

Appendix I. Species of Concern

Maryland

SPECIES OF CONCERN IN GARRETT CO. MARYLAND

<i>Maryland</i>		
Classification	Species Name	Common Name
Amphibian	<i>Necturus maculosus</i>	Common Mudpuppy
Amphibian	<i>Cryptobranchus alleganiensis</i>	Eastern Hellbender
Amphibian	<i>Aneides aeneus</i>	Green Salamander
Amphibian	<i>Pseudacris brachyphona</i>	Mountain Chorus Frog
Amphibian	<i>Plethodon wehrlei</i>	Wehrle's Salamander
Bird	<i>Empidonax alnorum</i>	Alder Flycatcher
Bird	<i>Peucaea aestivalis</i>	Bachman's Sparrow
Bird	<i>Haliaeetus leucocephalus</i>	Bald Eagle
Bird	<i>Thryomanes bewickii bewickii</i>	Bewick's Wren
Bird	<i>Setophaga fusca</i>	Blackburnian Warbler
Bird	<i>Junco hyemalis</i>	Dark-eyed Junco
Bird	<i>Regulus satrapa</i>	Golden-crowned Kinglet
Bird	<i>Centronyx henslowii</i>	Henslow's Sparrow
Bird	<i>Lophodytes cucullatus</i>	Hooded Merganser
Bird	<i>Ixobrychus exilis</i>	Least Bittern
Bird	<i>Geothlypis philadelphia</i>	Mourning Warbler
Bird	<i>Leiostyris alpestris</i>	Nashville Warbler
Bird	<i>Accipiter gentilis</i>	Northern Goshawk
Bird	<i>Circus hudsonius</i>	Northern Harrier
Bird	<i>Aegolius acadicus</i>	Northern Saw-whet Owl
Bird	<i>Contopus cooperi</i>	Olive-sided Flycatcher
Bird	<i>Sitta canadensis</i>	Red-breasted Nuthatch
Bird	<i>Cistothorus platensis</i>	Sedge Wren
Bird	<i>Accipiter striatus</i>	Sharp-shinned Hawk
Bird	<i>Porzana carolina</i>	Sora
Bird	<i>Bartramia longicauda</i>	Upland Sandpiper
Bird	<i>Troglodytes hiemalis</i>	Winter Wren
Bird	<i>Sphyrapicus varius</i>	Yellow-bellied Sapsucker
Butterfly/Moth	<i>Speyeria atlantis</i>	Atlantis Fritillary
Butterfly/Moth	<i>Euphydryas phaeton</i>	Baltimore Checkerspot
Butterfly/Moth	<i>Lycaena epixanthe</i>	Bog Copper
Butterfly/Moth	<i>Melanapamea mixta</i>	Coastal Plain Apamea Moth
Butterfly/Moth	<i>Erora laeta</i>	Early Hairstreak

Classification	Species Name	Common Name
Butterfly/Moth	<i>Callophrys irus</i>	Frosted Elfin
Butterfly/Moth	<i>Chlosyne harrisii</i>	Harris's Checkerspot
Butterfly/Moth	<i>Euchloe olympia</i>	Olympia Marble
Butterfly/Moth	<i>Amblyscirtes hegon</i>	Pepper and Salt Skipper
Butterfly/Moth	<i>Colias interior</i>	Pink-edged Sulphur
Butterfly/Moth	<i>Euphyes bimacula</i>	Two-spotted Skipper
Butterfly/Moth	<i>Pieris virginiensis</i>	West Virginia White
Fish	<i>Pararhinichthys bowersi</i>	Cheat Minnow
Fish	<i>Catostomus catostomus</i>	Longnose Sucker
Fish	<i>Clinostomus elongatus</i>	Redside Dace
Fish	<i>Noturus flavus</i>	Stonecat
Flatworm	<i>Paraplanaria dactyligera</i>	A Planarian
Flatworm	<i>Procotyla typhlops</i>	A Planarian
Insect/Arthropod	<i>Caecidotea alleghenyensis</i>	Allegheny Spring Isopod
Insect/Arthropod	<i>Dactylocythere scotos</i>	An Entocytherid Ostracod
Insect/Arthropod	<i>Cordulegaster obliqua</i>	Arrowhead Spiketail
Insect/Arthropod	<i>Aeshna tuberculifera</i>	Black-tipped Darner
Insect/Arthropod	<i>Aeshna canadensis</i>	Canada Darner
Insect/Arthropod	<i>Ladona julia</i>	Chalk-fronted Skimmer
Insect/Arthropod	<i>Arrhopalites sp. 1</i>	Crabtree Cave Springtail
Insect/Arthropod	<i>Leucorrhinia glacialis</i>	Crimson-ringed Whiteface
Insect/Arthropod	<i>Caecidotea franzi</i>	Franz's Cave Isopod
Insect/Arthropod	<i>Aeshna verticalis</i>	Green-striped Darner
Insect/Arthropod	<i>Leucorrhinia hudsonica</i>	Hudsonian Whiteface
Insect/Arthropod	<i>Pseudanophthalmus sp. 15</i>	Maryland Cave Beetle
Insect/Arthropod	<i>Caecidotea nordeni</i>	Norden's Groundwater Isopod
Insect/Arthropod	<i>Cicindela patruela</i>	Northern Barrens Tiger Beetle
Insect/Arthropod	<i>Enallagma annexum</i>	Northern Bluet
Insect/Arthropod	<i>Lanthus parvulus</i>	Northern Pygmy Clubtail
Insect/Arthropod	<i>Boyeria grafiana</i>	Ocellated Darner
Insect/Arthropod	<i>Enallagma antennatum</i>	Rainbow Bluet
Insect/Arthropod	<i>Stenogomphurus rogersi</i>	Sable Clubtail
Insect/Arthropod	<i>Somatochlora elongata</i>	Ski-tailed Emerald
Insect/Arthropod	<i>Lanthus vernalis</i>	Southern Pygmy Clubtail
Insect/Arthropod	<i>Rhionaeschna mutata</i>	Spatterdock Darner
Insect/Arthropod	<i>Calopteryx amata</i>	Superb Jewelwing
Insect/Arthropod	<i>Cordulegaster erronea</i>	Tiger Spiketail
Insect/Arthropod	<i>Bombus terricola</i>	Yellow-banded Bumble Bee
Insect/Arthropod	<i>Stylurus scudderi</i>	Zebra Clubtail
Mammal	<i>Neotoma magister</i>	Allegheny Woodrat
Mammal	<i>Ursus americanus</i>	American Black Bear
Mammal	<i>Sylvilagus obscurus</i>	Appalachian Cottontail

Mammal	<i>Myotis leibii</i>	Eastern Small-footed Myotis
Mammal	<i>Spilogale putorius</i>	Eastern Spotted Skunk
Mammal	<i>Myotis sodalis</i>	Indiana Bat
Mammal	<i>Mustela nivalis</i>	Least Weasel
Mammal	<i>Myotis lucifugus</i>	Little Brown Bat
Mammal	<i>Sorex dispar</i>	Long-tailed Shrew
Mammal	<i>Erethizon dorsatum</i>	North American Porcupine
Mammal	<i>Myotis septentrionalis</i>	Northern Long-eared Bat
Mammal	<i>Sorex fumeus</i>	Smoky Shrew
Mammal	<i>Lepus americanus</i>	Snowshoe Hare
Mammal	<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole
Mammal	<i>Sorex palustris punctulatus</i>	Southern Water Shrew
Mammal	<i>Perimyotis subflavus</i>	Tricolored Bat
Mollusk	<i>Stygobromus allegheniensis</i>	Allegheny Cave Amphipod
Mollusk	<i>Discus catskillensis</i>	Angular Disc Snail
Mollusk	<i>Fontigens bottimeri</i>	Appalachian Springsnail
Mollusk	<i>Stygobromus sp. 5</i>	Barrelville Amphipod
Mollusk	<i>Strophitus undulatus</i>	Creeper
Mollusk	<i>Stygobromus franzi</i>	Franz's Cave Amphipod
Mollusk	<i>Stygobromus emarginatus</i>	Greenbrier Cave Amphipod
Mollusk	<i>Triodopsis picea</i>	Spruce Knob Threetooth
Mollusk	<i>Webbhelix multilineata</i>	Striped Whitelip
Reptile	<i>Nymphalis vaualbum</i>	Compton Tortoiseshell
Reptile	<i>Apalone spinifera</i>	Eastern Spiny Softshell
Reptile	<i>Virginia valeriae pulchra</i>	Mountain Earthsnake
Reptile	<i>Plestiodon anthracinus</i>	Northern Coal Skink

West Virginia

SPECIES OF CONCERN IN WEST VIRGINIA

<i>West Virginia</i>		
Common Name	Species Name	Classification
Cheat Mountain salamander	<i>Plethodon nettingi</i>	Amphibian
eastern black rail (accidental)	<i>Laterallus jamaicensis jamaicensis</i>	Bird
Diamond Darter	<i>Crystallaria cincotta</i>	Fish
Candy Darter	<i>Etheostoma osburni</i>	Fish
Guyandotte River crayfish	<i>Cambarus veteranus</i>	Insect/Anthropod
rusty patched bumble bee	<i>Bombus affinis</i>	Insect/Anthropod
Madison Cave isopod	<i>Antrolana lira</i>	Insect/Anthropod
Big Sandy crayfish	<i>Cambarus callainus</i>	Insect/Anthropod
Indiana Bat	<i>Myotis sodalis</i>	Mammal
gray bat (accidental)	<i>Myotis grisescens</i>	Mammal
Virginia big-eared bat	<i>Corynorhinus townsendii virginianus</i>	Mammal
northern long-eared bat	<i>Myotis septentrionalis</i>	Mammal
tricolored bat	<i>Perimyotis subflavus</i>	Mammal
Pink mucket pearlymussel	<i>Lampsilis abrupta</i>	Mollusk
fanshell	<i>Cyprogenia stegaria</i>	Mollusk
purple cat's paw pearlymussel	<i>Epioblasma obliquata obliquata</i>	Mollusk
northern riffleshell	<i>Epioblasma torulosa rangiana</i>	Mollusk
clubshell	<i>Pleurobema clava</i>	Mollusk
James spiny mussel	<i>Pleurobema collina</i>	Mollusk
snuffbox	<i>Epioblasma triquetra</i>	Mollusk
rayed bean	<i>Villosa fabalis</i>	Mollusk
spectaclecase	<i>Cumberlandia monodonta</i>	Mollusk
sheepnose	<i>Plethobasus cyphus</i>	Mollusk
flat-spined three-toothed land snail	<i>Triodopsis platysayoides</i>	Mollusk
longsolid	<i>Fusconaia subrotunda</i>	Mollusk
harperella	<i>Ptilimnium nodosum</i>	Plant
shale barren rockcress	<i>Arabis serotina</i>	Plant
northeastern bulrush	<i>Scirpus ancistrochaetus</i>	Plant
small whorled pogonia	<i>Isotria medeoloides</i>	Plant
Virginia spiraea	<i>Spiraea virginiana</i>	Plant
round hickorynut	<i>Obovaria subrotunda</i>	Plant

Pennsylvania

Upper Youghiogheny River Management Unit

SPECIES OF CONCERN IN THE UPPER YOUGHIOGHENY RIVER MANAGEMENT UNIT

Pennsylvania

Species or Natural Community Name		
Common Name	Scientific Name	Category
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Birds
West Virginia White	<i>Pieris virginiensis</i>	Butterfly
Acidic Mixed Shrub-Sphagnum Wetland		Community
Sphagnum - Beak-rush Peatland		Community
Allegheny Woodrat	<i>Neotoma magister</i>	Mammal
Appalachian Oak Fern	<i>Gymnocarpium appalachianum</i>	Plant
Beautiful Barbara's-Buttons	<i>Marshallia pulchra</i>	Plant
Blue Monkshood	<i>Aconitum uncinatum</i>	Plant
Bog Goldenrod	<i>Solidago uliginosa</i>	Plant
Buffalo-nut	<i>Pyrularia pubera</i>	Plant
Bushy St. John's wort	<i>Hypericum densiflorum</i>	Plant
Carey's Sedge	<i>Carex careyana</i>	Plant
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
No Common Name	<i>Arnoglossum atriplicifolium</i>	Plant
Rock Skullcap	<i>Scutellaria saxatillis</i>	Plant
Rough-leafed Aster	<i>Eurybia radula</i>	Plant
Sand Grape	<i>Vitis rupestris</i>	Plant
Stiff Cowbane	<i>Oxypolis rigidior</i>	Plant
Umbrella Magnolia	<i>Magnoliia tripetala</i>	Plant
Sensitive Species of Concern*		S
Sensitive Species of Concern*		S
Sensitive Species of Concern*		S
Sensitive Species of Concern*		S

* Species name not listed in order to protect the species

Casselman River Management Unit**SPECIES OF CONCERN IN THE CASSELMAN RIVER MANAGEMENT UNIT***Pennsylvania*

Species or Natural Community Name		
Common Name	Scientific Name	Category
Sensitive Species of Concern*		Animal
Sensitive Species of Concern*		Animal
Sensitive Species of Concern*		Animal
Sensitive Species of Concern*		Animal
Southern Watershrew	<i>Sorex palustris punctulatus</i>	Animal
Northern Harriers	<i>Circus cyaneus</i>	Bird
Osprey	<i>Pandion haliaetus</i>	Bird
West Virginia White	<i>Pieris virginiensis</i>	Butterfly
Sensitive Species of Concern*		dragonfly
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Allegheny Woodrat	<i>Neotoma magister</i>	Plant
Appalachian blue violet	<i>Viola appalachiensis</i>	Plant
Appalachian Oak Fern	<i>Gymnocarpium appalachianum</i>	Plant
Beautiful Barbara's-Buttons	<i>Marshallia pulchra</i>	Plant
Blue Monkshood	<i>Acanitum uncinatum</i>	Plant
Buffalo-nut	<i>Pyrolaria pubera</i>	Plant
Carey's Sedge	<i>Carex careyana</i>	Plant
Carolina tassel-rue	<i>Trautvetteria caroliniensis</i>	Plant
Creeping bluets	<i>Houstonia serpyllifolia</i>	Plant
Fraser's sedge	<i>Cymophyllus fraserianus</i>	Plant
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
No common name	<i>Arnoglossum artiplicifolium</i>	Plant
Rock Skullcap	<i>Scutellaria saxatillis</i>	Plant
Sand Grape	<i>Vitis rupestris</i>	Plant
Stiff Cowbane	<i>Oxypolis rigidior</i>	Plant
Tennessee goldenrod	<i>Solidago roanesis</i>	Plant
Umbrella Magnolia	<i>Magnoliia tripetala</i>	Plant

Common Name	Scientific Name	Category
White monkshood	<i>Aconitum reclinatum</i>	Plant

* Species name not listed in order to protect the species

Laurel Hill Management Unit**SPECIES OF CONCERN IN THE LAUREL HILL CREEK MANAGEMENT UNIT**

Species or Natural Community Name		
Common Name	Scientific Name	Category
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
Stiff Cowbane	<i>Oxypolis rigidior</i>	Plant
Appalachian blue vioolet	<i>Viola appalachiensis</i>	Plant
Creeping bluets	<i>Houstonia serpyllifolia</i>	Plant
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Not stated
Sensitive Species of Concern*		Animal

* Species name not listed in order to protect the species

Middle Youghiogheny River Management Unit

SPECIES OF CONCERN IN THE MIDDLE YOUGHIOGHENY RIVER MANAGEMENT UNIT

Species or Natural Community Name		
Common Name	Scientific Name	Category
Eastern Hellbender	<i>Cryptobranchus alleganiensis alleganiensis</i>	Amphibian
West Virginia White	<i>Pieris virginiensis</i>	Butterfly
Falcate Orangetip	<i>Anthocharis midea</i>	Butterfly
Black Dash	<i>Euphyes conspicua</i>	Butterfly
Hemlock (white pine) - red oak - mixed hardwood forest		Community
Alder - Ninebark Wetland		Community
Big Bluestem - Indian-grass Floodplain Grassland		Community
Sphagnum - Beak-rush Peatland		Community
Zebra Clubtail	<i>Stylurus scudderii</i>	Dragonfly
Gray Petaltail	<i>Tachopteryx thoreyi</i>	Dragonfly
Tiger Spiketail	<i>Cordulegaster erronea</i>	Dragonfly
Allegheny Woodrat	<i>Neotoma magister</i>	Mammal
Long-tailed Shrew	<i>Sorex dispar</i>	Mammal
West Virginia Water Shrew	<i>Sorex Palustris punctulatus</i>	Mammal
Appalachian Cottontail	<i>Sylvilagus obscurus</i>	Mammal
Packard's Lichen Moth	<i>Cisthene packardii</i>	Moth
no common name	<i>Papaipema pterisii</i>	Moth
Shiny Gray Carpet Moth	<i>Stamnodes gibbicostata</i>	Moth
Blue Monkshood	<i>Aconitum uncinatum</i>	Plant
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
Bushy Bluestem	<i>Andropogon glomeratus</i>	Plant
Single-headed Pussy-toes	<i>Antennaria solitaria</i>	Plant
Lobes Spleenwort	<i>Arnoglossum atriplicifolium</i>	Plant
Blue False-indigo	<i>Baptisia australis</i>	Plant
Screw-stem	<i>Bartonia paniculata</i>	Plant
Carey's Sedge	<i>Carex careyana</i>	Plant
Roan Mountain Sedge	<i>Carex roanensis</i>	Plant
Mistflower	<i>Conoclinium coelestinum</i>	Plant
Sensitive Species of Concern	<i>Galium latifolium</i>	Plant
Purple Bedstraw	<i>Galium latifolium</i>	Plant
Creeping Bluets	<i>Houstonia serpyllifolia</i>	Plant
Stiff Cowbane	<i>Oxypolis rigidior</i>	Plant
Veiny Pea	<i>Lathyrus venosus</i>	Plant

Common Name	Scientific Name	Category
Southern Wood-rush	<i>Luzula bulbosa</i>	Plant
Beautiful Barbara's-Buttons	<i>Marshallia pulchra</i>	Plant
Umbrella Magnolia	<i>Magnolia tripetala</i>	Plant
Rock Skullcap	<i>Scutellaria saxatilis</i>)	Plant
Purple Bluets	<i>Houstonia purpurea</i> var. <i>purpurea</i>	Plant
Bushy St. John's-wort	<i>Hypericum densiflorum</i>	Plant
Tennessee Pondweed	<i>Potamogeton tennesseensis</i>	Plant
Bog Goldenrod	<i>Solidago uliginosa</i>	Plant
A Eupatorium	<i>Eupatorium rotundifolium</i>	Plant
Buffalo-nut	<i>Pyrolaria pubera</i>	Plant
Small Globe Beaked-rush	<i>Rhynchospora recognita</i>	Plant
Broad-leaved Willow	<i>Salix myricoides</i>	Plant
Lettuce Saxifrage	<i>Saxifraga micranthidifolia</i>	Plant
Shining Ladies'-tresses	<i>Spiranthes lucida</i>	Plant
Pencilflower	<i>Stylosanthes biflora</i>	Plant
New York Aster	<i>Symphotrichum novi-belgii</i>	Plant
Sand Grape	<i>Vitis rupestris</i>	Plant
Appalachian Gametophyte Fern	<i>Vittaria appalachiana</i>	Plant
Thick-leaved Meadow-rue	<i>Thalictrum coriaceum</i>	Plant
Small Wood Sunflower	<i>Helianthus microcephalus</i>	Plant
Forked Rush	<i>Juncus dichotomus</i>	Plant
Golden Club	<i>Orontium aquaticum</i>	Plant
Rough-leaved Aster	<i>Eurybia radula</i>	Plant
no common name	<i>Arnoglossum atriplicifolium</i>	Plant
Appalachian Oak Fern	<i>Gymnocarpium appalachianum</i>	Plant
Weak Rush	<i>Juncus debilis</i>	Plant
Cross-leaved Milkwort	<i>Polygala cruciata</i>	Plant
Twisted Yellow-eyed Grass	<i>Xyris torta</i>	Plant
Broadbanded Forestsnail	<i>Allogona profunda</i>	Snail
Flamed Tigersnail	<i>Anguispira alternata</i>	Snail
Spike-lip Crater	<i>Appalachina sayana</i>	Snail
Domed Disc	<i>Discus patulus</i>	Snail
Toothed Globe	<i>Mesodon zaletus</i>	Snail

Indian Creek Management Unit

SPECIES OF CONCERN IN THE INDIAN CREEK MANAGEMENT UNIT

Species or Natural Community Name		
Common Name	Scientific Name	Category
Baltimore Checkerspot	<i>Euphydryas phaeton</i>	Butterfly/Moth
Black Dash	<i>Euphyes consipicua</i>	Butterfly/Moth
Coral Hairstreak	<i>Satyrium titus</i>	Butterfly/Moth
Joe-Pye Weed Borer Moth	<i>Papaiperma eupatorii</i>	Butterfly/Moth
West Virginia White	<i>Pieris virginiensis</i>	Butterfly/Moth
Wiggins' Autumn Mottled Sedge	<i>Neophylax wigginsii</i>	Caddisfly
Tiger Spiketail	<i>Cordulegaster erronea</i>	Dragonfly
Allegheny Woodrat	<i>Neotoma magister</i>	Mammal
West Virginia Water Shrew	<i>Sorex palustris punctulatus</i>	Mammal
American Beakgrass	<i>Diarrheana americana</i>	Plant
Appalachian blue vioiolet	<i>Viola appalachiensis</i>	Plant
Bog Bluegrass	<i>Poa paludigena</i>	Plant
Buffalo-nut	<i>Pyrolaria pubera</i>	Plant
Lettuce Saxifrage	<i>Saxifraga micranthidifolia</i>	Plant
Mountain Bugbane	<i>Actaea podocarpa</i>	Plant
Stiff Cowbane	<i>Oxypolis rigidior</i>	Plant
Umbrella Magnolia	<i>Magnoliia tripetala</i>	Plant
Domed Disc	<i>Discus patulus</i>	Snail
Powdermill Forestfly	<i>Soyedina merritti</i>	Stonefly
Sensitive Species of Concern		Not Listed
Sensitive Species of Concern		Not Listed
Sensitive Species of Concern		Not Listed
Sensitive Species of Concern		Not Listed
Sensitive Species of Concern		Not Listed
Alder-Ninebark Wetland		Community
Golden Saxifrage-Pennsylvania Bitter-cress Spring Run		Community
Red Maple Black Ash Palustrine Forest		Community
Spatterdock-Water-lily Emergent Wetland		Community

