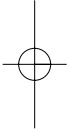


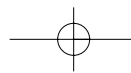
Appendix B

The List of Special Plant and Animal Species for the Southern Appalachian Assessment

Appendix B contains the complete list of special species identified for emphasis in the Southern Appalachian Assessment.

Table B-1 provides information for each species that includes scientific name, common name, taxa, federal status, global rank, criteria used to select a species, and assigned grouping based on habitat association.





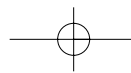
appendix B

Table B–1 The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|-------------------------------------|-----------------------------------|-----------|----------------|-------------|---------------------------|----------------------------|
| <i>Aneides aeneus</i> | Green Salamander | Amphibian | 2 | | 2 | 7 |
| <i>Desmognathus aeneus</i> | Seepage Salamander | Amphibian | 2 | | 2 | 11 |
| <i>Desmognathus imitator</i> | Imitator Salamander | Amphibian | | | 5 | 11 |
| <i>Desmognathus quadramaculatus</i> | Blackbelly Salamander | Amphibian | | | 5 | 11 |
| <i>Desmognathus santeetlah</i> | Santeetlah Dusky Salamander | Amphibian | | | 5 | 11 |
| <i>Desmognathus welteri</i> | Black Mountain Salamander | Amphibian | | | 5 | 11 |
| <i>Desmognathus wrighti</i> | Pigmy Salamander | Amphibian | | | 5 | 11 |
| <i>Eurycea aquatica</i> | Dark-sided (Brownback) Salamander | Amphibian | 2 | | 2 | 11 |
| <i>Eurycea junaluska</i> | Junaluska Salamander | Amphibian | 2 | 2 | 2 | 11 |
| <i>Eurycea wilderae</i> | Blue Ridge Two-lined Salamander | Amphibian | | | 5 | 11 |
| <i>Gyrinophilus palleucus</i> | Tennessee Cave Salamander | Amphibian | 2 | | 2 | 1 |
| <i>Gyrinophilus subterraneus</i> | West Virginia Spring Salamander | Amphibian | 2 | | 2 | 1 |
| <i>Leurognathus marmoratus</i> | Shovelnose Salamander | Amphibian | | | 5 | 11 |
| <i>Plethodon hubrichti</i> | Peaks of Otter Salamander | Amphibian | 2 | 2 | 2 | 10 |
| <i>Plethodon jordani</i> | Jordan's Salamander | Amphibian | | | 5 | 11 |
| <i>Plethodon kentucki</i> | Cumberland Plateau Salamander | Amphibian | | | 5 | 11 |
| <i>Plethodon nettingi</i> | Cheat Mountain Salamander | Amphibian | T | 3 | 1 | 15 |
| <i>Plethodon petraeus</i> | Pigeon Mountain Salamander | Amphibian | | 1 | 2 | 7 |
| <i>Plethodon punctatus</i> | Cow Knob Salamander | Amphibian | 2 | 3 | 2 | 10 |
| <i>Plethodon shenandoah</i> | Shenandoah Salamander | Amphibian | E | 1 | 1 | 7 |
| <i>Plethodon yonahlossee</i> | Yonahlossee Salamander | Amphibian | | | 5 | 11 |
| <i>Accipiter gentilis</i> | Northern Goshawk | Bird | 2 | | 2 | 15 |
| <i>Aegolius acadicus</i> | Northern Saw-whet Owl | Bird | | | 5 | 15 |
| <i>Aimophila aestivalis</i> | Bachman's Sparrow | Bird | 2 | 3 | 2 | 8 |
| <i>Ammodramus henslowii</i> | Henslow's Sparrow | Bird | 2 | | 2 | 8 |
| <i>Bonasa umbellus</i> | Ruffed Grouse | Bird | | | 4 | 12 |
| <i>Coccyzus erythrophthalmus</i> | Black-billed Cuckoo | Bird | | | 5 | 13 |
| <i>Colaptes auratus</i> | Northern Flicker | Bird | | | 6 | 12 |
| <i>Colinus virginianus</i> | Northern Bobwhite | Bird | | | 4 | 8 |
| <i>Contopus virens</i> | Eastern Wood-Pewee | Bird | | | 5 | 10 |
| <i>Dendroica caerulescens</i> | Black-throated Blue Warbler | Bird | | | 5 | 14 |
| <i>Dendroica cerulea</i> | Cerulean Warbler | Bird | 2 | | 2 | 13 |
| <i>Dendroica discolor</i> | Prairie Warbler | Bird | | | 5 | 8 |
| <i>Dendroica fusca</i> | Blackburnian Warbler | Bird | | | 5 | 14 |
| <i>Dendroica pensylvanica</i> | Chestnut-sided Warbler | Bird | | | 5 | 5 |
| <i>Dendroica virens</i> | Black-throated Green Warbler | Bird | | | 5 | 13 |
| <i>Dryocopus pileatus</i> | Pileated Woodpecker | Bird | | | 6 | 13 |
| <i>Dumetella carolinensis</i> | Gray Catbird | Bird | | | 5 | 12 |
| <i>Empidonax vireescens</i> | Acadian Flycatcher | Bird | | | 5 | 11 |
| <i>Falco peregrinus anatum</i> | American Peregrine Falcon | Bird | E | | 1 | 7 |
| <i>Haliaeetus leucocephalus</i> | Bald Eagle | Bird | T | | 1 | 11 |
| | Worm-eating Warbler | Bird | | | 5 | 13 |
| <i>Hylocichla mustelina</i> | Wood Thrush | Bird | | | 5 | 13 |
| <i>Lanius ludovicianus</i> | Loggerhead Shrike | Bird | 2 | | 2 | 8 |
| <i>Limnothlypis swainsonii</i> | Swainson's Warbler | Bird | | | 5 | 13 |
| <i>Loxia curvirostra</i> | Red Crossbill | Bird | | | 5 | 14 |
| <i>Melanerpes carolinus</i> | Red-bellied woodpecker | Bird | | | 7 | 13 |
| <i>Melanerpes erythrocephalus</i> | Red-headed Woodpecker | Bird | | | 6 | 12 |
| <i>Meleagris gallopavo</i> | Eastern Wild Turkey | Bird | | | 4 | 12 |
| <i>Oporornis formosus</i> | Kentucky Warbler | Bird | | | 5 | 13 |
| <i>Parula americana</i> | Northern Parula | Bird | | | 5 | 13 |
| <i>Picoides borealis</i> | Red Cockaded Woodpecker | Bird | E | | 1 | 17 |
| <i>Picoides pubescens</i> | Downy woodpecker | Bird | | | 7 | 10 |
| <i>Picoides villosus</i> | Hairy Woodpecker | Bird | | | 7 | 13 |
| <i>Piranga olivacea</i> | Scarlet Tanager | Bird | | | 5 | 13 |
| <i>Piranga rubra</i> | Summer Tanager | Bird | | | 5 | 13 |
| <i>Protonotaria citrea</i> | Prothonotory Warbler | Bird | | | 5 | 16 |
| <i>Scolopax minor</i> | American Woodcock | Bird | | | 4 | 11 |
| <i>Seiurus aurocapillus</i> | Ovenbird | Bird | | | 5 | 13 |
| <i>Seiurus motacilla</i> | Louisiana Waterthrush | Bird | | | 5 | 11 |

Table B-1 (cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|-------------------------------------|---------------------------------------|--------------|----------------|-------------|---------------------------|----------------------------|
| <i>Sitta pusilla</i> | Brown-headed Nuthatch | Bird | | | 5 | 17 |
| <i>Spizella pusilla</i> | Field Sparrow | Bird | | | 5 | 8 |
| <i>Thryomanes bewickii altus</i> | Appalachian Bewick's Wren | Bird | 2 | | 2 | 5 |
| <i>Vermivora chrysoptera</i> | Golden-winged Warbler | Bird | | | 5 | 8 |
| <i>Vermivora pinus</i> | Blue-winged Warbler | Bird | | | 5 | 8 |
| <i>Vireo flavifrons</i> | Yellow-throated Vireo | Bird | | | 5 | 13 |
| <i>Wilsonia canadensis</i> | Canada Warbler | Bird | | | 5 | 14 |
| <i>Wilsonia citrina</i> | Hooded Warbler | Bird | | | 5 | 13 |
| <i>Amerigoniscus henroti</i> | Powell Valley Terrestrial Cave Isopod | Invertebrate | | 1 | 2 | 1 |
| <i>Antrolana lira</i> | Madison Cave isopod | Invertebrate | T | 1 | 1 | 1 |
| <i>Apochthonius coecus</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Apochthonius holsingeri</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Arianops jeanneli</i> | A cave pselaphid beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Arrhopalites clarus</i> | A cave springtail | Invertebrate | | 1 | 2 | 1 |
| <i>Atheta annexa</i> | A rove beetle | Invertebrate | | 2 | 2 | |
| <i>Atheta troglaphila</i> | A rove beetle | Invertebrate | | 1 | 2 | |
| <i>Brachoria cedra</i> | Cedar millipede | Invertebrate | | 1 | 2 | 18 |
| <i>Brachoria dentata</i> | A millipede | Invertebrate | | 1 | 2 | 18 |
| <i>Brachoria ethotela</i> | Hungry Mother millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Brachoria falcifera</i> | Big Cedar Creek millipede | Invertebrate | | 1 | 2 | 18 |
| <i>Brachoria hoffmani</i> | Hoffman's xystodesmid millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Brachoria separanda hamata</i> | A millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Buotus carolinus</i> | A millipede | Invertebrate | | 1 | 2 | 18 |
| <i>Caecidotea henroti</i> | Henrot's cave isopod | Invertebrate | | 2 | 2 | 1 |
| <i>Caecidotea holsingeri</i> | Greenbriar Valley cave isopod | Invertebrate | | 3 | 2 | 1 |
| <i>Caecidotea incurva</i> | Incurved cave isopod | Invertebrate | | 2 | 2 | 1 |
| <i>Caecidotea pricei</i> | Price's cave isopod | Invertebrate | | 3 | 2 | 1 |
| <i>Caecidotea sinuncus</i> | An isopod | Invertebrate | | 1 | 2 | 1 |
| <i>Caecidotea vandeli</i> | Vandel's cave isopod | Invertebrate | | 2 | 2 | 1 |
| <i>Catocala herodias gerhardi</i> | Herodias underwing | Invertebrate | | 3 | 2 | |
| <i>Chitrella superba</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Cicindela ancociscconensis</i> | A tiger beetle | Invertebrate | | 3 | 2 | |
| <i>Cicindela patruela</i> | Barrens Tiger beetle | Invertebrate | | 3 | 2 | |
| <i>Cleidogona hoffmani</i> | Hoffman's cleidogonid millipede | Invertebrate | | 2 | 2 | 15 |
| <i>Cleidogona lachesis</i> | A millipede | Invertebrate | | 2 | 2 | 15 |
| <i>Conotyla venetia</i> | Venetia millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Dixioria coronata</i> | A millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Dixioria fowleri</i> | A millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Euchlaena milnei</i> | Looper moth | Invertebrate | 2 | | 2 | 6 |
| <i>Foveacheles paralleloseta</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Glyphyalinia clingmani</i> | Fragile supercoil | Invertebrate | 2 | | 2 | 14 |
| <i>Helicodiscus hexodon</i> | Toothy coil | Invertebrate | 2 | | 2 | |
| <i>Hepialus sciophanes</i> | A ghost moth | Invertebrate | 2 | | 2 | 15 |
| <i>Islandiana speophila</i> | Cavern sheetweb spider | Invertebrate | | 1 | 2 | 1 |
| <i>Kleptochthonius lutzi</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Kleptochthonius proximisetus</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Kleptochthonius regulus</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Kleptochthonius similis</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Kleptochthonius species 1</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Lirceus culveri</i> | Rye cove isopod | Invertebrate | 2 | | 2 | 1 |
| <i>Lirceus usdagalun</i> | Lee County Cave isopod | Invertebrate | E | | 1 | 1 |
| <i>Litocampa barringerorum</i> | A cave dipluran | Invertebrate | | 1 | 2 | 1 |
| <i>Litocampa bifurcata</i> | A cave dipluran | Invertebrate | | | 2 | 1 |
| <i>Litocampa cookei</i> | A cave dipluran | Invertebrate | | | 2 | 1 |
| <i>Litocampa holsingeri</i> | A cave dipluran | Invertebrate | | 2 | 2 | 1 |
| <i>Macrocotyla hoffmasteri</i> | Hoffmaster's cave flatworm | Invertebrate | | 3 | 2 | 1 |
| <i>Mesodon clingmanicus</i> | Clingman Covert | Invertebrate | 2 | | 2 | 15 |
| <i>Microcreagris valentinei</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Microhexura montivana</i> | Snruce-Fir Moss Spider | Invertebrate | F | | 1 | 15 |



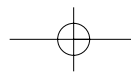
appendix B

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|-------------------------------------|-------------------------------------|--------------|----------------|-------------|---------------------------|----------------------------|
| <i>Miktoniscus racovitzae</i> | Racovitza's Terrestrial Cave Isopod | Invertebrate | | 2 | 2 | 1 |
| <i>Mundochthonius holsingeri</i> | A cave pseudoscorpion | Invertebrate | | 1 | 2 | 1 |
| <i>Nampabius turbator</i> | A cave centipede | Invertebrate | | | 2 | 1 |
| <i>Nannaria ericacea</i> | McGraw Gap Xystodesmid | Invertebrate | | 2 | 2 | 18 |
| <i>Nannaria shenandoah</i> | Shenandoah Mountain Xystodesmid | Invertebrate | | 1 | 2 | 18 |
| <i>Nesticus carolinensis</i> | Linville Cavern spider | Invertebrate | | 1 | 2 | 1 |
| <i>Nesticus cooperi</i> | Lost Nantahala Cave Spider | Invertebrate | 2 | | 2 | 1 |
| <i>Nesticus crosbyi</i> | A nesticid spider | Invertebrate | | 1 | 2 | 1 |
| <i>Nesticus holsingeri</i> | Holsinger's Cave spider | Invertebrate | | 2 | 2 | 1 |
| <i>Nesticus mimus</i> | A cave spider | Invertebrate | | 2 | 2 | 1 |
| <i>Nesticus paynei</i> | A cave spider | Invertebrate | | 2 | 2 | 1 |
| <i>Nesticus sheari</i> | A nesticid spider | Invertebrate | | 2 | 2 | 1 |
| <i>Nesticus silvanus</i> | A nesticid spider | Invertebrate | | 3 | 2 | 1 |
| <i>Nesticus tennesseensis</i> | A cave spider | Invertebrate | | 2 | 2 | 1 |
| <i>Paravitrea ternaria</i> | Sculptured supercoil | Invertebrate | 2 | | 2 | |
| <i>Paravitrea varidens</i> | Roan supercoil | Invertebrate | 2 | | 2 | 14 |
| <i>Patera clarki nantahala</i> | Noonday globe snail | Invertebrate | T | | 1 | 6 |
| <i>Phanetta subterranea</i> | A spider | Invertebrate | | 3 | 2 | 1 |
| <i>Phyciodes batesii</i> | Tawny crescent-spot butterfly | Invertebrate | 2 | | 2 | 19 |
| <i>Poecilophysis extraneostella</i> | A cave mite | Invertebrate | | 2 | 2 | 1 |
| <i>Poecilophysis weyerensis</i> | A cave mite | Invertebrate | | 2 | 2 | 1 |
| <i>Polygyriscus virginicus</i> | Virginia Fringed Mountain Snail | Invertebrate | E | | 1 | 6 |
| <i>Pseudanopthalmus</i> | Avernum Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>avernus</i> | | | | | | |
| <i>Pseudanopthalmus cordicollis</i> | Little Kennedy Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus</i> | Deceptive Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>deceptivus</i> | | | | | | |
| <i>Pseudanopthalmus delicatus</i> | A cave beetle | Invertebrate | | 2 | 2 | 1 |
| <i>Pseudanopthalmus</i> | New River Valley Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>egberti</i> | | | | | | |
| <i>Pseudanopthalmus gracilis</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanopthalmus</i> | Timber ridge cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>hadenoeucus</i> | | | | | | |
| <i>Pseudanopthalmus</i> | Lee County Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>hirsutus</i> | | | | | | |
| <i>Pseudanopthalmus hoffmani</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanopthalmus</i> | Holsinger's Cave beetle | Invertebrate | 1 | 1 | 2 | 1 |
| <i>holsingeri</i> | | | | | | |
| <i>Pseudanopthalmus</i> | Hubbard's Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>hubbardi</i> | | | | | | |
| <i>Pseudanopthalmus</i> | Hubricht's Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>hubrichti</i> | | | | | | |
| <i>Pseudanopthalmus</i> | Crossroads Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>intersectus</i> | | | | | | |
| <i>Pseudanopthalmus limicola</i> | Mud-dwelling cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus longiceps</i> | Long-headed cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus nelsoni</i> | Nelson's Cave Beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus</i> | Nickajackensis cave beetle | Invertebrate | | | 2 | 1 |
| <i>nickajackensis</i> | | | | | | |
| <i>Pseudanopthalmus parvicollis</i> | Thin-neck cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus paulus</i> | Nobletts Cave beetle | Invertebrate | 2 | | 2 | 1 |
| <i>Pseudanopthalmus paynei</i> | Paynes Cave beetle | Invertebrate | 2 | | 2 | 1 |
| <i>Pseudanopthalmus</i> | Petrunkevitch's cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>petrunkevitchi</i> | | | | | | |
| <i>Pseudanopthalmus pontis</i> | Natural Bridge Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanopthalmus</i> | South Branch Valley cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>potomaca potomaca</i> | | | | | | |

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|---|------------------------------------|--------------|----------------|-------------|---------------------------|----------------------------|
| <i>Pseudanophthalmus potomaca senecae</i> | Seneca cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus praetermissus</i> | Overlooked Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus punctatus</i> | Spotted Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus pusio</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus quadratus</i> | Straley's Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus rotundatus</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus sanctipauli</i> | Saint Paul Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus sericus</i> | Silken cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus sidus</i> | Meredith Cave beetle | Invertebrate | 2 | | 2 | 1 |
| <i>Pseudanophthalmus species 10</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 11</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 4</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 5</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 6</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 7</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 8</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus species 9</i> | A cave beetle | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudanophthalmus thomasi</i> | Thomas' Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudanophthalmus vicarius</i> | A cave beetle | Invertebrate | 2 | 2 | 2 | 1 |
| <i>Pseudanophthalmus virginicus</i> | Maiden Spring Cave beetle | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Pseudosinella hirsuta</i> | A cave springtail | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudotremia alecto</i> | A millipede | Invertebrate | | 1 | 2 | 18 |
| <i>Pseudotremia armesi</i> | A millipede | Invertebrate | | 2 | 2 | 1 |
| <i>Pseudotremia lusciosa</i> | Germany Valley cave millipede | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudotremia momus</i> | A millipede | Invertebrate | | 2 | 2 | 1 |
| <i>Pseudotremia princeps</i> | South Branch Valley cave millipede | Invertebrate | | 1 | 2 | 1 |
| <i>Pseudotremia tuberculata</i> | A millipede | Invertebrate | | 2 | 2 | 1 |
| <i>Rhagidia varia</i> | A cave mite | Invertebrate | | 3 | 2 | 1 |
| <i>Rudiloria trimaculata tortua</i> | A millipede | Invertebrate | | 2 | 2 | 18 |
| <i>Semionellus placidus</i> | A millipede | Invertebrate | | 3 | 2 | 18 |
| <i>Semiothisa fraserata</i> | Fraser Fir geometrid | Invertebrate | 2 | | 2 | 15 |
| <i>Sigmoria whiteheadi</i> | A millipede | Invertebrate | | 1 | 2 | |
| <i>Speyeria diana</i> | Diana Fritillary Butterfly | Invertebrate | 2 | 3 | 2 | 18 |
| <i>Speyeria idalia</i> | Regal Fritillary Butterfly | Invertebrate | 2 | 3 | 2 | |
| <i>Sphalloplana chandleri</i> | Chandler's planarian | Invertebrate | | 1 | 2 | 1 |
| <i>Sphalloplana consimilis</i> | Powell Valley planarian | Invertebrate | | 1 | 2 | 1 |
| <i>Sphalloplana virginiana</i> | Rockbridge County Cave planarian | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Striaria columbiana</i> | A millipede | Invertebrate | | 2 | 2 | |
| <i>Striaria species 1</i> | A millipede | Invertebrate | | 1 | 2 | |
| <i>Stygobromus abditus</i> | James cave amphipod | Invertebrate | | 2 | 2 | 1 |
| <i>Stygobromus barodyi</i> | Rockbridge County cave amphipod | Invertebrate | | 2 | 2 | 1 |
| <i>Stygobromus biggersi</i> | Bigger's Cave amphipod | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Stygobromus conradi</i> | Burnsville cove cave amphipod | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Stygobromus cumberlandus</i> | Cumberland cave amphipod | Invertebrate | | 2 | 2 | 1 |
| <i>Stygobromus ephemerus</i> | Ephemeral cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus estesi</i> | Craig County cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus fergusonii</i> | Montgomery County cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus gracilipes</i> | Shenandoah Valley cave amphipod | Invertebrate | | 2 | 2 | 1 |
| <i>Stygobromus hoffmani</i> | Alleghany County cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus interitus</i> | New Castle Murder Hole amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus leensis</i> | Lee County cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus morrisoni</i> | Morrison's cave amphipod | Invertebrate | 2 | 2 | 2 | 1 |
| <i>Stygobromus mundus</i> | Bath County cave amphipod | Invertebrate | 2 | 1 | 2 | 1 |
| <i>Stygobromus pseudospinosus</i> | Luray Caverns amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus species 7</i> | Sherando Spinosoid amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stygobromus spinosus</i> | Blue Ridge Mountain amphipod | Invertebrate | | 2 | 2 | 1 |
| <i>Stygobromus stegerorum</i> | Madison Cave amphipod | Invertebrate | | 1 | 2 | 1 |
| <i>Stylodrilus beattiei</i> | A cave lumbricid worm | Invertebrate | | 1 | 2 | 1 |
| <i>Trichopetalum krekeleri</i> | West Virginia Blind cave millipede | Invertebrate | | 1 | 2 | 1 |
| <i>Canis rufus</i> | Red Wolf | Mammal | E | | 1 | 9 |



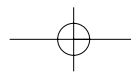
appendix B

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|---|--------------------------------------|--------|----------------|-------------|---------------------------|----------------------------|
| <i>Castor canadensis</i> | Beaver | Mammal | | | 7 | 11 |
| <i>Corynorhinus rafinesquii</i> | Rafinesque's big-eared bat | Mammal | 2 | 3 | 2 | 11 |
| <i>Corynorhinus townsendii virginianus</i> | Virginia Big-eared Bat | Mammal | E | | 1 | 1 |
| <i>Felis concolor cougar</i> | Eastern Cougar | Mammal | E | | 1 | 9 |
| <i>Glaucomys sabrinus coloratus</i> | Carolina Northern Flying Squirrel | Mammal | E | | 1 | 15 |
| <i>Glaucomys sabrinus fuscus</i> | Virginia Northern Flying Squirrel | Mammal | E | | 1 | 15 |
| <i>Microtus chrotorrhinus carolinensis</i> | Southern rock vole | Mammal | 2 | 3 | 2 | 7 |
| <i>Myotis austroriparius</i> | Southeastern bat | Mammal | 2 | | 2 | 1 |
| <i>Myotis grisescens</i> | Gray Bat | Mammal | E | | 1 | 1 |
| <i>Myotis leibii</i> | Eastern small-footed bat | Mammal | 2 | | 2 | 1 |
| <i>Myotis sodalis</i> | Indiana Bat | Mammal | E | | 1 | 1 |
| <i>Neotoma floridana haematorea</i> | Southern Appalachian Eastern woodrat | Mammal | 2 | | 2 | 7 |
| <i>Neotoma magister</i> | Allegheny woodrat | Mammal | 2 | | 2 | 7 |
| <i>Odocoileus virginianus</i> | White-tailed deer | Mammal | | | 4 | 12 |
| <i>Procyon lotor</i> | Raccoon | Mammal | | | 4 | 11 |
| <i>Sciurus carolinensis</i> | Eastern Gray Squirrel | Mammal | | | 4 | 10 |
| <i>Sciurus niger</i> | Eastern Fox Squirrel | Mammal | | | 4 | 10 |
| <i>Sorex palustris punctulatus</i> | Southern Water shrew | Mammal | 2 | 3 | 2 | 11 |
| <i>Sylvilagus floridanus</i> | Eastern Cottontail | Mammal | | | 4 | 8 |
| <i>Sylvilagus obscurus</i> | Appalachian cottontail | Mammal | 2 | | 2 | 5 |
| <i>Ursus americanus</i> | Black Bear | Mammal | | | 4 | 9 |
| <i>Abies fraseri</i> | Fraser fir | Plant | 2 | 2 | 2 | 15 |
| <i>Aconitum reclinatum</i> | Trailing wolfsbane | Plant | | 3 | 2 | 15 |
| <i>Ageratina luciae-brauniae</i> | Lucy Braun's white snakeroot | Plant | 2 | | 2 | 7 |
| <i>Allium alleghenienses</i> | Allegheny onion | Plant | | 3 | 2 | 5 |
| <i>Allium cuthbertii</i> | Striped garlic | Plant | | 3 | 2 | 7 |
| <i>Allium speculae</i> | Little river canyon onion | Plant | 2 | | 2 | 7 |
| <i>Amorpha glabra</i> | Appalachian indigo bush | Plant | | 3 | 2 | 7 |
| <i>Amphianthus pusillus</i> | Pool Sprite | Plant | T | | 1 | 7 |
| <i>Anemone minima</i> | Tiny anemone | Plant | | 3 | 2 | 18 |
| <i>Apios priceana</i> | Price's potato-bean | Plant | T | | 1 | 18 |
| <i>Arabis georgiana</i> | Georgia rockcress | Plant | 2 | 2 | 2 | 6 |
| <i>Arabis serotina</i> | Shale barren rock cress | Plant | E | 2 | 1 | 7 |
| <i>Arenaria cumberlandensis</i> | Cumberland sandwort | Plant | E | | 1 | 7 |
| <i>Arenaria godfreyi</i> | Godfrey's stitchwort | Plant | 2 | 1 | 2 | 6 |
| <i>Aspiromitus appalachianus</i> | A hornwort | Plant | | 1 | 2 | 11 |
| <i>Asplenium scolopendrium var american</i> | Hart's tongue fern | Plant | T | 1 | 1 | 6 |
| <i>Aster avitus</i> | Alexander's rock aster | Plant | 2 | 1 | 2 | 7 |
| <i>Aster georgianus</i> | Georgia aster | Plant | 2 | | 2 | 6 |
| <i>Aster surculosus</i> | Creeping aster | Plant | | 3 | 2 | 7 |
| <i>Astragalus neglectus</i> | Cooper's milkvetch | Plant | 2 | 3 | 2 | 6 |
| <i>Aureolaria patula</i> | Spreading false-foxtglove | Plant | 2 | 2 | 2 | 6 |
| <i>Bazzania nudicaulis</i> | Liverwort | Plant | 2 | 2 | 2 | 15 |
| <i>Betula uber</i> | Virginia round-leaf birch | Plant | T | 1 | 1 | 11 |
| <i>Bigelovia nuttallii</i> | Nuttall's rayless goldenrod | Plant | | 2 | 2 | |
| <i>Brachydontium trichodes</i> | Peak moss | Plant | | 2 | 2 | 15 |
| <i>Brachymenium andersonii</i> | Anderson's brachymenium | Plant | 2 | | 2 | 18 |
| <i>Bryocrumia vivicolor</i> | Gorge moss | Plant | 2 | 1 | 2 | 3 |
| <i>Buckleya distichophylla</i> | Piratebush | Plant | 2 | 2 | 2 | 18 |
| <i>Cacalia rugelii</i> | Rugel's ragwort | Plant | 2 | 3 | 2 | 15 |
| <i>Calamagrostis cainii</i> | Cain's reedgrass | Plant | 2 | 2 | 2 | 7 |
| <i>Calamovilfa arcuata</i> | Cumberland sandgrass | Plant | 2 | 2 | 2 | 11 |
| <i>Calystegia catesbiana ssp. sericata</i> | Blue Ridge bindweed | Plant | | 3 | 2 | 8 |
| <i>Cardamine clematitidis</i> | Mountain bitter cress | Plant | 2 | 2 | 2 | 11 |
| <i>Carex manhartii</i> | Manhart's sedge | Plant | 2 | 2 | 2 | 18 |
| <i>Carex misera</i> | Wretched sedge | Plant | | 3 | 2 | 7 |
| <i>Carex polymorpha</i> | Variable sedge | Plant | 2 | 2 | 2 | 10 |

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|---|-------------------------------------|-------|----------------|-------------|---------------------------|----------------------------|
| <i>Carex purpurifera</i> | Purple sedge | Plant | 2 | 3 | 2 | 18 |
| <i>Carex radfordii</i> (=C. species 3) | Radford's sedge | Plant | | 1 | 2 | 19 |
| <i>Carex roanensis</i> | Roan Mtn. sedge | Plant | 2 | 1 | 2 | 18 |
| <i>Carex ruthii</i> | Ruth's sedge | Plant | | 3 | 2 | 11 |
| <i>Carex schweinitzii</i> | Schweinitz's sedge | Plant | | 3 | 2 | 2 |
| <i>Cheilolejeunea evansii</i> | Liverwort | Plant | 2 | H | 2 | 18 |
| <i>Chelone cuthbertii</i> | Cuthbert's turtlehead | Plant | | 3 | 2 | 2 |
| <i>Chiloscyphus appalachianus</i> | Liverwort | Plant | 2 | 1 | 2 | 3 |
| <i>Clematis addisonii</i> | Addison's leatherflower | Plant | 2 | 2 | 2 | 6 |
| <i>Clematis coactilis</i> | Virginia white-haired leatherflower | Plant | | 3 | 2 | 7 |
| <i>Clematis socialis</i> | Alabama leather-flower | Plant | E | 1 | 1 | 11 |
| <i>Clematis viticaulis</i> | Millboro leatherflower | Plant | 2 | 2 | 2 | 7 |
| <i>Collinsonia verticillata</i> | | Plant | | 2 | 2 | 18 |
| <i>Conradina verticillata</i> | Cumberland rosemary | Plant | T | | 1 | 11 |
| <i>Coreopsis latifolia</i> | Broadleaf coreopsis | Plant | | 3 | 2 | 6 |
| <i>Coreopsis pulchra</i> | Woodland tickseed | Plant | | 2 | 2 | |
| <i>Crataegus harbisonii</i> | Harbison's hawthorn | Plant | 2 | | 2 | |
| <i>Cuscuta harperi</i> | Harper's dodder | Plant | 2 | | 2 | |
| <i>Cyperus granitophilus</i> | Granite-loving flatseed | Plant | | 3 | 2 | 7 |
| <i>Cypripedium kentuckiense</i> | Southern lady's-slipper | Plant | 2 | 3 | 2 | 18 |
| <i>Delphinium exaltatum</i> | Tall larkspur | Plant | 2 | 3 | 2 | 6 |
| <i>Diervilla rivularis</i> | Mountain bush honeysuckle | Plant | | 3 | 2 | |
| <i>Diphylleia cymosa</i> | Umbrella leaf | Plant | | 3 | 2 | 11 |
| <i>Draba aprica</i> | Whitlow grass | Plant | | 3 | 2 | 7 |
| <i>Echinacea laevigata</i> | Smooth Coneflower | Plant | E | 3 | 1 | 6 |
| <i>Elymus svensonii</i> | Svenson's wild-rye | Plant | 2 | 2 | 2 | 6 |
| <i>Euphorbia purpurea</i> | Darlington's spurge | Plant | 2 | 3 | 2 | 6 |
| <i>Eurhynchium pringlei</i> | Pringle's eurhynchium | Plant | 2 | 2 | 2 | 3 |
| <i>Fothergilla major</i> | Witch alder | Plant | | 3 | 2 | 19 |
| <i>Gaylussacia brachycera</i> | Box huckleberry | Plant | | 3 | 2 | 19 |
| <i>Gentiana austromontana</i> | Appalachian gentian | Plant | | 3 | 2 | 5 |
| <i>Geum geniculatum</i> | Bent avens | Plant | 2 | 1 | 2 | 5 |
| <i>Geum radiatum</i> | Spreading avens | Plant | E | 1 | 1 | 5 |
| <i>Glyceria nubigena</i> | Smoky Mountain manna grass | Plant | 2 | 2 | 2 | 11 |
| <i>Grammitis nimbata</i> | Dwarf polypody fern | Plant | 2 | 3 | 2 | 3 |
| <i>Gymnocarpium appalachianum</i> | Appalachian oak fern | Plant | 2 | 3 | 2 | 15 |
| <i>Gymnoderma lineare</i> | Rock gnome lichen | Plant | E | 2 | 1 | 7 |
| <i>Hasteola suaveolens</i> | Sweet Indian plantain | Plant | | 3 | 2 | 11 |
| <i>Hedyotis purpurea</i> var. <i>montana</i> | Roan mountain bluet | Plant | E | 2 | 1 | 5 |
| <i>Helenium brevifolium</i> | Shortleaf sneezeweed | Plant | | 3 | 2 | 2 |
| <i>Helenium virginicum</i> | Virginia sneezeweed | Plant | 1 | 2 | 2 | 4 |
| <i>Helianthus glaucophyllus</i> | White-leaved sunflower | Plant | | 3 | 2 | 18 |
| <i>Helianthus longifolius</i> | Longleaf sunflower | Plant | | 3 | 2 | |
| <i>Helonias bullata</i> | Swamp pink | Plant | T | 3 | 1 | 2 |
| <i>Heuchera alba</i> | White alumroot | Plant | | 2 | 2 | 7 |
| <i>Heuchera longiflora</i> | Long-flowered alumroot | Plant | | 3 | 2 | 6 |
| <i>Hexastylis arifolia</i> var. <i>ruthii</i> | Appalachian little brown jug | Plant | | 3 | 2 | 18 |
| <i>Hexastylis contracta</i> | Mountain heartleaf | Plant | 2 | 3 | 2 | 18 |
| <i>Hexastylis naniflora</i> | Dwarf-flowered heartleaf | Plant | T | 2 | 1 | 18 |
| <i>Hexastylis rhombiformis</i> | French Broad heartleaf | Plant | 2 | 2 | 2 | 18 |
| <i>Hudsonia montana</i> | Mountain golden heather | Plant | T | 1 | 1 | 7 |
| <i>Hydrothyria venosa</i> | An aquatic lichen | Plant | | 3 | 2 | 11 |
| <i>Hymenophyllum tayloriae</i> | Gorge filmy fern | Plant | | 1 | 2 | 3 |
| <i>Hymenophyllum tunbridgense</i> | Tunbridge fern | Plant | 2 | | 2 | 3 |
| <i>Hypericum adpressum</i> | Creeping St. John's-wort | Plant | 2 | 2 | 2 | 2 |
| <i>Hypericum buckleyi</i> | Blue Ridge St. John's-wort | Plant | | 3 | 2 | 5 |
| <i>Cardamine flagellifera</i> | Bittercress | Plant | | 3 | 2 | 11 |
| <i>Cardamine micranthera</i> | Small anthered bittercress | Plant | E | 1 | 1 | 11 |
| <i>Carex amplisquama</i> | Fort mountain sedge | Plant | 2 | 2 | 2 | 19 |
| <i>Carex austrocaroliniana</i> | South Carolina sedge | Plant | | 3 | 2 | 11 |



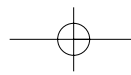
appendix B

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|---|----------------------------------|-------|----------------|-------------|---------------------------|----------------------------|
| <i>Carex barrattii</i> | Barratt's sedge | Plant | | 3 | 2 | 2 |
| <i>Carex biltmoreana</i> | Biltmore sedge | Plant | | 3 | 2 | 6 |
| <i>Hypericum dolabriforme</i> | Straggling St. John's wort | Plant | | 3 | 2 | 6 |
| <i>Hypericum graveolens</i> | Mountain St. John's-wort | Plant | | 3 | 2 | 5 |
| <i>Hypericum mitchellianum</i> | Mitchell's St. John's-wort | Plant | | 3 | 2 | 5 |
| <i>Ilex collina</i> | Long-stalked holly | Plant | | 3 | 2 | 2 |
| <i>Iliamna corei</i> | Peter's mountain mallow | Plant | E | 1 | 1 | 7 |
| <i>Iliamna remota</i> | Kankakee globe-mallow | Plant | 2 | 1 | 2 | 11 |
| <i>Isoetes virginica</i> | Quillwort | Plant | 2 | 1 | 2 | 4 |
| <i>Isotria medeoloides</i> | Small whorled pogonia | Plant | E | 3 | 1 | 18 |
| <i>Jamesianthus alabamensis</i> | Jamesianthus | Plant | 2 | 3 | 2 | |
| <i>Juglans cinerea</i> | Butternut | Plant | 2 | 3 | 2 | 10 |
| <i>Juncus caesariensis</i> | New Jersey rush | Plant | 2 | 2 | 2 | 2 |
| <i>Juncus gymnocarpus</i> | Coville's rush | Plant | | 3 | 2 | 2 |
| <i>Krigia montana</i> | False dandelion | Plant | | 3 | 2 | 7 |
| <i>Leavenworthia exigua</i> var. <i>exigua</i> | Glade cress | Plant | | 3 | 2 | 6 |
| <i>Lejeunea blomquistii</i> | Liverwort | Plant | 2 | 1 | 2 | 3 |
| <i>Leptothymenium sharpii</i> | Mt. Leconte moss | Plant | 2 | 1 | 2 | 15 |
| <i>Liatris helleri</i> | Heller's blazing star | Plant | T | 1 | 1 | 5 |
| <i>Liatris turgida</i> | Shale-barren blazing star | Plant | | 3 | 2 | 7 |
| <i>Lilium grayi</i> | Gray's lily | Plant | 2 | 2 | 2 | 5 |
| <i>Lysimachia fraseri</i> | Fraser's loosestrife | Plant | 2 | 2 | 2 | 18 |
| <i>Lysimachia graminea</i> | Grass-leaved loosestrife | Plant | | 2 | 2 | |
| <i>Marshallia grandiflora</i> | Large-flowered barbara's-buttons | Plant | 2 | 2 | 2 | 2 |
| <i>Marshallia morhii</i> | Morh's Barbara's buttons | Plant | T | | 1 | 11 |
| <i>Marshallia trinervia</i> | Broadleaf Barbara's buttons | Plant | | 3 | 2 | 11 |
| <i>Megaceros aenigmaticus</i> | A hornwort | Plant | | 2 | 2 | 11 |
| <i>Minuartia fontinalis</i> | Water stitchwort | Plant | 2 | | 2 | |
| <i>Monotropis odorata</i> | Sweet pinesap | Plant | 2 | 3 | 2 | 19 |
| <i>Nestronia umbellula</i> | Nestronia | Plant | | 3 | 2 | 19 |
| <i>Neviusia alabamensis</i> | Alabama snow wreath | Plant | 2 | 2 | 2 | 6 |
| <i>Orthotrichum keeverae</i> | Keeper's bristle-moss | Plant | 2 | 1 | 2 | 6 |
| <i>Parnassia grandifolia</i> | Large-leaved grass-of-parnassus | Plant | | 2 | 2 | 2 |
| <i>Paronychia virginica</i> var. <i>virginica</i> | Yellow nailwort | Plant | 2 | 1 | 2 | 7 |
| <i>Paxistima canbyi</i> | Canby's mountain-lover | Plant | 2 | 2 | 2 | 6 |
| <i>Phacelia fimbriata</i> | Fringed scorpion-weed | Plant | | 3 | 2 | 14 |
| <i>Phlox amplifolia</i> | Broadleaf phlox | Plant | | 3 | 2 | 18 |
| <i>Phlox bifida</i> ssp. <i>stellaria</i> | Cleft phlox | Plant | 2 | | 2 | 6 |
| <i>Phlox buckleyi</i> | Sword leaved phlox | Plant | | 2 | 2 | 19 |
| <i>Pityopsis ruthii</i> | Ruth's golden aster | Plant | E | 1 | 1 | 11 |
| <i>Plagiochila austinii</i> | Liverwort | Plant | | 3 | 2 | 3 |
| <i>Plagiochila caduciloba</i> | Liverwort | Plant | 2 | 2 | 2 | 3 |
| <i>Plagiochila corniculata</i> | Liverwort | Plant | | 3 | 2 | 15 |
| <i>Plagiochila echinata</i> | Liverwort | Plant | 2 | 1 | 2 | 3 |
| <i>Plagiochila sharpii</i> | Liverwort | Plant | 2 | 2 | 2 | 3 |
| <i>Plagiochila sullivanii</i> var. <i>spinigera</i> | Liverwort | Plant | 2 | 2 | 2 | 3 |
| <i>Plagiochila sullivanii</i> var. <i>sullivanii</i> | Liverwort | Plant | 2 | 2 | 2 | 3 |
| <i>Plagiochila virginica</i> var. <i>caroliniana</i> | Liverwort | Plant | 2 | 2 | 2 | 3 |
| <i>Plagiochila virginica</i> var. <i>euryphylla</i> | Liverwort | Plant | 2 | 1 | 2 | 3 |
| <i>Plagiochila virginica</i> var. <i>virginica</i> | Liverwort | Plant | | 2 | 2 | 6 |
| <i>Plantago cordata</i> | Heart-leaf plantain | Plant | | 3 | 2 | 11 |
| <i>Platanthera integrilabia</i> | White fringeless orchid | Plant | 2 | 2 | 2 | 2 |
| <i>Platanthera leucophaea</i> | Eastern prairie fringed orchid | Plant | T | 2 | 1 | 4 |
| <i>Poa paludigena</i> | Bog blue grass | Plant | 2 | 3 | 2 | 2 |
| <i>Polvmnia laevinata</i> | Tennessee leafcain | Plant | | 3 | 2 | |

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|--|---------------------------------------|-------|----------------|-------------|---------------------------|----------------------------|
| <i>Porella appalachiana</i> | Liverwort | Plant | 2 | 1 | 2 | 3 |
| <i>Porella wataugensis</i> | Liverwort | Plant | | 1 | 2 | 3 |
| <i>Potamogeton tennesseensis</i> | Tennessee pondweed | Plant | | 3 | 2 | 4 |
| <i>Prenanthes barbata</i> | Bearded rattlesnake-root | Plant | 2 | 2 | 2 | |
| <i>Prenanthes roanensis</i> | Roan rattlesnakeroot | Plant | | 3 | 2 | 5 |
| <i>Prunus alleghaniensis</i> | Alleghany plum | Plant | 2 | 3 | 2 | 19 |
| <i>Ptilimnium nodosum</i> | Harperella | Plant | E | 2 | 1 | 11 |
| <i>Pycnanthemum curvipes</i> | Tennessee mountain mint | Plant | | 3 | 2 | 6 |
| <i>Pycnanthemum torrei</i> | Torrey mountain-mint | Plant | | 2 | 2 | 6 |
| <i>Radula voluta</i> | Liverwort | Plant | | 2 | 2 | 3 |
| <i>Rhododendron carolinianum</i> | Carolina Rhododendron | Plant | | 3 | 2 | 5 |
| <i>Rhododendron cumberlandense</i> | Cumberland azalea | Plant | | 2 | 2 | 5 |
| <i>Rhododendron vaseyi</i> | Pink-shell azalea | Plant | | 3 | 2 | 18 |
| <i>Robinia viscosa</i> var. <i>hartwegii</i> | Hartwig's locust | Plant | | 1 | 2 | 7 |
| <i>Robinia viscosa</i> var. <i>viscosa</i> | Clammy locust | Plant | | 3 | 2 | 5 |
| <i>Rubus whartoniae</i> | Wharton's dewberry | Plant | 2 | | 2 | |
| <i>Rudbeckia heliopsisidis</i> | Sun-facing coneflower | Plant | 2 | 2 | 2 | |
| <i>Rudbeckia triloba</i> var. <i>pinnatifolia</i> | Pinnately-lobed brown-eyed sunflower | Plant | 2 | 3 | 2 | 7 |
| <i>Sabatia capitata</i> | Rose pink | Plant | | 2 | 2 | |
| <i>Sagittaria fasciculata</i> | Bunched arrowhead | Plant | E | 1 | 1 | 11 |
| <i>Sagittaria secundifolia</i> | Kral's water-plantain | Plant | T | | 1 | 2 |
| <i>Sarracenia jonesii</i> | Mountain sweet pitcherplant | Plant | E | 1 | 1 | 2 |
| <i>Sarracenia oreophila</i> | Green pitcher plant | Plant | E | 2 | 1 | 2 |
| <i>Saxifraga careyana</i> | Golden-eye saxifrage | Plant | | 3 | 2 | 7 |
| <i>Saxifraga caroliniana</i> | Carolina saxifrage | Plant | 2 | 2 | 2 | 7 |
| <i>Schlotheimia lancifolia</i> | Highlands moss | Plant | 2 | 2 | 2 | 18 |
| <i>Scirpus ancistrochaetus</i> | Northeastern bullrush=Barbed bullrush | Plant | E | 2 | 1 | 4 |
| <i>Scutellaria montana</i> | Large- flowered skullcap | Plant | E | 2 | 1 | 18 |
| <i>Scutellaria saxatilis</i> | Rock skullcap | Plant | | 2 | 2 | 7 |
| <i>Sedum nevii</i> | Nevius' stonecrop | Plant | 2 | 2 | 2 | 7 |
| <i>Senecio millefolium</i> | Divided-leaf ragwort | Plant | 2 | 2 | 2 | 6 |
| <i>Shortia galacifolia</i> var. <i>brevistyla</i> | Short-styled oconee bells | Plant | 2 | 1 | 2 | 18 |
| <i>Shortia galacifolia</i> var. <i>galacifolia</i> | Oconee bells | Plant | 2 | 2 | 2 | 18 |
| <i>Sida hermaphrodita</i> | Virginia mallow | Plant | | 3 | 2 | 11 |
| <i>Silene ovata</i> | Mountain catchfly | Plant | 2 | 3 | 2 | 6 |
| <i>Silene regia</i> | Royal catchfly | Plant | | 3 | 2 | |
| <i>Silphium brachiatum</i> | Cumberland rosinweed | Plant | 2 | | 2 | |
| <i>Silphium connatum</i> | Virginia cup-plant | Plant | | 3 | 2 | 16 |
| <i>Sisyrinchium dichotomum</i> | White irisette | Plant | E | 1 | 1 | 6 |
| <i>Smilax biltmoreana</i> | Biltmore carrion-flower | Plant | | 2 | 2 | 12 |
| <i>Solidago glomerata</i> | Goldenrod | Plant | | 3 | 2 | 15 |
| <i>Solidago lancifolia</i> | Lance leafed goldenrod | Plant | | 3 | 2 | 18 |
| <i>Solidago rupestris</i> | Rock goldenrod | Plant | | 2 | 2 | 11 |
| <i>Solidago simulans</i> | Granite dome goldenrod | Plant | | 1 | 2 | 7 |
| <i>Solidago spithamea</i> | Blue Ridge goldenrod | Plant | T | 1 | 1 | 5 |
| <i>Sphenolobopsis pearsonii</i> | Liverwort | Plant | 2 | 2 | 2 | 15 |
| <i>Spiraea virginiana</i> | Virginia spiraea | Plant | T | 1 | 1 | 11 |
| <i>Splachnum pennsylvanicum</i> | Southern dungmoss | Plant | | 2 | 2 | 2 |
| <i>Stachys clingmanii</i> | Clingman's hedgenettle | Plant | | 3 | 2 | 15 |
| <i>Stellaria corei</i> | Core's starwort | Plant | | 3 | 2 | 11 |
| <i>Talinum mengesii</i> | Menge's flame-flower | Plant | | 3 | 2 | 7 |
| <i>Thalictrum subrotundum</i> | Reclined meadowrue | Plant | 2 | | 2 | |
| <i>Tomanthera auriculata</i> | Auriculate false-foxglove | Plant | 2 | 2 | 2 | 6 |
| <i>Tomanthera pseudophyllum</i> | Shiner's false-foxglove | Plant | 2 | 2 | 2 | |
| <i>Tortula ammonsiana</i> | Ammons' tortula | Plant | 2 | 1 | 2 | 6 |
| <i>Trichomanes petersii</i> | Dwarf filmy fern | Plant | | 3 | 2 | 7 |
| <i>Trifolium calcaricum</i> | Running glade clover | Plant | 2 | 1 | 2 | 6 |
| <i>Trillium discolor</i> | Mottled trillium | Plant | | 3 | 2 | 18 |



appendix B

Table B-1(cont.) The list of 472 terrestrial plant and animal special species found in the Southern Appalachian Assessment (SAA) area according to taxa as determined using the assessment screening criteria.

| Scientific Name | Common Name | Taxa | Federal Status | Global Rank | SAA Criteria ¹ | Species Group ² |
|--|--------------------------------|---------|----------------|-------------|---------------------------|----------------------------|
| <i>Trillium lancifolium</i> | Narrow-leaved trillium | Plant | | 3 | 2 | |
| <i>Trillium persistens</i> | Persistent trillium | Plant | E | | 1 | 18 |
| <i>Trillium pusillum</i> (T.p. var 1) | Least trillium | Plant | 2 | 3 | 2 | 18 |
| <i>Trillium pusillum</i> var. <i>monticulum</i> | Trillium | Plant | 2 | 3 | 2 | 18 |
| <i>Trillium rugelii</i> | Southern nodding trillium | Plant | | 3 | 2 | 6 |
| <i>Trillium simile</i> | Sweet white trillium | Plant | | 3 | 2 | 6 |
| <i>Vaccinium hirsutum</i> | Hairy blueberry | Plant | 2 | 3 | 2 | 18 |
| <i>Viburnum bracteatum</i> | Arrowwood | Plant | 2 | | 2 | 11 |
| <i>Vitis rupestris</i> | Sand grape | Plant | | 3 | 2 | 11 |
| <i>Waldsteinia lobata</i> | Lobed barren-strawberry | Plant | | 2 | 2 | 18 |
| <i>Xanthoparmelia monticola</i> | A foliose lichen | Plant | | 2 | 2 | 7 |
| <i>Xerophyllum asphodeloides</i> | Eastern turkey beard | Plant | | 3 | 2 | 19 |
| <i>Xyris tennesseensis</i> | Tennessee yellow-eyed grass | Plant | E | | 1 | 6 |
| <i>Chelone lyonii</i> | Purple turtlehead | Plant | | 3 | 2 | 15 |
| <i>Cimicifuga rubifolia</i> | Appalachian bugbane | Plant | 2 | 3 | 2 | 18 |
| <i>Cladonia psoromica</i> | Bluff mountain reindeer lichen | Plant | 2 | 1 | 2 | 4 |
| <i>Clemmys muhlenbergii</i> | Bog Turtle | Reptile | 2 | | 2 | 2 |
| <i>Pituophis m. melanoleucus</i> | Northern Pine Snake | Reptile | 2 | | 2 | 19 |

¹SAA Criteria Code

- 1 = Federally Threatened or Endangered
- 2 = Viability Concern Species
- 4 = Game Species
- 5 = High Management/Public Interest
- 6 = Demanding Habitat Requirements
- 7 = Keystone Species

²Species Group Codes

- 1 = Cave Habitats
- 2 = Mountain Bogs
- 3 = Spray Cliffs
- 4 = Fen or Pond Wetlands
- 5 = High Elevation Balds
- 6 = High pH or Mafic Habitats
- 7 = Rock Outcrop and Cliffs
- 8 = Early Successional Habitats
- 9 = Wide Ranging Area Sensitive Species
- 10 = Mid- to Late-Successional Forest Species
- 11 = Seep, Spring, and Streamside Habitat
- 12 = Habitat Generalist
- 13 = Area Sensitive Deciduous Forest
- 14 = General High Elevation Habitats
- 15 = High Elevation Spruce-Fir Forest
- 16 = Bottomland Forests
- 17 = Southern Yellow Pine Habitats
- 18 = Mixed Mesic Habitats
- 19 = Mixed Xeric Habitats