

Species of Concern

Asheville Field Office, U.S. Fish and Wildlife Service

Species of concern is an informal term referring to species appearing to be declining or otherwise needing conservation. It may be under consideration for listing or there may be insufficient information to currently support listing. Subsumed under the term "species of concern" are species petitioned by outside parties and other selected focal species identified in Service strategic plans, State Wildlife Action Plans, Professional Society Lists (e.g., AFS, FMCS) or NatureServe state program lists.

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS	At-Risk Species	TAXONOMIC GROUP
<i>Abies fraseri</i>	Fraser Fir	W5	SC		Vascular Plant
<i>Acipenser fulvescens</i>	Lake Sturgeon	SC	SC		Freshwater Fish
<i>Aegolius acadicus</i>	Northern Saw-whet Owl	T	SC		Bird
<i>Alasmidonta varicosa</i>	Brook Floater	E	SC	ARS	Freshwater Bivalve
<i>Alasmidonta viridis</i>	Slippershell	E	SC		Freshwater Bivalve
<i>Ambloplites cavifrons</i>	Roanoke Bass	SR	SC		Freshwater Fish
<i>Aneides aeneus</i>	Green Salamander	E	SC	ARS	Amphibian
<i>Anguilla rostrata</i>	American Eel		SC	ARS	Freshwater Fish
<i>Arthonia cupressina</i>	Golden spruce dots (lichen)		SC		Lichen
<i>Arthonia kermesina</i>	Hot dots (lichen)	W7	SC		Lichen
<i>Arthopyrenia betulicola</i>	Old birch spots (lichen)		SC		Lichen
<i>Bombus terricola</i>	Yellow banded bumble bee		SC	ARS	Insect
<i>Buckleya distichophylla</i>	Piratebush	T	SC		Vascular Plant
<i>Buellia sharpiana</i>	Evelyn's buttons (lichen)		SC		Lichen
<i>Calamagrostis cainii</i>	Cain's Reedgrass	E	SC		Vascular Plant
<i>Callophrys irus</i>	Frosted elfin	SR	SC	ARS	Butterfly
<i>Cambarus brimleyorum</i>	Valley River Crayfish	SR	SC		Crustacean
<i>Cambarus chasmodactylus</i>	New River Crayfish		SC	ARS	Crustacean
<i>Cambarus chaugaensis</i>	Chauga Crayfish	SC	SC	ARS	Crustacean
<i>Cambarus eeseehensis</i>	Grandfather Mountain Crayfish	SR	SC	ARS	Crustacean
<i>Cambarus georgiae</i>	Little Tennessee Crayfish	SC	SC	ARS	Crustacean
<i>Cambarus hiwasseeensis</i>	Hiwassee Crayfish	W2	SC		Crustacean
<i>Cambarus lenati</i>	Broad River Stream Crayfish	SR	SC		Crustacean
<i>Cambarus parrishi</i>	Hiwassee Headwaters Crayfish	SC	SC	ARS	Crustacean
<i>Cambarus reburus</i>	French Broad River Crayfish	SR	SC		Crustacean
<i>Cambarus spicatus</i>	Broad River Spiny Crayfish	SC	SC	ARS	Crustacean
<i>Cambarus tuckasegee</i>	Tuckasegee Stream Crayfish	SR	SC		Crustacean
<i>Carex amplisquama</i>	Fort Mountain Sedge	SR-T	SC		Vascular Plant
<i>Carex impressinervia</i>	Ravine Sedge	SR-T	SC	ARS	Vascular Plant
<i>Carex radfordii</i>	Radford's Sedge	T	SC		Vascular Plant
<i>Carpiodes sp. cf. velifer</i>	Atlantic highfin carpsucker	SC	SC		Freshwater Fish
<i>Cephaloziella obtusilobula</i>	Roundleaf Liverwort	W2	SC		Liverwort
<i>Cladonia appalachensis</i>	Appalachian cupless cups (lichen)		SC		Lichen
<i>Cladonia psoromica</i>	Bluff Mountain Reindeer Lichen	T	SC		Lichen

<i>Clinostomus sp. 1</i>	Smoky Dace	SC	SC		Freshwater Fish
<i>Corynorhinus rafinesquii rafinesquii</i>	Rafinesque's Big-eared Bat	T	SC		Mammal
<i>Crataegus oreophila</i>	Balsam Mountain Hawthorn	W7	SC		Vascular Plant
<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	SC	SC	ARS	Amphibian
<i>Danaus plexippus plexippus</i>	Monarch butterfly		SC	ARS	Butterfly
<i>Desmodium ochroleucum</i>	Creamy Tick-trefoil	SC-H	SC		Vascular Plant
<i>Desmognathus aeneus</i>	Seepage Salamander	W2	SC	ARS	Amphibian
<i>Desmognathus organi</i>	Northern Pygmy Salamander	SR	SC		Amphibian
<i>Desmognathus wrighti</i>	Southern Pygmy Salamander	SR	SC		Amphibian
<i>Elliptio dilatata</i>	Spike	SC	SC		Freshwater Bivalve
<i>Etheostoma acuticeps</i>	Sharphead Darter	T	SC		Freshwater Fish
<i>Etheostoma collis</i>	Carolina Darter	SC	SC		Freshwater Fish
<i>Etheostoma vulneratum</i>	Wounded Darter	SC	SC		Freshwater Fish
<i>Eurybia mirabilis</i>	Piedmont Aster	SR-T	SC		Vascular Plant
<i>Eurycea junaluska</i>	Junaluska Salamander	T	SC		Amphibian
<i>Fissidens appalachensis</i>	Appalachian Pocket Moss	W7	SC	ARS	Moss
<i>Fumonelix clingmanica</i>	Summit Covert	T	SC		Freshwater or Terrestrial Gastropod
<i>Fumontana deprehendor</i>	a Harvestman	W3	SC		Arachnid
<i>Fusconaia subrotunda</i>	Longsolid	SR	SC	ARS	Freshwater Bivalve
<i>Gentiana latidens</i>	Balsam Mountain Gentian	SR-L	SC		Vascular Plant
<i>Geum geniculatum</i>	Bent Avens	SC-V	SC		Vascular Plant
<i>Geum lobatum</i>	Lobed Barren Strawberry	E	SC		Vascular Plant
<i>Glyceria nubigena</i>	Smoky Mountain Mannagrass	SR-L	SC		Vascular Plant
<i>Glyphyalinia clingmani</i>	Fragile Glyph	E	SC		Freshwater or Terrestrial Gastropod
<i>Graphis sterlingiana</i>	Sterlings lips (lichen)		SC		Lichen
<i>Hexastylis rhombiformis</i>	French Broad Heartleaf	SR-L	SC		Vascular Plant
<i>Hymenophyllum tayloriae</i>	Gorge Filmy Fern	SR-O	SC		Vascular Plant
<i>Hypericum radfordiorum</i>	Radford's St. John's-wort	SR-L	SC		Vascular Plant
<i>Hypotrachyna virginica</i>	Flaky square britches (lichen)		SC		Lichen
<i>Isoetes virginica</i>	Virginia Quillwort	SR-L	SC		Vascular Plant
<i>Juglans cinerea</i>	Butternut	W5	SC		Vascular Plant
<i>Juncus caesariensis</i>	New Jersey Rush	E	SC		Vascular Plant
<i>Lasmigona holstonia</i>	Tennessee Heelsplitter	E	SC	ARS	Freshwater Bivalve
<i>Lasmigona subviridis</i>	Green Floater	E	SC	ARS	Freshwater Bivalve
<i>Lecanora masana</i>	Masa's disk lichen		SC		Lichen
<i>Lepraria lanata</i>	Appalachian dust bunnies (lichen)		SC		Lichen
<i>Leptoxis dilatata</i>	Seep Mudalia	T	SC		Freshwater Gastropod
<i>Leptoxis virgata</i>	Smooth Mudalia	W3	SC	ARS	Freshwater or Terrestrial Gastropod
<i>Lilium grayi</i>	Gray's Lily	T	SC		Vascular Plant
<i>Loxia curvirostra</i>	Red Crossbill	SC	SC		Bird
<i>Lysimachia fraseri</i>	Fraser's Loosestrife	E	SC		Vascular Plant

<i>Malaxis bayardii</i>	Appalachian Adder's-mouth	SR-T	SC		Vascular Plant
<i>Marshallia grandiflora</i>	Large-flowered Barbara's-buttons	SC-H	SC		Vascular Plant
<i>Medionidus conradicus</i>	Cumberland Moccasinshell	SX	SC	ARS	Freshwater Bivalve
<i>Megaleuctra williamsae</i>	Smokies needlefly	SR	SC	ARS	Stonefly
<i>Moxostoma robustum</i>	Robust Redhorse	E	SC	ARS	Freshwater Fish
<i>Moxostoma sp. 2</i>	Sicklefin redhorse		SC	ARS	Freshwater Fish
<i>Moxostoma sp. 3</i>	Carolina Redhorse	T	SC		Freshwater Fish
<i>Mycoporum biseptum</i>	Charred volcanoes (lichen)		SC		Lichen
<i>Myotis austroriparius</i>	Southeastern Myotis	SC	SC		Mammal
<i>Myotis leibii</i>	Eastern Small-footed Myotis	SC	SC	ARS	Mammal
<i>Myotis lucifugus</i>	Little Brown Bat	SR	SC	ARS	Mammal
<i>Neotoma magister</i>	Allegheny Woodrat	SC	SC		Mammal
<i>Nesticus carolinensis</i>	Linville Caverns Spider	SR	SC		Arachnid
<i>Nesticus cooperi</i>	Lost Nantahala Cave Spider	SR	SC		Arachnid
<i>Noturus gilberti</i>	Orangefin Madtom	E	SC	ARS	Freshwater Fish
<i>Ophiogomphus edmodo</i>	Edmund's Snaketail	SR	SC	ARS	Dragonfly or Damselfly
<i>Ophiogomphus incurvatus</i>	Appalachian Snaketail	W2	SC	ARS	Dragonfly or Damselfly
<i>Orbexilum macrophyllum</i>	Bigleaf Scurfpea	SC-H	SC		Vascular Plant
<i>Packera millefolium</i>	Divided-leaf Ragwort	T	SC		Vascular Plant
<i>Paravitrea ternaria</i>	Sculpted Supercoil	T	SC		Freshwater or Terrestrial Gastropod
<i>Paravitrea varidens</i>	Roan Supercoil	T	SC		Freshwater or Terrestrial Gastropod
<i>Percina burtoni</i>	Blotchside Logperch	E	SC		Freshwater Fish
<i>Percina squamata</i>	Olive Darter	SC	SC		Freshwater Fish
<i>Percina williamsi</i>	Sickle Darter	SC	SC	ARS	Freshwater Fish
<i>Perimyotis subflavus</i>	Tricolored Bat	SR	SC	ARS	Mammal
<i>Phyciodes batesii maconensis</i>	Appalachian Tawny Crescent	SR	SC		Butterfly
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pinesnake	SC	SC		Reptile
<i>Plagiochila caduciloba</i>	A Liverwort	W1	SC	ARS	Liverwort
<i>Plagiochila sharpii</i>	A Liverwort	SR-L	SC	ARS	Liverwort
<i>Plagiochila sullivanii var. spinigera</i>	A Liverwort	SR-L	SC		Liverwort
<i>Plagiochila sullivanii var. sullivanii</i>	A Liverwort	SR-T	SC		Liverwort
<i>Plagiochila virginica var. caroliniana</i>	A Liverwort	SR-T	SC		Liverwort
<i>Plethodon amplus</i>	Blue Ridge Gray-cheeked Salamander	SR	SC	ARS	Amphibian
<i>Plethodon cheoah</i>	Cheoah Bald Salamander	SR	SC	ARS	Amphibian
<i>Plethodon meridianus</i>	South Mountain Gray-cheeked Salamander	SR	SC	ARS	Amphibian
<i>Plethodon welleri</i>	Weller's Salamander	SC	SC	ARS	Amphibian
<i>Pleurobema oviforme</i>	Tennessee Clubshell	E	SC	ARS	Freshwater Bivalve
<i>Pleurocera parva</i>	Dainty Hornsnail		SC		Freshwater Gastropod
<i>Pleuronaia barnesiana</i>	Tennessee Pigtoe	E	SC	ARS	Freshwater Bivalve
<i>Poecile atricapillus</i>	Black-capped Chickadee	SC	SC		Bird

<i>Polyodon spathula</i>	Paddlefish	E	SC		Freshwater Fish
<i>Porella wataugensis</i>	A Liverwort	SR-L	SC		Liverwort
<i>Ptychobranchnus fasciolaris</i>	Kidneyshell		SC		Freshwater Bivalve
<i>Pycnanthemum torreyi</i>	Torrey's Mountain-mint	SR-T	SC		Vascular Plant
<i>Pyrgus wyandot</i>	Appalachian Grizzled Skipper	SR	SC		Butterfly
<i>Rinodina brodoana</i>	Ernie's mountain treasure (lichen)		SC		Lichen
<i>Rinodina chrysomelaena</i>	Muhlenberg's smile (lichen)		SC		Lichen
<i>Robinia hartwigii</i>	Hartweg's Locust	SR-L	SC		Vascular Plant
<i>Rugelia nudicaulis</i>	Rugel's Ragwort	SR-L	SC		Vascular Plant
<i>Santessonniella crossophylla</i>	Old gray cross-lobes (lichen)		SC		Lichen
<i>Sarracenia purpurea</i> var. <i>montana</i>	Southern Appalachian Purple Pitcherplant	SR-L	SC	ARS	Vascular Plant
<i>Setophaga cerulea</i>	Cerulean Warbler	SC	SC		Bird
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	Northern Oconee Bells	E	SC		Vascular Plant
<i>Shortia galacifolia</i> var. <i>galacifolia</i>	Southern Oconee Bells	SC-V	SC		Vascular Plant
<i>Solidago plumosa</i>	Yadkin River Goldenrod	T	SC	ARS	Vascular Plant
<i>Solidago simulans</i>	Granite Dome Goldenrod	SR-L	SC		Vascular Plant
<i>Somatogyrus virginicus</i>	Panhandle Pebblesnail	SR	SC		Freshwater or Terrestrial Gastropod
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	SC	SC		Mammal
<i>Speyeria idalia</i>	Regal Fritillary	SR	SC	ARS	Butterfly
<i>Sphenolobopsis pearsonii</i>	A Liverwort	SR-O	SC		Liverwort
<i>Stenogomphurus consanguis</i>	Cherokee Clubtail	SR	SC	ARS	Dragonfly or Damselfly
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	SR-G	SC		Mammal
<i>Symphyotrichum rhiannon</i>	Buck Creek Aster	T	SC		Vascular Plant
<i>Thaspium pinnatifidum</i>	Mountain Thaspium	T	SC		Vascular Plant
<i>Thoburnia hamiltoni</i>	Rustyside Sucker	E	SC		Freshwater Fish
<i>Thryomanes bewickii</i>	Bewick's Wren	E	SC		Bird
<i>Toxolasma lividum</i>	Purple Lilliput	SX	SC	ARS	Freshwater Bivalve
<i>Toxolasma pullus</i>	Savannah Lilliput	E	SC	ARS	Freshwater Bivalve
<i>Tsuga caroliniana</i>	Carolina Hemlock	W5	SC	ARS	Vascular Plant
<i>Vermivora chrysoptera</i>	Golden-winged Warbler	SC	SC	ARS	Bird
<i>Villosa constricta</i>	Notched Rainbow	SC	SC		Freshwater Bivalve
<i>Villosa vaughaniana</i>	Carolina Creekshell	E	SC		Freshwater Bivalve