>	IV	c
Northern common spreadwing	<i>Lestes disjunctus</i>	IV	c
Northern metalmark	<i>Calephelis borealis</i>	IV	c
Northern pygmy clubtail	<i>Lanthus parvulus</i>	IV	c
Notched forestfly	<i>Ostrocerca complexa</i>	IV	c
Orange-bellied tiger beetle	<i>Cicindela abdominalis</i>	IV	c
Overlooked cave beetle	<i>Pseudanophthalmus praetermissus</i>	II	c
Palatka skipper	<i>Euphyes pilatka</i>	III	c
Pale bluet	<i>Enallagma pallidum</i>	IV	c
Persius duskywing	<i>Erynnis persius persius</i>	II	c
Petrunkevitch's cave beetle	<i>Pseudanophthalmus petrunkevitchi</i>	II	c
Piedmont clubtail	<i>Gomphus parvidens</i>	IV	c
Pine barrens underwing	<i>Catocala herodias</i>	III	c
Pink-edged sulphur	<i>Colias interior</i>	IV	c
Pink-streak moth	<i>Faronta rubripennis</i>	IV	c
Pitcher plant midge	<i>Metriocnemus knabi</i>	IV	c
Precious underwing	<i>Catocala pretiosa pretiosa</i>	II	c
Pygmy snaketail	<i>Ophiogomphus howei</i>	II	c
Rapids clubtail	<i>Gomphus quadricolor</i>	III	c
Rare skipper	<i>Problema bulenta</i>	II	c
Rare spring moth	<i>Heliomata infulata</i>	IV	c
Red-waisted whiteface	<i>Leucorrhinia proxima</i>	IV	c
Regal darner	<i>Coryphaeschna ingens</i>	IV	c
Regal fritillary	<i>Speyeria idalia idalia</i>	I	a
Rifle snaketail	<i>Ophiogomphus carolus</i>	IV	c
River jewelwing	<i>Calopteryx aequabilis</i>	IV	c
Riverbank tiger beetle	<i>Cicindela ancocisconensis</i>	III	c
Riverine clubtail	<i>Stylurus amnicola</i>	IV	c
Robust baskettail	<i>Epitheca spinosa</i>	IV	c
Rock Island springfly	<i>Isogenoides varians</i>	III	c
Rotund cave beetle	<i>Pseudanophthalmus rotundatus</i>	II	c
Rusty-patched bumble bee	<i>Bombus affinis</i>	I	a
Sable clubtail	<i>Gomphus rogersi</i>	IV	c
Saint Paul cave beetle	<i>Pseudanophthalmus sanctipauli</i>	II	c
Sandpit aldyid bug	<i>Stachyocnemus apicalis</i>	III	c
Schaum's ground beetle	<i>Sphaeroderus schauimi</i>	IV	c
Schwarz' diving beetle	<i>Laccophilus schwarzi</i>	IV	c
Sedge sprite	<i>Nehalennia irene</i>	IV	c

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<u>Common Name</u>	<u>Scientific Name</u>	<u>WAP¹ Tier</u>	<u>WAP¹ Rank</u>
Selys' sundragon	<i>Helocordulia selysii</i>	IV	c
Septima's clubtail	<i>Gomphus septima</i>	II	c
Shenandoah needletail	<i>Megaleuctra flinti</i>	III	c
Shenandoah rhyacophilid caddisfly	<i>Rhyacophila shenandoahensis</i>	III	c
Silken cave beetle	<i>Pseudanophthalmus sericus</i>	II	c
Six-banded longhorn beetle	<i>Dryobius sexnotatus</i>	IV	c
Skillet clubtail	<i>Gomphus ventricosus</i>	II	c
Ski-tailed emerald	<i>Somatochlora elongata</i>	IV	c
Smokies needletail	<i>Megaleuctra williamsae</i>	II	c
Smokies snowfly	<i>Allocaupnia fumosa</i>	III	c
Smoky willowfly	<i>Bolotoperla rossi</i>	IV	c
Smyth's Apamea moth	<i>Apamea smythi</i>	II	c
South Branch Valley cave beetle	<i>Pseudanophthalmus potomaca</i> <i>potomaca</i>	II	c
Southeastern myotis bat fly	<i>Basilisa boardmani</i>	III	c
Southeastern roachfly	<i>Tallaperla cornelia</i>	IV	c
Southern pitcher plant mosquito	<i>Wyeomyia haynei</i>	IV	c
Southern Plains Bumble Bee	<i>Bombus fraternus</i>	II	a
Southern Ptichodis moth	<i>Ptichodis bistrigata</i>	IV	c
Southern springfly	<i>Cultus decus isolatus</i>	III	c
Southern sprite	<i>Nehalennia integracollis</i>	IV	c
Spatterdock damer	<i>Aeshna mutata</i>	III	c
Spatulate snowfly	<i>Allocaupnia simmonsii</i>	II	c
Spectral tiger beetle	<i>Cicindela lepida</i>	IV	c
Sphagnum sprite	<i>Nehalennia gracilis</i>	IV	c
Spieth's great speckled olive mayfly	<i>Siphloplecton costalense</i>	II	c
Spine-crowned clubtail	<i>Gomphus abbreviatus</i>	III	c
Spiny salmonfly	<i>Pteronarcys comstocki</i>	III	c
Spotted cave beetle	<i>Pseudanophthalmus punctatus</i>	II	c
Straley's Cave beetle	<i>Pseudanophthalmus quadratus</i>	II	c
Stripe-winged baskettail	<i>Epitheca costalis</i>	IV	c
Stygian shadowdragon	<i>Neurocordulia yamaskanensis</i>	IV	c
Superb jewelwing	<i>Calopteryx amata</i>	IV	c
Swamp forestfly	<i>Prostoia hallasi</i>	III	c
Swannanoa sallfly	<i>Alloperla nanina</i>	IV	c
Sweet underwing	<i>Catocala dulciola</i>	III	c
Tarter's Ameletus mayfly	<i>Ameletus tarteri</i>	II	c
Tawny crescent	<i>Phyciodes batesii batesii</i>	II	c
Teays stonefly	<i>Perlesta teaysia</i>	III	c
Tennessee sallfly	<i>Alloperla neglecta</i>	III	c
Thin-neck cave beetle	<i>Pseudanophthalmus parvicollis</i>	II	c
Treetop emerald	<i>Somatochlora provocans</i>	IV	c
Tufted sallfly	<i>Alloperla banksi</i>	IV	c
Tuscarora emerald	<i>Nemoria tuscarora</i>	IV	c

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Two-spotted skipper	<i>Euphyes bimacula</i>	IV	c
Two-striped forceptail	<i>Aphylla williamsoni</i>	IV	c
Variable Cuckoo Bumble Bee	<i>Bombus variabilis</i>	I	a
Variegated meadowhawk	<i>Sympetrum corruptum</i>	IV	c
Vernal sallfly	<i>Alloperla ideii</i>	III	c
Vicariant cave beetle	<i>Pseudanophthalmus vicarius</i>	II	c
Virginia sallfly	<i>Sweltsa voshelli</i>	III	c
Virginia springfly	<i>Diploperla morgani</i>	III	c
White corporal skimmer	<i>Ladona exusta</i>	IV	c
White sand-river mayfly	<i>Pseudiron centralis</i>	IV	c
White-faced meadowhawk	<i>Sympetrum obtrusum</i>	IV	c
Widcollar stonefly	<i>Paragnetina ichusa</i>	III	c
Williamson's emerald	<i>Somatochlora williamsoni</i>	IV	c
Yellow Bumble Bee	<i>Bombus fervidus</i>	IV	a
Yellow stoneroot borer moth	<i>Papaipema astuta</i>	IV	c
Yellow-banded Bumble Bee	<i>Bombus terricola</i>	III	a
Yellow-edged Pygarctia moth	<i>Pygarctia abdominalis</i>	IV	c
Yucca giant-skipper	<i>Megathymus yuccae</i>	IV	c
Zebra clubtail	<i>Stylurus scudderii</i>	IV	c

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

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 Virginia Department of Wildlife Resources
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