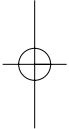
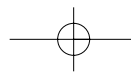


Appendix F

Terrestrial Plant and Animal Species with Viability Concern





appendix F

Table F-1 The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Gyrinophilus palleucus</i>	Tennessee Cave Salamander	Amphibian	2		1
<i>Gyrinophilus subterraneus</i>	West Virginia Spring Salamander	Amphibian	2		1
<i>Amerigoniscus henroti</i>	Powell Valley Terrestrial Cave Isopod	Invertebrate		1	1
<i>Apochthonius coecus</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Apochthonius holsingeri</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Arianops jeanneli</i>	A cave pselaphid beetle	Invertebrate		1	1
<i>Arrhopalites clarus</i>	A cave springtail	Invertebrate		1	1
<i>Caecidotea henroti</i>	Henrot's cave isopod	Invertebrate		2	1
<i>Caecidotea holsingeri</i>	Greenbriar Valley cave isopod	Invertebrate		3	1
<i>Caecidotea incurva</i>	Incurved cave isopod	Invertebrate		2	1
<i>Caecidotea pricei</i>	Price's cave isopod	Invertebrate		3	1
<i>Caecidotea sinuncus</i>	An isopod	Invertebrate		1	1
<i>Caecidotea vandeli</i>	Vandel's cave isopod	Invertebrate		2	1
<i>Chitrella superba</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Foveacheles paralleloseta</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Islandiana speophila</i>	Cavern sheetweb spider	Invertebrate		1	1
<i>Kleptochthonius lutzi</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Kleptochthonius proximosetus</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Kleptochthonius regulus</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Kleptochthonius similis</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Kleptochthonius species 1</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Lirceus culveri</i>	Rye cove isopod	Invertebrate	2		1
<i>Litocampa barringerorum</i>	A cave dipluran	Invertebrate		1	1
<i>Litocampa bifurcata</i>	A cave dipluran	Invertebrate			1
<i>Litocampa cookei</i>	A cave dipluran	Invertebrate			1
<i>Litocampa holsingeri</i>	A cave dipluran	Invertebrate		2	1
<i>Macrocotyla hoffmasteri</i>	Hoffmaster's cave flatworm	Invertebrate		3	1
<i>Microcreagriss valentinei</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Miktoniscus racovitzae</i>	Racovitza's Terrestrial Cave Isopod	Invertebrate		2	1
<i>Mundochthonius holsingeri</i>	A cave pseudoscorpion	Invertebrate		1	1
<i>Nampabius turbator</i>	A cave centipede	Invertebrate			1
<i>Nesticus carolinensis</i>	Linville Cavern spider	Invertebrate		1	1
<i>Nesticus cooperi</i>	Lost Nantahala Cave Spider	Invertebrate	2		1
<i>Nesticus crosbyi</i>	A nesticid spider	Invertebrate		1	1
<i>Nesticus holsingeri</i>	Holsinger's Cave spider	Invertebrate		2	1
<i>Nesticus mimus</i>	A cave spider	Invertebrate		2	1
<i>Nesticus paynei</i>	A cave spider	Invertebrate		2	1
<i>Nesticus sheari</i>	A nesticid spider	Invertebrate		2	1
<i>Nesticus silvanus</i>	A nesticid spider	Invertebrate		3	1
<i>Nesticus tennesseensis</i>	A cave spider	Invertebrate		2	1
<i>Phanetta subterranea</i>	A spider	Invertebrate		3	1
<i>Poecilophysis extraneostella</i>	A cave mite	Invertebrate		2	1
<i>Poecilophysis weyerensis</i>	A cave mite	Invertebrate		2	1
<i>Pseudanopthalmus avernus</i>	Avernus Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus cordicollis</i>	Little Kennedy Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus deceptivus</i>	Deceptive Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus delicatus</i>	A cave beetle	Invertebrate		2	1
<i>Pseudanopthalmus egberti</i>	New River Valley Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus gracilis</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanopthalmus hadenoecus</i>	Timber ridge cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus hirsutus</i>	Lee County Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus hoffmani</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanopthalmus holsingeri</i>	Holsinger's Cave beetle	Invertebrate	1	1	1
<i>Pseudanopthalmus hubbardi</i>	Hubbard's Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus hubrichti</i>	Hubricht's Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus intersectus</i>	Crossroads Cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus limicola</i>	Mud-dwelling cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus longiceps</i>	Long-headed cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus nelsoni</i>	Nelson's Cave Beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus nickajackensis</i>	Nickajackensis cave beetle	Invertebrate			1
<i>Pseudanopthalmus parvicollis</i>	Thin-neck cave beetle	Invertebrate	2	1	1
<i>Pseudanopthalmus paulus</i>	Nobletts Cave beetle	Invertebrate	2		1
<i>Pseudanopthalmus paynei</i>	Paynes Cave beetle	Invertebrate	2		

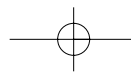
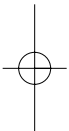
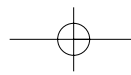


Table F-1 (cont.) The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Pseudanophthalmus petrunkevitchi</i>	Petrunkevitch's cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus pontis</i>	Natural Bridge Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus potomaca potomaca</i>	South Branch Valley cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus potomaca senecae</i>	Seneca cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus praetermissus</i>	Overlooked Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus punctatus</i>	Spotted Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus pusio</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus quadratus</i>	Straley's Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus rotundatus</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus sanctipauli</i>	Saint Paul Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus sericus</i>	Silken cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus sidus</i>	Meredith Cave beetle	Invertebrate	2		1
<i>Pseudanophthalmus species 10</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 11</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 4</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 5</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 6</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 7</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 8</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus species 9</i>	A cave beetle	Invertebrate		1	1
<i>Pseudanophthalmus thomasi</i>	Thomas' Cave beetle	Invertebrate	2	1	1
<i>Pseudanophthalmus vicarius</i>	A cave beetle	Invertebrate	2	2	1
<i>Pseudanophthalmus virginicus</i>	Maiden Spring Cave beetle	Invertebrate	2	1	1
<i>Pseudosinella hirsuta</i>	A cave springtail	Invertebrate		1	1
<i>Pseudotremia armesi</i>	A millipede	Invertebrate		2	1
<i>Pseudotremia lusciosa</i>	Germany Valley cave millipede	Invertebrate		1	1
<i>Pseudotremia momus</i>	A millipede	Invertebrate		2	1
<i>Pseudotremia princeps</i>	South Branch Valley cave millipede	Invertebrate		1	1
<i>Pseudotremia tuberculata</i>	A millipede	Invertebrate		2	1
<i>Rhagidia varia</i>	A cave mite	Invertebrate		3	1
<i>Sphalloplana chandleri</i>	Chandler's planarian	Invertebrate		1	1
<i>Sphalloplana consimilis</i>	Powell Valley planarian	Invertebrate		1	1
<i>Sphalloplana virginiana</i>	Rockbridge County Cave planarian	Invertebrate	2	1	1
<i>Stygobromus abditus</i>	James cave amphipod	Invertebrate		2	1
<i>Stygobromus baroodyi</i>	Rockbridge County cave amphipod	Invertebrate		2	1
<i>Stygobromus biggersi</i>	Bigger's Cave amphipod	Invertebrate	2	1	1
<i>Stygobromus conradi</i>	Burnsville cove cave amphipod	Invertebrate	2	1	1
<i>Stygobromus cumberlandus</i>	Cumberland cave amphipod	Invertebrate		2	1
<i>Stygobromus ephemerus</i>	Ephemeral cave amphipod	Invertebrate		1	1
<i>Stygobromus estesi</i>	Craig County cave amphipod	Invertebrate		1	1
<i>Stygobromus fergusonii</i>	Montgomery County cave amphipod	Invertebrate		1	1
<i>Stygobromus gracilipes</i>	Shenandoah Valley cave amphipod	Invertebrate		2	1
<i>Stygobromus hoffmani</i>	Alleghany County cave amphipod	Invertebrate		1	1
<i>Stygobromus interitus</i>	New Castle Murder Hole amphipod	Invertebrate		1	1
<i>Stygobromus leensis</i>	Lee County cave amphipod	Invertebrate		1	1
<i>Stygobromus morrisoni</i>	Morrison's cave amphipod	Invertebrate	2	2	1
<i>Stygobromus mundus</i>	Bath County cave amphipod	Invertebrate	2	1	1
<i>Stygobromus pseudospinosus</i>	Luray Caverns amphipod	Invertebrate		1	1
<i>Stygobromus species 7</i>	Sherando Spinosoid amphipod	Invertebrate		1	1
<i>Stygobromus spinosus</i>	Blue Ridge Mountain amphipod	Invertebrate		2	1
<i>Stygobromus stegerorum</i>	Madison Cave amphipod	Invertebrate		1	1
<i>Stylodrilus beattiei</i>	A cave lumbricid worm	Invertebrate		1	1
<i>Trichopetalum krekeleri</i>	West Virginia Blind cave millipede	Invertebrate		1	1
<i>Myotis austroriparius</i>	Southeastern bat	Mammal	2		1
<i>Myotis leibii</i>	Eastern small-footed bat	Mammal	2		1
<i>Carex barrattii</i>	Barratt's sedge	Plant		3	2
<i>Carex schweinitzii</i>	Schweinitz's sedge	Plant		3	2
<i>Chelone cuthbertii</i>	Cuthbert's turtlehead	Plant		3	2
<i>Helenium brevifolium</i>	Shortleaf sneezeweed	Plant		3	2
<i>Hypericum adpressum</i>	Creeping St. John's-wort	Plant	2	2	2
<i>Ilex collina</i>	Long-stalked holly	Plant		3	2
<i>Juncus caesariensis</i>	New Jersey rush	Plant	2	2	2
<i>Juncus gymnocarpus</i>	Coville's rush	Plant		3	2





appendix F

Table F-1 (cont.) The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Marshallia grandiflora</i>	Large-flowered barbara's-buttons	Plant	2	2	2
<i>Parnassia grandifolia</i>	Large-leaved grass-of-parnassus	Plant		2	2
<i>Plantanthera integrilabia</i>	White fringeless orchid	Plant	2	2	2
<i>Poa paludigena</i>	Bog blue grass	Plant	2	3	2
<i>Splachnum pennsylvanicum</i>	Southern dungmoss	Plant		2	2
<i>Clemmys muhlenbergii</i>	Bog Turtle	Reptile	2		2
<i>Bryocrumia vivicolor</i>	Gorge moss	Plant	2	1	3
<i>Chiloscyphus appalachianus</i>	Liverwort	Plant	2	1	3
<i>Eurhynchium pringlei</i>	Pringle's eurhynchium	Plant	2	2	3
<i>Grammitis nimbata</i>	Dwarf polypody fern	Plant	2	3	3
<i>Hymenophyllum tayloriae</i>	Gorge filmy fern	Plant		1	3
<i>Hymenophyllum tunbridgense</i>	Tunbridge fern	Plant	2		3
<i>Lejeunea blomquistii</i>	Liverwort	Plant	2	1	3
<i>Plagiochila austinii</i>	Liverwort	Plant		3	3
<i>Plagiochila caduciloba</i>	Liverwort	Plant	2	2	3
<i>Plagiochila echinata</i>	Liverwort	Plant	2	1	3
<i>Plagiochila sharpii</i>	Liverwort	Plant	2	2	3
<i>Plagiochila sullivantii</i> var. <i>spinigera</i>	Liverwort	Plant	2	2	3
<i>Plagiochila sullivantii</i> var. <i>sullivantii</i>	Liverwort	Plant	2	2	3
<i>Plagiochila virginica</i> var. <i>caroliniana</i>	Liverwort	Plant	2	2	3
<i>Plagiochila virginica</i> var. <i>euryphylla</i>	Liverwort	Plant	2	1	3
<i>Porella appalachiana</i>	Liverwort	Plant	2	1	3
<i>Porella wataugensis</i>	Liverwort	Plant		1	3
<i>Radula voluta</i>	Liverwort	Plant		2	3
<i>Helenium virginicum</i>	Virginia sneezeweed	Plant	1	2	4
<i>Isoetes virginica</i>	Quillwort	Plant	2	1	4
<i>Potamogeton tennesseensis</i>	Tennessee pondweed	Plant		3	4
<i>Cladonia psoromica</i>	Bluff mountain reindeer lichen	Plant	2	1	4
<i>Thryomanes bewickii altus</i>	Appalachian Bewick's Wren	Bird	2		5
<i>Sylvilagus obscurus</i>	Appalachian cottontail	Mammal	2		5
<i>Allium alleghenienses</i>	Allegheny onion	Plant		3	5
<i>Gentiana austrorontana</i>	Appalachian gentian	Plant		3	5
<i>Geum geniculatum</i>	Bent avens	Plant	2	1	5
<i>Hypericum buckleyi</i>	Blue Ridge St. John's-wort	Plant		3	5
<i>Hypericum graveolens</i>	Mountain St. John's-wort	Plant		3	5
<i>Hypericum mitchellianum</i>	Mitchell's St. John's-wort	Plant		3	5
<i>Lilium grayi</i>	Gray's lily	Plant	2	2	5
<i>Prenanthes roanensis</i>	Roan rattlesnakeroot	Plant		3	5
<i>Rhododendron carolinianum</i>	Carolina Rhododendron	Plant		3	5
<i>Rhododendron cumberlandense</i>	Cumberland azalea	Plant		2	5
<i>Robinia viscosa</i> var. <i>viscosa</i>	Clammy locust	Plant		3	5
<i>Euchlaena milnei</i>	Looper moth	Invertebrate	2		6
<i>Arabis georgiana</i>	Georgia rockcress	Plant	2	2	6
<i>Arenaria godfreyi</i>	Godfrey's stitchwort	Plant	2	1	6
<i>Aster georgianus</i>	Georgia aster	Plant	2		6
<i>Astragalus neglectus</i>	Cooper's milkvetch	Plant	2	3	6
<i>Aureolaria patula</i>	Spreading false-foxglove	Plant	2	2	6
<i>Carex biltmoreana</i>	Biltmore sedge	Plant		3	6
<i>Clematis addisonii</i>	Addison's leatherflower	Plant	2	2	6
<i>Coreopsis latifolia</i>	Broadleaf coreopsis	Plant		3	6
<i>Delphinium exaltatum</i>	Tall larkspur	Plant	2	3	6
<i>Elymus svensonii</i>	Svenson's wild-rye	Plant	2	2	6
<i>Euphorbia purpurea</i>	Darlington's spurge	Plant	2	3	6
<i>Heuchera longiflora</i>	Long-flowered alumroot	Plant		3	6
<i>Hypericum dolabriforme</i>	Stragglng St. John's wort	Plant		3	6
<i>Leavenworthia exigua</i> var. <i>exigua</i>	Glade cress	Plant		3	6
<i>Neviusia alabamensis</i>	Alabama snow wreath	Plant	2	2	6
<i>Orthotrichum keeverae</i>	Keever's bristle-moss	Plant	2	1	6
<i>Paxistima canbyi</i>	Canby's mountain-lover	Plant	2	2	6
<i>Phlox bifida</i> ssp. <i>stellaria</i>	Cleft phlox	Plant	2		6
<i>Plagiochila virginica</i> var. <i>virginica</i>	Liverwort	Plant		2	6
<i>Pycnanthemum curvipes</i>	Tennessee mountain mint	Plant		3	6
<i>Pycnanthemum torrei</i>	Torrey mountain-mint	Plant		2	6

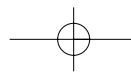
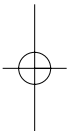
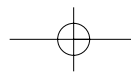


Table F-1 (cont.) The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Senecio millefolium</i>	Divided-leaf ragwort	Plant	2	2	6
<i>Silene ovata</i>	Mountain catchfly	Plant	2	3	6
<i>Tomanthera auriculata</i>	Auriculate false-foxglove	Plant	2	2	6
<i>Tortula ammonsiana</i>	Ammons' tortula	Plant	2	1	6
<i>Trifolium calcaricum</i>	Running glade clover	Plant	2	1	6
<i>Trillium rugelii</i>	Southern nodding trillium	Plant		3	6
<i>Trillium simile</i>	Sweet white trillium	Plant		3	6
<i>Aneides aeneus</i>	Green Salamander	Amphibian	2		7
<i>Plethodon petraeus</i>	Pigeon Mountain Salamander	Amphibian		1	7
<i>Microtus chrotorrhinus carolinensis</i>	Southern rock vole	Mammal	2	3	7
<i>Neotoma floridana haematorea</i>	Southern Appalachian eastern woodrat	Mammal	2		7
<i>Neotoma magister</i>	Allegheny woodrat	Mammal	2		7
<i>Ageratina luciae-brauniae</i>	Lucy Braun's white snakeroot	Plant	2		7
<i>Allium cuthbertii</i>	Striped garlic	Plant		3	7
<i>Allium speculae</i>	Little river canyon onion	Plant	2		7
<i>Amorpha glabra</i>	Appalachian indigo bush	Plant		3	7
<i>Aster avitus</i>	Alexander's rock aster	Plant	2	1	7
<i>Aster surculosus</i>	Creeping aster	Plant		3	7
<i>Calamagrostis cainii</i>	Cain's reedgrass	Plant	2	2	7
<i>Carex misera</i>	Wretched sedge	Plant		3	7
<i>Clematis coactilis</i>	Virginia white-haired leatherflower	Plant		3	7
<i>Clematis viticaulis</i>	Millboro leatherflower	Plant	2	2	7
<i>Cyperus granitophilus</i>	Granite-loving flatseed	Plant		3	7
<i>Draba aprica</i>	Whitlow grass	Plant		3	7
<i>Heuchera alba</i>	White alumroot	Plant		2	7
<i>Krigia montana</i>	False dandelion	Plant		3	7
<i>Liatris turgida</i>	Shale-barren blazing star	Plant		3	7
<i>Paronychia virginica var. virginica</i>	Yellow nailwort	Plant	2	1	7
<i>Robinia viscosa var. hartwegii</i>	Hartwig's locust	Plant		1	7
<i>Rudbeckia triloba var. pinnatifida</i>	Pinnately-lobed brown-eyed sunflower	Plant	2	3	7
<i>Saxifraga careyana</i>	Golden-eye saxifrage	Plant		3	7
<i>Saxifraga caroliniana</i>	Carolina saxifrage	Plant	2	2	7
<i>Scutellaria saxatilis</i>	Rock skullcap	Plant		2	7
<i>Sedum nevii</i>	Nevius' stonecrop	Plant	2	2	7
<i>Solidago simulans</i>	Granite dome goldenrod	Plant		1	7
<i>Talinum mengesii</i>	Menge's flame-flower	Plant		3	7
<i>Trichomanes petersii</i>	Dwarf filmy fern	Plant		3	7
<i>Xanthoparmelia monticola</i>	A foliose lichen	Plant		2	7
<i>Aimophila aestivalis</i>	Bachman's Sparrow	Bird	2	3	8
<i>Ammodramus henslowii</i>	Henslow's Sparrow	Bird	2		8
<i>Lanius ludovicianus</i>	Loggerhead Shrike	Bird	2		8
<i>Calystegia catesbiana ssp. sericata</i>	Blue Ridge bindweed	Plant		3	8
<i>Plethodon hubrichti</i>	Peaks of Otter Salamander	Amphibian	2	2	10
<i>Plethodon punctatus</i>	Cow Knob Salamander	Amphibian	2	3	10
<i>Juglans cinerea</i>	Butternut	Plant	2	3	10
<i>Desmognathus aeneus</i>	Seepage Salamander	Amphibian	2		11
<i>Eurycea aquatica</i>	Dark-sided (Brownback) Salamander	Amphibian	2		11
<i>Eurycea junaluska</i>	Junaluska Salamander	Amphibian	2	2	11
<i>Corynorhinus rafinesquii</i>	Rafinesque's big-eared bat	Mammal	2	3	11
<i>Sorex palustris punctulatus</i>	Southern Water shrew	Mammal	2	3	11
<i>Aspiromitus appalachianus</i>	A hornwort	Plant		1	11
<i>Calamovilfa arcuata</i>	Cumberland sandgrass	Plant	2	2	11
<i>Cardamine clematitis</i>	Mountain bitter cress	Plant	2	2	11
<i>Cardamine flagellifera</i>	Bittercress	Plant		3	11
<i>Carex austrocaroliniana</i>	South Carolina sedge	Plant		3	11
<i>Carex ruthii</i>	Ruth's sedge	Plant		3	11
<i>Diphylleia cymosa</i>	Umbrella leaf	Plant		3	11
<i>Glyceria nubigena</i>	Smoky Mountain manna grass	Plant	2	2	11
<i>Hasteola suaveolens</i>	Sweet Indian plantain	Plant		3	11
<i>Hydrothyria venosa</i>	An aquatic lichen	Plant		3	11
<i>Iliamna remota</i>	Kankakee globe-mallow	Plant	2	1	11
<i>Marshallia trinervia</i>	Broadleaf Barbara's buttons	Plant		3	11
<i>Megaceros aenigmaticus</i>	A hornwort	Plant		2	11





appendix F

Table F-1 (cont.) The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Plantago cordata</i>	Heart-leaf plantain	Plant		3	11
<i>Sida hermaphrodita</i>	Virginia mallow	Plant		3	11
<i>Solidago rupestris</i>	Rock goldenrod	Plant		2	11
<i>Stellaria corei</i>	Core's starwort	Plant		3	11
<i>Viburnum bracteatum</i>	Arrowwood	Plant	2		11
<i>Vitis rupestris</i>	Sand grape	Plant		3	11
<i>Smilax biltmoreana</i>	Biltmore carrion-flower	Plant		2	12
<i>Dendroica cerulea</i>	Cerulean Warbler	Bird	2		13
<i>Glyphyalinia clingmani</i>	Fragile supercoil	Invertebrate	2		14
<i>Paravittrea varidens</i>	Roan supercoil	Invertebrate	2		14
<i>Phacelia fimbriata</i>	Fringed scorpion-weed	Plant		3	14
<i>Accipiter gentilis</i>	Northern Goshawk	Bird	2		15
<i>Cleidogona hoffmani</i>	Hoffman's cleidogonid millipede	Invertebrate		2	15
<i>Cleidogona lachesis</i>	A millipede	Invertebrate		2	15
<i>Hepialus sciophanes</i>	A ghost moth	Invertebrate	2		15
<i>Mesodon clingmanicus</i>	Clingman Covert	Invertebrate	2		15
<i>Semiothisa fraserata</i>	Fraser Fir geometrid	Invertebrate	2		15
<i>Abies fraseri</i>	Fraser fir	Plant	2	2	15
<i>Aconitum reclinatum</i>	Trailing wolfsbane	Plant		3	15
<i>Bazzania nudicaulis</i>	Liverwort	Plant	2	2	15
<i>Brachydontium trichodes</i>	Peak moss	Plant		2	15
<i>Cacalia rugelia</i>	Rugel's ragwort	Plant	2	3	15
<i>Gymnocarpium appalachianum</i>	Appalachian oak fern	Plant	2	3	15
<i>Leptothymenium sharpii</i>	Mt. Leconte moss	Plant	2	1	15
<i>Plagiochila corniculata</i>	Liverwort	Plant		3	15
<i>Solidago glomerata</i>	Goldenrod	Plant		3	15
<i>Sphenolobopsis pearsonii</i>	Liverwort	Plant	2	2	15
<i>Stachys clingmanii</i>	Clingman's hedgenettle	Plant		3	15
<i>Chelone lyonii</i>	Purple turtlehead	Plant		3	15
<i>Silphium connatum</i>	Virginia cup-plant	Plant		3	16
<i>Brachoria cedra</i>	Cedar millipede	Invertebrate		1	18
<i>Brachoria dentata</i>	A millipede	Invertebrate		1	18
<i>Brachoria ethotela</i>	Hungry Mother millipede	Invertebrate		2	18
<i>Brachoria falcifera</i>	Big Cedar Creek millipede	Invertebrate		1	18
<i>Brachoria hoffmani</i>	Hoffman's xystodesmid millipede	Invertebrate		2	18
<i>Brachoria separanda hamata</i>	A millipede	Invertebrate		2	18
<i>Buotus carolinus</i>	A millipede	Invertebrate		1	18
<i>Conotyla venetia</i>	Venetia millipede	Invertebrate		2	18
<i>Dixioria coronata</i>	A millipede	Invertebrate		2	18
<i>Dixioria fowleri</i>	A millipede	Invertebrate		2	18
<i>Nannaria ericacea</i>	McGraw Gap Xystodesmid	Invertebrate		2	18
<i>Nannaria shenandoah</i>	Shenandoah Mountain Xystodesmid	Invertebrate		1	18
<i>Pseudotremia alecto</i>	A millipede	Invertebrate		1	18
<i>Rudiloria trimaculata tortua</i>	A millipede	Invertebrate		2	18
<i>Semionellus placidus</i>	A millipede	Invertebrate		3	18
<i>Speyeria diana</i>	Diana Fritillary Butterfly	Invertebrate	2	3	18
<i>Anemone minima</i>	Tiny anemone	Plant		3	18
<i>Brachymenium andersonii</i>	Anderson's brachymenium	Plant	2		18
<i>Buckleya distichophylla</i>	Piratebush	Plant	2	2	18
<i>Carex manhartii</i>	Manhart's sedge	Plant	2	2	18
<i>Carex purpurifera</i>	Purple sedge	Plant	2	3	18
<i>Carex roanensis</i>	Roan Mtn. sedge	Plant	2	1	18
<i>Cheilolejeunea evansii</i>	Liverwort	Plant	2	H	18
<i>Collinsonia verticillata</i>		Plant		2	18
<i>Cypripedium kentuckiense</i>	Southern lady's-slipper	Plant	2	3	18
<i>Helianthus glaucophyllus</i>	White-leaved sunflower	Plant		3	18
<i>Hexastylis arifolia var. ruthii</i>	Appalachian little brown jug	Plant		3	18
<i>Hexastylis contracta</i>	Mountain heartleaf	Plant	2	3	18
<i>Hexastylis rhombiformis</i>	French Broad heartleaf	Plant	2	2	18
<i>Lysimachia fraseri</i>	Fraser's loosestrife	Plant	2	2	18
<i>Phlox amplifolia</i>	Broadleaf phlox	Plant		3	18
<i>Rhododendron vaseyi</i>	Pink-shell azalea	Plant		3	18
<i>Schlotheimia lancifolia</i>	Highlands moss	Plant	2	2	18

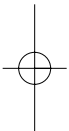


Table F-1 (cont.) The list of 366 terrestrial plant and animal species with viability concern for the Southern Appalachian Assessment area sorted according to groupings based on habitat association.

Scientific Name	Common Name	Taxa	Federal Status	Global Rank	Species Group ¹
<i>Waldsteinia lobata</i>	Lobed barren-strawberry	Plant		2	18
<i>Cimicifuga rubifolia</i>	Appalachian bugbane	Plant	2	3	18
<i>Phyciodes batesii</i>	Tawny crescent-spot butterfly	Invertebrate	2		19
<i>Carex amplisquama</i>	Fort mountain sedge	Plant	2	2	19
<i>Carex polymorpha</i>	Variable sedge	Plant	2	2	19
<i>Shortia galacifolia</i> var. <i>brevistyla</i>	Short-styled oconee bells	Plant	2	1	18
<i>Shortia galacifolia</i> var. <i>galacifolia</i>	Oconee bells	Plant	2	2	18
<i>Solidago lancifolia</i>	Lance leafed goldenrod	Plant		3	18
<i>Trillium discolor</i>	Mottled trillium	Plant		3	18
<i>Trillium pusillum</i> (T.p. var 1)	Least trillium	Plant	2	3	18
<i>Trillium pusillum</i> var. <i>monticulum</i>	Trillium	Plant	2	3	18
<i>Vaccinium hirsutum</i>	Hairy blueberry	Plant	2	3	18
<i>Carex radfordii</i> (=C. species 3)	Radford's sedge	Plant		1	19
<i>Fothergilla major</i>	Witch alder	Plant		3	19
<i>Gaylussacia brachycera</i>	Box huckleberry	Plant		3	19
<i>Monotropsis odorata</i>	Sweet pinesap	Plant	2	3	19
<i>Nestronia umbellula</i>	Nestronia	Plant		3	19
<i>Phlox buckleyi</i>	Sword leaved phlox	Plant		2	19
<i>Prunus alleghaniensis</i>	Alleghany plum	Plant	2	3	19
<i>Xerophyllum asphodeloides</i>	Eastern turkey beard	Plant		3	19
<i>Pituophis m. melanoleucus</i>	Northern Pine Snake	Reptile	2		19
<i>Atheta annexa</i>	A rove beetle	Invertebrate		2	
<i>Atheta troglodroma</i>	A rove beetle	Invertebrate		1	
<i>Catocala herodias gerhardi</i>	Herodias underwing	Invertebrate		3	
<i>Cicindela ancociscionensis</i>	A tiger beetle	Invertebrate		3	
<i>Cicindela patruela</i>	Barrens Tiger beetle	Invertebrate		3	
<i>Helicodiscus hexodon</i>	Toothy coil	Invertebrate	2		
<i>Paravittia ternaria</i>	Sculptured supercoil	Invertebrate	2		
<i>Sigmoria whiteheadi</i>	A millipede	Invertebrate		1	
<i>Speyeria idalia</i>	Regal Fritillary Butterfly	Invertebrate	2	3	
<i>Striaria columbiana</i>	A millipede	Invertebrate		2	
<i>Striaria species 1</i>	A millipede	Invertebrate		1	
<i>Bigelovia nuttallii</i>	Nuttall's rayless goldenrod	Plant		2	
<i>Coreopsis pulchra</i>	Woodland tickseed	Plant		2	
<i>Crataegus harbisonii</i>	Harbison's hawthorn	Plant	2		
<i>Cuscuta harperi</i>	Harper's dodder	Plant	2		
<i>Diervilla rivularis</i>	Mountain bush honeysuckle	Plant		3	
<i>Helianthus longifolius</i>	Longleaf sunflower	Plant		3	
<i>Jamesianthus alabamensis</i>	Jamesianthus	Plant	2	3	
<i>Lysimachia graminea</i>	Grass-leaved loosestrife	Plant		2	
<i>Minuartia fontinalis</i>	Water stitchwort	Plant	2		
<i>Polymnia laevigata</i>	Tennessee leafcup	Plant		3	
<i>Prenanthes barbata</i>	Bearded rattlesnake-root	Plant	2	2	
<i>Rubus whartoniae</i>	Wharton's dewberry	Plant	2		
<i>Rudbeckia heliopsisidis</i>	Sun-facing coneflower	Plant	2	2	
<i>Sabatia capitata</i>	Rose pink	Plant		2	
<i>Silene regia</i>	Royal catchfly	Plant		3	
<i>Silphium brachiatum</i>	Cumberland rosinweed	Plant	2		
<i>Thalictrum subrotundum</i>	Reclined meadowrue	Plant	2		
<i>Tomanthera pseudophyllum</i>	Shiner's false-foxglove	Plant	2	2	
<i>Trillium lancifolium</i>	Narrow-leaved trillium	Plant		3	

¹Species 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