

## **Appendix J – Endangered and Threatened Species and Sensitive Ecosystems Within the TVA Region**

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## SENSITIVE OR THREATENED ECOSYSTEMS

### **Southern Appalachian Spruce-Fir Forests**

The southern Appalachian spruce-fir forest occupies the highest elevation zone of the Blue Ridge and parts of the central Appalachians, generally dominated by Fraser fir and red spruce or a mixture of both. Due to topographic and geographic isolation, spruce-fir forests of the southern Appalachians are rich in rare and endemic species (White et al. 1993; Jenkins 2007). These species include rugel's ragwort, spruce-fir moss spider, Carolina and northern flying squirrels, and several species of mosses and liverworts only known from these forests. Commercial logging and associated fires of the early 1900s reduced the forests to a fraction of their former expanse (Korstian 1937). According to Pyle (1988), approximately 75 percent of the remaining southern Appalachian spruce-fir forests occur in the Great Smoky Mountain National Park. Currently these forests are being severely impacted by the balsam woolly adelgid, an imported insect first detected in the southern Appalachians in the late 1950s (Jenkins 2003). Coupled with the balsam wooly adelgid and high levels of acid deposition and ozone exposure, much of the spruce-fir forest has been decimated (Jenkins 2007).

### **Cedar Glades**

Cedar glades are areas of exposed limestone bedrock, gravel, and/or shallow soil over limestone bedrock, sparsely vegetated with low-growing herbaceous plants and red cedars (Quartermar 1993). The greatest concentration occurs within the Interior Plateau ecoregion in central Kentucky, central Tennessee, and northern Alabama. A few glades also occur within the Ridge and Valley Province of Alabama, Georgia, Tennessee, and Virginia. Twenty-two species or subspecies of plants are endemic to these southeastern glades (Baskin and Baskin 1986; 2003). Three federally listed species (Tennessee coneflower, Pyne's ground plum, and leafy prairie clover) along with several state-listed species are found in the cedar glade ecosystem. The total area of cedar glades, most of which are within the TVA region, is only a few thousand acres. Many glades have been destroyed or heavily disturbed by urban development, highway construction, agricultural activities, and reservoir impoundment. Often these fragile ecosystems are used for illegal dumping grounds for household waste and recreational use by off-road vehicles. In addition, many glades are being invaded by exotic invasive plant species that outcompete the native plants for resources.

### **Remnant Grasslands, Prairies, and Barrens**

In the southeastern U.S., native grasslands and prairies, while frequently being reduced to roadside remnants, occur sporadically throughout the region in a wide range of ecological settings (Pyne 2008). According to MacGowen et al. (2009), the open prairie habitat, dominated by little blue stem, also contains many other species of grasses and herbaceous plants (such as big blue stem, Indian grass, compass plant, and Mexican hat) characteristic of the Great Plains. Based on this correlation, it may suggest that during past geologic time, a grassland corridor connected the Great Plains to the southeastern U.S. A specific type of grassland community, the Southern Appalachian Grassy Bald, consists of treeless areas covered by grasses, sedges and forbs and surrounded by spruce-fir forests at high elevations in the Blue Ridge ecoregion (Jenkins 2007). The barrens ecosystems are a mosaic of open canopy woodlands with a grassy understory and areas of essentially treeless grassland. According to DeSelms and Murdock (1993), the barrens in the southern Appalachians are related by their dominant plants to prairies of the west and north but are unique in that they have strong local and southern plant relationships. Big blue stem, little blue stem, Indian grass, pale-purple coneflower, and prairie gentian are species in common with the tall grass prairies of the Midwest, and false asphodel and snowy orchids are

disjunct species from the coastal plain (United States Fish and Wildlife Service 2009). Other than human impacts, one of the main threats associated with these ecosystems is from encroachment of woody vegetation into the open areas.

One of the best examples of this ecosystem is the Southern Coastal Plain Blackland Prairie and Woodlands found in Mississippi and Alabama. Areas of Blackland Prairie are typically found on well-drained, slowly permeable, alkaline soils, while the Blackland Woodlands are mostly oak-hickory forests associated with strongly acidic soils. These open prairies are also home to several endemic and rare species of plants (celestial lily, old Cahaba rosinweed, purple prairie clover, and three-flowered hawthorn). However, due to the region's fertile soil, much of the prairie has been lost to agriculture and has been reduced to small remnants. It is estimated that less than 1 percent of the Black Belt's open prairie habitat remain intact. The remaining prairie remnants are threatened by development, erosion, encroachment of eastern red cedar, waste disposal, fire suppression, and other human activities. In recent years, areas in several of the higher-quality prairies have been disturbed by recreational driving and planting greenfields for deer hunting (MacGowen et al. 2009). In addition, the invasion of Chinese tallow tree, cogongrass, and kudzu alters the ecosystem and inhibits the growth of native species (Stanton and Wymer 2008).

### **Appalachian Highlands Bogs, Fens, and Seeps**

Mountain fens and bogs are unique and uncommon wetlands found in the Appalachian Highlands of the southern U.S. They range in geographic distribution from West Virginia to Alabama and in size from approximately 2 to 120 acres. Appalachian fens occur in four principal landscape positions: headwater regions of mountain streams, stream valleys no longer subject to flooding, slopes intercepting the water table and subject to constant seepage from groundwater, and isolated systems over resistant rock strata (Moorhead et al. 2000). Appalachian Highland bogs and fens are naturally open and usually have a mixture of vegetation types, including patches of open tree canopy, shrub thickets, and beds of herbs, ferns, grasses, and sedges. Floristically, they are closely related to bogs of the northern United States and Canada; however, they often contain a combination of disjunct northern plant species and typical southern wetland species (NatureServe 2009). The federally listed rare plants known from these communities include bog asphodel, bunched arrowhead, green pitcher plant, monkey face orchid, mountain sweet pitcher plant, and swamp pink. According to Warren et al. (2004), southern Appalachian wetlands contain almost one-fifth of North Carolina rare plant species.

Due to the small sizes of most bogs and fens, this ecosystem is one of the most imperiled in the southern Appalachians and is highly susceptible to human alterations, such as draining, filling, or conversion to pasture. Such alterations affect these communities quickly and drastically.

### **Bottomland Hardwood Forests**

Bottomland hardwood forests are deciduous forested wetlands found along rivers and streams of the Southeast and South Central United States, generally in broad floodplains (NatureServe 2009). These forests are dominated by bald cypress, gum (black or tupelo), and oak species (such as basket, overcup, water, and willow), which have the ability to survive in areas that are either seasonally flooded or covered with water much of the year. Bottomland hardwoods serve a critical role in the watershed by reducing the risk and severity of flooding to downstream communities by providing areas to store floodwater. In addition, these wetlands improve water quality by filtering and flushing nutrients, processing organic wastes, and reducing sediment before it reaches open water (United States Environmental Protection Agency [USEPA] 2008). It is estimated that bottomland

hardwood forests once covered almost 30 million acres across the southeastern U.S. and today, only about 40 percent of that area still supports these productive and unique ecosystems. The loss of bottomland hardwoods has been largely due to conversion of the land for agricultural purposes (USEPA 2008).

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**Table K-1. Alabama State-Listed Species Located Within or in the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Cambarus hamulatus</i>	Troglobitic Crayfish	S3?	SPCO
<i>Cambarus jonesi</i>	Troglobitic Crayfish	S2	SPCO
<i>Cambarus veitchorum</i>	A Troglobitic Crayfish	S1	TRKD
<i>Orconectes australis australis</i>	A Crayfish	S3	TRKD
<i>Orconectes sheltae</i>	Shelta Cave Crayfish	S1	POTL
<i>Procambarus pecki</i>	Troglobitic Crayfish	S2?	TRKD
<i>Palaemonias alabamae</i>	Alabama Blind Cave Shrimp	S1S2	SP
<i>Gomphus consanguis</i>	Cherokee Clubtail	S1S2	TRKD
<i>Micrasema scotti</i>	A Caddisfly	S1	TRKD
<i>Agapetus gelbae</i>	Glossosomatid Caddisfly	S1	RARE
<i>Agapetus hessi</i>	A Glossosomatid Caddisfly	S1	TRKD
<i>Cheumatopsyche helma</i>	Helma's Cheumatopsyche Caddisfly	S1	RARE
<i>Cheumatopsyche kinlockensis</i>	A Caddisfly	S1	RARE
<i>Hydropsyche cuanis</i>	A Caddisfly	S1	TRKD
<i>Hydropsyche rotosa</i>	A Caddisfly	S1	RARE
<i>Hydropsyche simulans</i>	A Caddisfly	S1	RARE
<i>Ceraclea alabamae</i>	A Caddisfly	S1	RARE
<i>Ceraclea alces</i>	A Caddisfly	S1	RARE
<i>Triaenodes abus</i>	A Caddisfly	S1	RARE
<i>Psilotreta labida</i>	A Caddisfly	S1	TRKD
<i>Chimarra socia</i>	A Caddisfly	S1	TRKD
<i>Dolophilodes major</i>	A Caddisfly	S1	TRKD
<i>Phryganea sayi</i>	A Caddisfly	S1	TRKD
<i>Polycentropus nascotius</i>	A Caddisfly	S1	TRKD
<i>Rhyacophila alabama</i>	A Caddisfly	S1	POTL
<i>Rhyacophila carolae</i>	A Caddisfly	S1	RARE
<i>Rhyacophila fenestra</i>	A Caddisfly	S1	RARE
<i>Rhyacophila minor</i>	A Caddisfly	S1	TRKD
<i>Agarodes stannardi</i>	Stannard's Agarodes Caddisfly	S2	RARE
<i>Actinonaias ligamentina</i>	Mucket	S2	TRKD
<i>Actinonaias pectorosa</i>	Pheasantshell	S1	TRKD
<i>Alasmidonta marginata</i>	Elktoe	SX	EXTI
<i>Alasmidonta viridis</i>	Slippershell Mussel	S1	PROT
<i>Anodontoides radiatus</i>	Rayed Creekshell	S1S2	TRKD
<i>Arcidens confragosus</i>	Rock Pocketbook	S3	TRKD
<i>Cumberlandia monodonta</i>	Spectaclecase	S1	PROT

Scientific Name	Common Name	State Rank	State Status
<i>Cyprogenia stegaria</i>	Fanshell	S1	PROT
<i>Dromus dromas</i>	Dromedary Pearlymussel	S1	PROT
<i>Ellipsaria lineolata</i>	Butterfly	S3	TRKD
<i>Elliptio dilatata</i>	Spike	S1	TRKD
<i>Epioblasma arcaeformis</i>	Sugarspoon	SX	EXTI
<i>Epioblasma biemarginata</i>	Angled Riffleshell	SX	EXTI?
<i>Epioblasma brevidens</i>	Cumberland Combshell	S1	PROT
<i>Epioblasma capsaeformis</i>	Oyster Mussel	SX	PROT
<i>Epioblasma florentina florentina</i>	Yellow-Blossom Pearlymussel	SX	PROT
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	SX	PROT
<i>Epioblasma haysiana</i>	Acornshell	SH	EXTI?
<i>Epioblasma lenior</i>	Narrow Catspaw	SX	EXTI?
<i>Epioblasma metastriata</i>	Upland Combshell	SX	PROT
<i>Epioblasma obliquata obliquata</i>	Purple Catspaw	SX	PROT
<i>Epioblasma othcaloogensis</i>	Southern Acornshell	SX	PROT
<i>Epioblasma penita</i>	Southern Combshell	S1	PROT
<i>Epioblasma personata</i>	Round Combshell	SX	EXTI
<i>Epioblasma propinqua</i>	Tennessee Riffleshell	SX	EXTI
<i>Epioblasma stewardsonii</i>	Cumberland Leafshell	SX	EXTI
<i>Epioblasma torulosa torulosa</i>	Tubercled Blossom Pearlymussel	SX	PROT
<i>Epioblasma triquetra</i>	Snuffbox	S1	TRKD
<i>Epioblasma turgidula</i>	Turgid Blossom Pearlymussel	SX	EXTI
<i>Fusconaia barnesiana</i>	Tennessee Pigtoe	S1	TRKD
<i>Fusconaia cor</i>	Shiny Pigtoe Pearlymussel	S1	PROT
<i>Fusconaia cuneolus</i>	Fine-Rayed Pigtoe	S1	PROT
<i>Fusconaia subrotunda</i>	Long-Solid	S1	TRKD
<i>Hemistena lata</i>	Cracking Pearlymussel	SX	PROT
<i>Lampsilis abrupta</i>	Pink Mucket	S1	PROT
<i>Lampsilis fasciola</i>	Wavy-Rayed Lampmussel	S1S2	TRKD
<i>Lampsilis straminea straminea</i>	Rough Fatmucket	S2	TRKD
<i>Lampsilis virescens</i>	Alabama Lampmussel	S1	PROT
<i>Lasmigona complanata</i>	White Heelsplitter	S2S3	TRKD
<i>Lasmigona holstonia</i>	Tennessee Heelsplitter	S1S2	TRKD
<i>Lemiox rimosus</i>	Birdwing Pearlymussel	SX	PROT
<i>Leptodea leptodon</i>	Scaleshell	SX	PROT
<i>Lexingtonia dolabelloides</i>	Slabside Pearlymussel	S1	PROT
<i>Ligumia recta</i>	Black Sandshell	S2	TRKD
<i>Medionidus acutissimus</i>	Alabama Moccasinshell	S1	PROT
<i>Medionidus conradicus</i>	Cumberland Moccasinshell	S1	PROT

Scientific Name	Common Name	State Rank	State Status
<i>Obovaria olivaria</i>	Hickorynut	SX	EXTI
<i>Obovaria retusa</i>	Ring Pink	S1	PROT
<i>Obovaria subrotunda</i>	Round Hickorynut	S2	TRKD
<i>Obovaria unicolor</i>	Alabama Hickorynut	S2	TRKD
<i>Plethobasus cicatricosus</i>	White Wartyback	S1	PROT
<i>Plethobasus cooperianus</i>	Orange-Foot Pimpleback	S1	PROT
<i>Plethobasus cyphyus</i>	Sheepnose	S1	PROT
<i>Pleurobema clava</i>	Clubshell	SX	PROT
<i>Pleurobema cordatum</i>	Ohio Pigtoe	S2	TRKD
<i>Pleurobema decisum</i>	Southern Clubshell	S2	PROT
<i>Pleurobema furvum</i>	Dark Pigtoe	S1	PROT
<i>Pleurobema georgianum</i>	Southern Pigtoe	S1	PROT
<i>Pleurobema marshalli</i>	Flat Pigtoe	SX	PROT
<i>Pleurobema oviforme</i>	Tennessee Clubshell	S1	TRKD
<i>Pleurobema perovatum</i>	Ovate Clubshell	S1	PROT
<i>Pleurobema plenum</i>	Rough Pigtoe	S1	PROT
<i>Pleurobema rubellum</i>	Warrior Pigtoe	S1	TRKD
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	S2	PROT
<i>Pleurobema sintoxia</i>	Round Pigtoe	S1	TRKD
<i>Pleurobema taitianum</i>	Heavy Pigtoe	S1	PROT
<i>Potamilus ohiensis</i>	Pink Papershell	S3	TRKD
<i>Ptychobranchus fasciolaris</i>	Kidneyshell	S1	TRKD
<i>Ptychobranchus greenii</i>	Triangular Kidneyshell	S1	PROT
<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	SX	PROT
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	S1	PROT
<i>Quadrula fragosa</i>	Winged Mapleleaf	SX	PROT
<i>Quadrula intermedia</i>	Cumberland Monkeyface	S1	PROT
<i>Quadrula metanevra</i>	Monkeyface	S3	TRKD
<i>Quadrula nodulata</i>	Wartyback	S1S2	TRKD
<i>Quadrula stapes</i>	Stirrupshell	SH	PROT
<i>Strophitus subvexus</i>	Southern Creekmussel	S3	TRKD
<i>Strophitus undulatus</i>	Squawfoot	S1	TRKD
<i>Toxolasma cylindrellus</i>	Pale Lilliput	S1	PROT
<i>Toxolasma lividus</i>	Purple Lilliput	S2	TRKD
<i>Toxolasma parvum</i>	Lilliput	S3	TRKD
<i>Truncilla truncata</i>	Deertoe	S1	TRKD
<i>Villosa fabalis</i>	Rayed Bean	SX	PROT
<i>Villosa iris</i>	Rainbow	S3	TRKD
<i>Villosa taeniata</i>	Painted Creekshell	S3	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Villosa trabalis</i>	Cumberland Bean	SX	PROT
<i>Atheurnia anthonyi</i>	Anthony's River Snail	S1	PROT
<i>Campeloma decampi</i>	Slender Campeloma	S1	PROT
<i>Elimia interveniens</i>	Slowwater Elimia	S2	TRKD
<i>Elimia modesta</i>	Coldwater Elimia	S3S4	TRKD
<i>Elimia nassula</i>	Round-Rib Elimia	S1	TRKD
<i>Io fluvialis</i>	Spiny Riversnail	SX	EXTI
<i>Leptoxis minor</i>	Knob Mudalia	S?	EXTI
<i>Lithasia armigera</i>	Armored Rocksnail	S1	TRKD
<i>Lithasia geniculata</i>	Ornate Rocksnail	S1	TRKD
<i>Lithasia lima</i>	Warty Rocksnail	SH	HIST
<i>Lithasia salebrosa</i>	Muddy Rocksnail	S1	TRKD
<i>Lithasia verrucosa</i>	Varicose Rocksnail	S3	TRKD
<i>Pleurocera alveare</i>	Rugged Hornsnail	S2	TRKD
<i>Pleurocera annulifera</i>	Ringed Hornsnail	S3S4	TRKD
<i>Pleurocera brumbyi</i>	Spiral Hornsnail	S2	TRKD
<i>Pleurocera corpulenta</i>	Corpulent Hornsnail	S1	TRKD
<i>Pleurocera curta</i>	Shortspire Hornsnail	S1S2	TRKD
<i>Pleurocera nobilis</i>	Noble Hornsnail	S2	TRKD
<i>Pleurocera pyrenella</i>	Skirted Hornsnail	S2	TRKD
<i>Pleurocera walkeri</i>	Telescope Hornsnail	S3	TRKD
<i>Pyrgulopsis pachyta</i>	Armored Marstonia	S1	PROT
<i>Somatogyrus aureus</i>	Golden Pebblesnail	SH	HIST
<i>Somatogyrus coosaensis</i>	Coosa Pebblesnail	SH	HIST
<i>Somatogyrus excavatus</i>	Ovate Pebblesnail	SH	HIST
<i>Somatogyrus humerosus</i>	Atlas Pebblesnail	SH	HIST
<i>Somatogyrus obtusus</i>	Moon Pebblesnail	SH	HIST
<i>Somatogyrus strengi</i>	Rolling Pebblesnail	SH	THR
<i>Carpioles carpio</i>	River Carpsucker	S2	TRKD
<i>Cyprinella caerulea</i>	Blue Shiner	S1	PROT
<i>Elassoma alabamae</i>	Spring Pygmy Sunfish	S1	PROT
<i>Erimonax monachus</i>	Spotfin Chub	SX	PROT
<i>Erimystax insignis</i>	Blotched Chub	S2	TRKD
<i>Etheostoma blennioides</i>	Greenside Darter	S3	TRKD
<i>Etheostoma boschungi</i>	Slackwater Darter	S1	PROT
<i>Etheostoma camurum</i>	Bluebreast Darter	S1	TRKD
<i>Etheostoma corona</i>	Crown Darter	S2	TRKD
<i>Etheostoma ditrema</i>	Coldwater Darter	S1	PROT
<i>Etheostoma douglasi</i>	Tuskaloosa Darter	S2	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Etheostoma flabellare</i>	Fantail Darter	S3	TRKD
<i>Etheostoma jessiae</i>	Blueside Darter	S3	TRKD
<i>Etheostoma kennicotti</i>	Stripetail Darter	S3	TRKD
<i>Etheostoma neopterum</i>	Lollipop Darter	S1	PROT
<i>Etheostoma rufilineatum</i>	Redline Darter	S3	TRKD
<i>Etheostoma simoterum</i>	Snubnose Darter	S3	TRKD
<i>Etheostoma trisella</i>	Trispot Darter	SX	TRKD
<i>Etheostoma tuscumbia</i>	Tuscumbia Darter	S2	PROT
<i>Etheostoma wapiti</i>	Boulder Darter	S1	PROT
<i>Hemitremia flammea</i>	Flame Chub	S3	TRKD
<i>Hybopsis amblops</i>	Bigeye Chub	S3	TRKD
<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	S2	TRKD
<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	S1	TRKD
<i>Moxostoma anisurum</i>	Silver Redhorse	S2	TRKD
<i>Notropis albizonatus</i>	Palezone Shiner	S1	PROT
<i>Notropis cahabae</i>	Cahaba Shiner	S2	PROT
<i>Notropis micropteryx</i>	Rosyface Shiner	S2	TRKD
<i>Notropis photogenis</i>	Silver Shiner	S1	TRKD
<i>Notropis sp. 4</i>	Sawfin Shiner	S2	TRKD
<i>Noturus eleutherus</i>	Mountain Madtom	S1	TRKD
<i>Noturus exilis</i>	Slender Madtom	S3	TRKD
<i>Noturus flavus</i>	Stonecat	S1	TRKD
<i>Percina brevicauda</i>	Coal Darter	S2	TRKD
<i>Percina burtoni</i>	Blotchside Logperch	S1	TRKD
<i>Percina evides</i>	Gilt Darter	S2	TRKD
<i>Percina lenticula</i>	Freckled Darter	S2S3	TRKD
<i>Percina shumardi</i>	River Darter	S3	TRKD
<i>Percina sipsi</i>	Bankhead Darter	S1	TRKD
<i>Percina tanasi</i>	Snail Darter	S1	PROT
<i>Phenacobius uranops</i>	Stargazing Minnow	S1	TRKD
<i>Phoxinus erythrogaster</i>	Southern Redbelly Dace	S3	TRKD
<i>Polyodon spathula</i>	Paddlefish	S3	PROT
<i>Speoplatyrhinus poulsoni</i>	Alabama Cavefish	S1	PROT
<i>Typhlichthys subterraneus</i>	Southern Cavefish	S3	PROT
<b>Plant Species</b>			
<i>Leavenworthia alabamica</i>	Alabama Glade-Cress	S2	SLNS
<i>Jamesianthus alabamensis</i>	Alabama Jamesianthus	S3	SLNS
<i>Delphinium alabamicum</i>	Alabama Larkspur	S2	SLNS
<i>Cheilanthes alabamensis</i>	Alabama Lipfern	S3	SLNS

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Scientific Name	Common Name	State Rank	State Status
<i>Scutellaria alabamensis</i>	Alabama Skullcap	S2	SLNS
<i>Neviusia alabamensis</i>	Alabama Snow-Wreath	S2	SLNS
<i>Rubus allegheniensis</i>	Allegheny Blackberry	S1	SLNS
<i>Pachysandra procumbens</i>	Allegheny-Spurge	S2S3	SLNS
<i>Diarrhena americana</i>	American Beakgrain	S2	SLNS
<i>Frasera caroliniensis</i>	American Columbo	S2	SLNS
<i>Monotropa hypopithys</i>	American Pinesap	S2	SLNS
<i>Cotinus obovatus</i>	American Smoke-Tree	S2	SLNS
<i>Aralia racemosa</i>	American Spikenard	S1	SLNS
<i>Trichomanes boschianum</i>	Appalachian Bristle Fern	S3	SLNS
<i>Cimicifuga rubifolia</i>	Appalachian Bugbane	SH	SLNS
<i>Isoetes engelmannii</i>	Appalachian Quillwort	S3	SLNS
<i>Viburnum bracteatum</i>	Arrow-Wood	S1	SLNS
<i>Crataegus Ashei</i>	Ash's Hawthorn	S1	SLNS
<i>Prenanthes barbata</i>	Barbed Rattlesnake-Root	S1S2	SLNS
<i>Comandra umbellata</i>	Bastard Toad-Flax	S1	SLNS
<i>Penstemon tenuiflorus</i>	Beard-Tongue	S2S3	SLNS
<i>Collinsia verna</i>	Blue-Eyed Mary	S1	SLNS
<i>Solidago uliginosa</i>	Bog Goldenrod	SH	SLNS
<i>Lobelia boykinii</i>	Boykin's Lobelia	S1S2	SLNS
<i>Asplenium bradleyi</i>	Bradley's Spleenwort	S2	SLNS
<i>Boykinia aconitifolia</i>	Brook Saxifrage	S1	SLNS
<i>Carex brysonii</i>	Bryson's Sedge	S1	SLNS
<i>Pyrularia pubera</i>	Buffalo-Nut	S2	SLNS
<i>Isoetes butleri</i>	Butler's Quillwort	S2	SLNS
<i>Juglans cinerea</i>	Butternut	S1	SLNS
<i>Lilium canadense</i>	Canada Lily	S2	SLNS
<i>Viola canadensis</i>	Canada Violet	S2	SLNS
<i>Anemone caroliniana</i>	Carolina Anemone	S3	SLNS
<i>Rhododendron minus</i>	Carolina Rhododendron	S2	SLNS
<i>Halesia carolina</i>	Carolina Silverbell	S2	SLNS
<i>Claytonia caroliniana</i>	Carolina Spring-Beauty	S1	SLNS
<i>Stylophorum diphyllum</i>	Celandine Poppy	S1	SLNS
<i>Celastrus scandens</i>	Climbing Bittersweet	S2	SLNS
<i>Callirhoe alcaeoides</i>	Clustered Poppy-Mallow	S2	SLNS
<i>Equisetum arvense</i>	Common Horsetail	S2	SLNS
<i>Eurybia surculosa</i>	Creeping Aster	S1	SLNS
<i>Croomia pauciflora</i>	Croomia	S2	SLNS
<i>Silphium brachiatum</i>	Cumberland Rosinweed	S2	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Trillium decumbens</i>	Decumbent Trillium	S3S4	SLNS
<i>Diphasiastrum tristachyum</i>	Deep-Root Clubmoss	S1	SLNS
<i>Amelanchier arborea</i>	Downy Serviceberry	S1?	SLNS
<i>Lesquerella densipila</i>	Duck River Bladderpod	S1	SLNS
<i>Dicentra cucullaria</i>	Dutchman's Breeches	S2	SLNS
<i>Trichomanes petersii</i>	Dwarf Filmy-Fern	S2	SLNS
<i>Rudbeckia auriculata</i>	Eared Coneflower	S1	SLNS
<i>Echinacea purpurea</i>	Eastern Purple Coneflower	S3	SLNS
<i>Carex eburnea</i>	Ebony Sedge	S2	SLNS
<i>Viola egglesonii</i>	Eggleson's Violet	S1	SLNS
<i>Sida elliptii</i>	Elliott Sida	S2	SLNS
<i>Melanthium parviflorum</i>	False Helleborine	S1S2	SLNS
<i>Enemion biternatum</i>	False Rue-Anemone	S2	SLNS
<i>Talinum mengesii</i>	Fame-Flower	S2S3	SLNS
<i>Hottonia inflata</i>	Featherfoil	S2	SLNS
<i>Arnoglossum plantagineum</i>	Fen Indian-Plantain	S1?	SLNS
<i>Dalea gattingeri</i>	Gattinger Prairie-Clover	S3	SLNS
<i>Athyrium pycnocarpon</i>	Glade Fern	S1S2	SLNS
<i>Fimbristylis brevivaginata</i>	Glade Fimbristylis	S1	SLNS
<i>Hydrastis canadensis</i>	Goldenseal	S2	SLNS
<i>Dryopteris goldiana</i>	Goldie's Woodfern	S1	SLNS
<i>Hymenophyllum tayloriae</i>	Gorge Filmy Fern	S1	SLNS
<i>Ribes curvatum</i>	Granite Gooseberry	S2	SLNS
<i>Cyperus granitophilus</i>	Granite-Loving Flatsedge	S2	SLNS
<i>Lysimachia graminea</i>	Grass-Leaf Loosestrife	S1	SLNS
<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-Tresses	S3	SLNS
<i>Oxalis grandis</i>	Great Yellow Wood-Sorrel	S1	SLNS
<i>Synandra hispidula</i>	Guyandotte Beauty	S1	SLNS
<i>Cuscuta harperi</i>	Harper's Dodder	S2	SLNS
<i>Linum sulcatum</i> var. <i>harperi</i>	Harper's Grooved-Yellow Flax	S1	SLNS
<i>Eriogonum longifolium</i> var. <i>harperi</i>	Harper's Umbrella-Plant	S1	SLNS
<i>Plantago cordata</i>	Heartleaved Plantain	S1	SLNS
<i>Triosteum angustifolium</i>	Horse-Gentian	S1	SLNS
<i>Monarda clinopodia</i>	Horsemint	S2	SLNS
<i>Trillium pusillum</i> var. 1	Interior Least Trillium	S2	SLNS
<i>Parnassia asarifolia</i>	Kidneyleaf Grass-of-Parnassus	S2	SLNS
<i>Neobreckia aquatica</i>	Lake-Cress	S1	SLNS
<i>Trillium lancifolium</i>	Lance-Leaf Trillium	S2S3	SLNS
<i>Isotria verticillata</i>	Large Whorled Pogonia	S2	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Cypripedium pubescens</i>	Large Yellow Lady's-Slipper	S3	SLNS
<i>Ophioglossum engelmannii</i>	Limestone Adder's-Tongue	S2S3	SLNS
<i>Talinum calcaricum</i>	Limestone Fame-Flower	S2	SLNS
<i>Thalictrum mirabile</i>	Little Mountain Meadow-Rue	S2	SLNS
<i>Allium speculae</i>	Little River Canyon Onion	S2	SLNS
<i>Helianthus longifolius</i>	Longleaf Sunflower	S1S2	SLNS
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	S2S3	SLNS
<i>Leavenworthia uniflora</i>	Michaux Leavenworthia	S2	SLNS
<i>Silphium mohrii</i>	Mohr's Rosin-Weed	S1	SLNS
<i>Stewartia ovata</i>	Mountain Camellia	S2S3	SLNS
<i>Muhlenbergia sobolifera</i>	Muhly Grass	S1	SLNS
<i>Rhynchospora colorata</i>	Narrow-Leaf Whitetop	S3S4	SLNS
<i>Nestronia umbellula</i>	Nestronia	S2	SLNS
<i>Trillium flexipes</i>	Nodding Trillium	S2S3	SLNS
<i>Bigelowia nuttallii</i>	Nuttall's Rayless Golden-Rod	S3	SLNS
<i>Orobanche uniflora</i>	One-Flowered Broomrape	S2	SLNS
<i>Silene ovata</i>	Ovate Catchfly	S2	SLNS
<i>Geum virginianum</i>	Pale Avens	S1	SLNS
<i>Mirabilis albida</i>	Pale Umbrella-Wort	S2	SLNS
<i>Leavenworthia exigua var. lutea</i>	Pasture Glade-Cress	S1	SLNS
<i>Cypripedium acaule</i>	Pink Lady-Slipper	S3	SLNS
<i>Chelone lyonii</i>	Pink Turtlehead	S1	SLNS
<i>Trillium recurvatum</i>	Prairie Trillium	S2	SLNS
<i>Silphium pinnatifidum</i>	Prairie-Dock	S1	SLNS
<i>Ribes cynosbati</i>	Prickly Gooseberry	S1S2	SLNS
<i>Salix humilis</i>	Pussy Willow	S2S3	SLNS
<i>Aplectrum hyemale</i>	Puttyroot	S2	SLNS
<i>Platanthera lacera</i>	Ragged Fringe Orchid	S2	SLNS
<i>Huperzia porophila</i>	Rock Clubmoss	S1	SLNS
<i>Sabatia capitata</i>	Rose-Gentian	S2	SLNS
<i>Silene rotundifolia</i>	Roundleaf Catchfly	S1S2	SLNS
<i>Calamovilfa arcuata</i>	Sandreed Grass	S1	SLNS
<i>Castilleja coccinea</i>	Scarlet Indian-Paintbrush	S1	SLNS
<i>Carex purpurifera</i>	Sedge	S2	SLNS
<i>Polygala senega var. latifolia</i>	Seneca Snakeroot	S1	SLNS
<i>Trillium sessile</i>	Sessile Trillium	S2	SLNS
<i>Huperzia lucidula</i>	Shining Clubmoss	S2	SLNS
<i>Hymenocallis coronaria</i>	Shoals Spider-Lily	S2	SLNS
<i>Eurybia spectabilis</i>	Showy Aster	S2	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Orchis spectabilis</i>	Showy Orchid	S3	SLNS
<i>Stewartia malacodendron</i>	Silky-Camellia	S2S3	SLNS
<i>Allium tricoccum</i>	Small White Leek	S1	SLNS
<i>Diamorpha smallii</i>	Small's Stonecrop	S3	SLNS
<i>Blephilia subnuda</i>	Smooth Blephilia	S1S2	SLNS
<i>Symphyotrichum laeve</i> var. <i>concinnum</i>	Smooth Blue Aster	S1	SLNS
<i>Lathyrus venosus</i>	Smooth Veiny Peavine	S1	SLNS
<i>Onosmodium molle</i> ssp. <i>molle</i>	Soft False Gromwell	S2	SLNS
<i>Carex austrocaroliniana</i>	South Carolina Sedge	S2?	SLNS
<i>Polygonella americana</i>	Southern Jointweed	S1	SLNS
<i>Thalictrum debile</i>	Southern Meadow-Rue	S2	SLNS
<i>Trillium sulcatum</i>	Southern Red Trillium	S1	SLNS
<i>Listera australis</i>	Southern Twayblade	S2	SLNS
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Spikemoss	S2	SLNS
<i>Selaginella rupestris</i>	Spikemoss	S2S3	SLNS
<i>Disporum maculatum</i>	Spotted Mandarin	S1	SLNS
<i>Andrachne phyllanthoides</i>	Spurge	S2S3	SLNS
<i>Hypericum nudiflorum</i>	St. John's-Wort	S2	SLNS
<i>Hypericum dolabriforme</i>	Straggling St. John's-Wort	SH	SLNS
<i>Rudbeckia heliopsisidis</i>	Sun-Facing Coneflower	S2	SLNS
<i>Schoenolirion croceum</i>	Sunnybell	S2	SLNS
<i>Schoenolirion wrightii</i>	Sunnybell	S1	SLNS
<i>Panicum lithophilum</i>	Swallen's Panic-Grass	S1	SLNS
<i>Monotropsis odorata</i> var. <i>odorata</i>	Sweet Pinesap	S1	SLNS
<i>Acorus calamus</i>	Sweetflag	S1	SLNS
<i>Delphinium exaltatum</i>	Tall Larkspur	SH	SLNS
<i>Cystopteris tennesseensis</i>	Tennessee Bladderfern	S2	SLNS
<i>Polymnia laevigata</i>	Tennessee Leafcup	S2S3	SLNS
<i>Astragalus tennesseensis</i>	Tennessee Milk-Vetch	S1S2	SLNS
<i>Rhynchospora thornei</i>	Thorne's Beakrush	S1	SLNS
<i>Crataegus triflora</i>	Three-Flowered Hawthorn	S2	SLNS
<i>Silphium trifoliatum</i> var. <i>latifolium</i>	Threeleaf Rosinweed	S3	SLNS
<i>Pediomelum subacaule</i>	Tuberous Scurfpea	S2	SLNS
<i>Lilium superbum</i>	Turk's Cap Lily	S2	SLNS
<i>Jeffersonia diphylla</i>	Twinleaf	S2	SLNS
<i>Mitella diphylla</i>	Two-Leaf Bishop's-Cap	S1	SLNS
<i>Valeriana pauciflora</i>	Valerian	S1	SLNS
<i>Asplenium heteroresiliens</i>	Wagner's Spleenwort	S1	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Euonymus atropurpureus</i>	Wahoo	S3	SLNS
<i>Asplenium ruta-muraria</i>	Wall-Rue Spleenwort	S2	SLNS
<i>Hydrophyllum appendiculatum</i>	Waterleaf	S2?	SLNS
<i>Elodea canadensis</i>	Waterweed	S1	SLNS
<i>Silene caroliniana</i> ssp. <i>wherryi</i>	Wherry's Catchfly	S1S2	SLNS
<i>Cypripedium candidum</i>	White Lady-Slipper	S1	SLNS
<i>Erythronium albidum</i>	White Trout-Lily	S1S2	SLNS
<i>Helianthus glaucocephalus</i>	White-Leaved Sunflower	SH	SLNS
<i>Fothergilla major</i>	Witch-Alder	S2	SLNS
<i>Dryopteris x australis</i>	Woodfern	S1	SLNS
<i>Coreopsis pulchra</i>	Woodland Tickseed	S2	SLNS
<i>Agastache nepetoides</i>	Yellow Giant-Hyssop	S1	SLNS
<i>Ranunculus flabellaris</i>	Yellow Water-Crowfoot	S1	SLNS
<i>Cladrastis kentukea</i>	Yellowwood	S3	SLNS
<b>Terrestrial Animal Species</b>			
<i>Necturus alabamensis</i>	Black Warrior Waterdog	S2	TRKD
<i>Hemidactylum scutatum</i>	Four-Toed Salamander	S3	TRKD
<i>Aneides aeneus</i>	Green Salamander	S3	PROT
<i>Cryptobranchus alleganiensis</i>	Hellbender	S2	PROT
<i>Desmognathus ocoee</i>	Mountain Dusky Salamander	S2	TRKD
<i>Desmognathus aeneus</i>	Seepage Salamander	S2	TRKD
<i>Ambystoma texanum</i>	Smallmouth Salamander	S3	TRKD
<i>Plethodon serratus</i>	Southern Redback Salamander	S2S3	TRKD
<i>Gyrinophilus palleucus</i>	Tennessee Cave Salamander	S2	PROT
<i>Ambystoma tigrinum</i>	Tiger Salamander	S3	TRKD
<i>Plethodon websteri</i>	Webster's Salamander	S3	TRKD
<i>Rana sylvatica</i>	Wood Frog	S2	TRKD
<i>Botaurus lentiginosus</i>	American Bittern	S1	TRKD
<i>Thryomanes bewickii altus</i>	Appalachian Bewick's Wren	S1	PROT
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S3	TRKD
<i>Vermivora bachmanii</i>	Bachman's Warbler	SX	EXTI
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3	PROT
<i>Thryomanes bewickii bewickii</i>	Bewick's Wren	SH	PROT
<i>Dendroica cerulea</i>	Cerulean Warbler	S1	TRKD
<i>Accipiter cooperii</i>	Cooper's Hawk	S3	PROT
<i>Chondestes grammacus</i>	Lark Sparrow	S3	TRKD
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S3	TRKD
<i>Falco peregrinus</i>	Peregrine Falcon	SH	PROT
<i>Charadrius melanotos</i>	Piping Plover	S1	END/THR

Scientific Name	Common Name	State Rank	State Status
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	S2	PROT
<i>Bonasa umbellus</i>	Ruffed Grouse	S1	TRKD
<i>Vireo gilvus</i>	Warbling Vireo	S1	TRKD
<i>Mycteria americana</i>	Wood Stork	S2	PROT
<i>Neotoma magister</i>	Allegheny Woodrat	S3	TRKD
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	S1	TRKD
<i>Tadarida brasiliensis</i>	Brazilian Free-Tailed Bat	S3	TRKD
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S2	PROT
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S1	TRKD
<i>Spilogale putorius</i>	Eastern Spotted Skunk	S2S3	TRKD
<i>Myotis grisescens</i>	Gray Bat	S2	PROT
<i>Myotis sodalis</i>	Indiana Bat	S2	PROT
<i>Myotis lucifugus</i>	Little Brown Bat	S3	TRKD
<i>Mustela frenata</i>	Long-Tailed Weasel	S3	PROT
<i>Zapus hudsonius</i>	Meadow Jumping Mouse	S3	PROT
<i>Myotis septentrionalis</i>	Northern Long-Eared Bat	S2	TRKD
<i>Microtus ochrogaster</i>	Prairie Vole	S2	TRKD
<i>Sorex hoyi</i>	Pygmy Shrew	SNR	TRKD
<i>Myotis austroriparius</i>	Southeastern Bat	S2	PROT
<i>Graptemys pulchra</i>	Alabama Map Turtle	S3	PROT
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	S3	PROT
<i>Graptemys nigrinoda</i>	Black-Knobbed Map Turtle	S3	TRKD
<i>Pituophis melanoleucus lodingi</i>	Black Pine Snake	S2	PROT
<i>Masticophis flagellum</i>	Coachwhip	S3	PROT
<i>Eumeces anthracinus</i>	Coal Skink	S3	TRKD
<i>Lampropeltis triangulum triangulum</i>	Eastern Milk Snake	S2	TRKD
<i>Sternotherus depressus</i>	Flattened Musk Turtle	S2	PROT
<i>Graptemys geographica</i>	Map Turtle	S3	TRKD
<i>Lampropeltis calligaster rhombomaculata</i>	Mole Kingsnake	S3	TRKD
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	S3	TRKD
<i>Graptemys ouachitensis</i>	Ouachita Map Turtle	S3	TRKD
<i>Lampropeltis calligaster calligaster</i>	Prairie Kingsnake	S1S2	TRKD
<i>Lampropeltis triangulum syspila</i>	Red Milk Snake	S2	TRKD
<i>Eumeces inexpectatus</i>	Southeastern Five-Lined Skink	S3	NOST
<i>Batriasymmodes spelaeus</i>	A Beetle	S3	TRKD
<i>Batisodes jonesi</i>	A Beetle	S2	TRKD
<i>Batisodes tumoris</i>	A Beetle	S1	TRKD
<i>Batriasymmodes spelaeus</i>	A Beetle	S3	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Batrisodes jocuvestus</i>	A Beetle	S1	TRKD
<i>Batrisodes specus</i>	A Beetle	S2	TRKD
<i>Batrisodes subterraneus</i>	A Beetle	S1	TRKD
<i>Batrisodes valentinei</i>	A Beetle	S2	TRKD
<i>Catops gratiosa</i>	A Beetle	S2	PROT
<i>Lesteva pallipes</i>	A Beetle	S1	TRKD
<i>Ptomaphagus laticornis</i>	A Beetle	S1	TRKD
<i>Ptomaphagus valentinei</i>	A Beetle	S2	TRKD
<i>Speleochechus synstygicus</i>	A Cave Obligate Beetle	S1	TRKD
<i>Ptomaphagus chromolithus</i>	A Cave Obligate Beetle	S2	TRKD
<i>Ptomaphagus longicornis</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudanophthalmus fluviatilis</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudanophthalmus profundus</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudanophthalmus alladini</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudanophthalmus meridionalis</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudotremia nyx</i>	A Cave Obligate Millipede	S1	TRKD
<i>Alabamocreagris pecki</i>	A Cave Obligate Pseudoscorpion	S1S2	TRKD
<i>Aphrastochthonius tenax</i>	A Cave Obligate Pseudoscorpion	S1S2	TRKD
<i>Apochthonius russelli</i>	A Cave Obligate Pseudoscorpion	S1	TRKD
<i>Nesticus barri</i>	A Cave Obligate Spider	S3	TRKD
<i>Pseudanophthalmus distinguens</i>	A Ground Beetle	S1	TRKD
<i>Pseudanophthalmus lodingi</i>	A Ground Beetle	S1S2	TRKD
<i>Rhadine caudata</i>	A Ground Beetle	S2	TRKD
<i>Litocampa henroti</i>	A Hexapod	S1	TRKD
<i>Folsomia candida</i>	A Springtail	S1	TRKD
<i>Pseudosinella hirsuta</i>	A Springtail	S3	TRKD
<i>Pseudosinella violenta</i>	A Springtail	S1	TRKD
<i>Pseudanophthalmus assimilis</i>	West Wills Valley Cave Beetle	S1	TRKD
<i>Nesticus jonesi</i>	Cave Spring Cave Spider	S1	TRKD

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Possibly extirpated; SNR = Not yet ranked; SX = Presumed extirpated

**State status:** END = Endangered; EXTI = Extinct; HIST = Historic records only; NOST = Species having no status but being tracked as sensitive; POTL = Potential/Species is being considered for state listing; PROT = Protected; RARE = Rare; SLNS = No state status; SP = Protected; SPCO = Species of concern; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species

**Table K-2. Georgia State-Listed Species Located Within or In the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Epioblasma metastriata</i>	Upland Combshell	S1	END
<i>Epioblasma othcaloogensis</i>	Southern Acornshell	S1	END
<i>Epioblasma penita</i>	Southern Combshell	S1	END
<i>Lampsilis altilis</i>	Fine-Lined Pocketbook	S2	THR
<i>Medionidus acutissimus</i>	Alabama Moccasinshell	S1	THR
<i>Medionidus parvulus</i>	Coosa Moccasinshell	S1	END
<i>Pleurobema chattanoogaense</i>	Painted Clubshell	S1	TRKD
<i>Pleurobema decisum</i>	Southern Clubshell	SH	END
<i>Pleurobema georgianum</i>	Southern Pigtoe	S1	END
<i>Pleurobema hanleyianum</i>	Georgia Pigtoe	S1	END
<i>Pleurobema perovatum</i>	Ovate Clubshell	SH	END
<i>Ptychobranchus greenii</i>	Triangular Kidneyshell	S1	END
<i>Strophitus connasaugaensis</i>	Alabama Creekmussel	S2S3	END
<i>Villosa trabalis</i>	Cumberland Bean	SH	HIST
<i>Cyprinella caerulea</i>	Blue Shiner	S1S2	END
<i>Erimonax monachus</i>	Spotfin Chub	SH	EXTI
<i>Erimystax insignis</i>	Blotched Chub	S2	THR
<i>Etheostoma brevirostrum</i>	Holiday Darter	S2	THR
<i>Etheostoma cinereum</i>	Ashy Darter	S1	TRKD
<i>Etheostoma ditrema</i>	Coldwater Darter	S1	THR
<i>Etheostoma etowahae</i>	Etowah Darter	S2	THR
<i>Etheostoma scotti</i>	Cherokee Darter	S2	THR
<i>Etheostoma trisella</i>	Trispot Darter	S1	THR
<i>Etheostoma vulneratum</i>	Wounded Darter	S2	END
<i>Fundulus catenatus</i>	Northern Studfish	S1	THR
<i>Hemitremia flammea</i>	Flame Chub	S1	END
<i>Hybopsis amblops</i>	Bigeye Chub	S1S2	RARE
<i>Ichthyomyzon bdellium</i>	Ohio Lamprey	S3?	RARE
<i>Luxilus chrysocephalus</i>	Striped Shiner	S3	TRKD
<i>Micropterus cataractae</i>	Shoal Bass	S3	TRKD
<i>Moxostoma carinatum</i>	River Redhorse	S2	RARE
<i>Moxostoma sp. 2</i>	Sicklefin Redhorse	S2	RARE
<i>Notropis ariommus</i>	Popeye Shiner	S1	THR
<i>Notropis hypsilepis</i>	Highscale Shiner	S2S3	THR
<i>Notropis lineapunctata</i>	Lined Chub	S3	TRKD
<i>Notropis photogenis</i>	Silver Shiner	S1	END
<i>Noturus flavipinnis</i>	Yellowfin Madtom	SH	EXTI

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Scientific Name	Common Name	State Rank	State Status
<i>Noturus munitus</i>	Frecklebelly Madtom	S1	END
<i>Percina antesella</i>	Amber Darter	S1	END
<i>Percina aurantiaca</i>	Tangerine Darter	S1	THR
<i>Percina aurolineata</i>	Goldline Darter	S1	THR
<i>Percina jenkinsi</i>	Conasauga Logperch	S1	END
<i>Percina kusha</i>	Bridled Darter	S2	RARE
<i>Percina lenticula</i>	Freckled Darter	S1	END
<i>Percina sciera</i>	Dusky Darter	S1	RARE
<i>Percina squamata</i>	Olive Darter	S1	THR
<i>Percina tanasi</i>	Snail Darter	S1	THR
<i>Phenacobius crassilabrum</i>	Fatlips Minnow	S1	END
<i>Phenacobius uranops</i>	Stargazing Minnow	S1	THR
<i>Typhlichthys subterraneus</i>	Southern Cavefish	S1	RARE
<b>Plant Species</b>			
<i>Neviusia alabamensis</i>	Alabama Snow-Wreath	S1	THR
<i>Viburnum bracteatum</i>	Arrow-Wood	S1	END
<i>Hypericum sphaerocarpum</i>	Barrens St. Johns-Wort	S1	SPCO
<i>Carex biltmoreana</i>	Biltmore Sedge	S1	THR
<i>Packera millefolia</i>	BR Ragwort	S1	THR
<i>Sanguisorba canadensis</i>	Canada Burnet	S1	THR
<i>Delphinium tricorne</i>	Dwarf Larkspur	S2?	SPCO
<i>Xerophyllum asphodeloides</i>	Eastern Turkeybeard	S1	RARE
<i>Viola egglestonii</i>	Eggleson's Violet	S2	SPCO
<i>Lindernia saxicola</i>	False Pimpernel	SH	END
<i>Lysimachia fraseri</i>	Fraser Loosestrife	S1S2	RARE
<i>Cymophyllum fraserianus</i>	Fraser's Sedge	S1	THR
<i>Gentianopsis crinita</i>	Fringed Gentian	S1	THR
<i>Leavenworthia exigua var. exigua</i>	Glade Cress	S2	THR
<i>Hydrastis canadensis</i>	Goldenseal	S2	END
<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-Tresses	S1	END
<i>Polemonium reptans</i>	Greek Valerian	S1	SPCO
<i>Dryopteris celsa</i>	Log Fern	S2	SPCO
<i>Carex manhartii</i>	Manhart Sedge	S2S3	THR
<i>Sarracenia purpurea</i>	Northern Pitcher-Plant	S1	END
<i>Trientalis borealis</i>	Northern Starflower	S1S2	END
<i>Shortia galacifolia</i>	Oconee-Bells	S1SE	END
<i>Cypripedium acaule</i>	Pink Lady-Slipper	S4	UNUS
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	S1	SPCO
<i>Sabatia capitata</i>	Rose-Gentian	S2	RARE

Scientific Name	Common Name	State Rank	State Status
<i>Silene regia</i>	Royal Catchfly	S1	RARE
<i>Carex misera</i>	Sedge	S1	THR
<i>Carex purpurifera</i>	Sedge	S2	THR
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-Slipper	S3?	UNUS
<i>Thalictrum debile</i>	Southern Meadow-Rue	S1	THR
<i>Potentilla tridentata</i>	Three-Toothed Cinquefoil	S1	END
<i>Jeffersonia diphylla</i>	Twinleaf	S1	END
<i>Agastache nepetoides</i>	Yellow Giant-Hyssop	S1	SPCO
<b>Terrestrial Animal Species</b>			
<i>Desmognathus folkertsi</i>	Dwarf Black-Bellied Salamander	S2	TRKD
<i>Hemidactylum scutatum</i>	Four-Toed Salamander	S3	TRKD
<i>Aneides aeneus</i>	Green Salamander	S2	RARE
<i>Cryptobranchus alleganiensis</i>	Hellbender	S2	RARE
<i>Pseudacris brachyphona</i>	Mountain Chorus Frog	S2	TRKD
<i>Necturus maculosus</i>	Mudpuppy	S1	TRKD
<i>Plethodon petraeus</i>	Pigeon Mountain Salamander	S1	RARE
<i>Plethodon shermani</i>	Red-Legged Salamander	S1	TRKD
<i>Desmognathus aeneus</i>	Seepage Salamander	S3	TRKD
<i>Desmognathus marmoratus</i>	Shovelnose Salamander	S3	TRKD
<i>Plethodon teyahalee</i>	Southern Appalachian Salamander	S2	TRKD
<i>Plethodon metcalfi</i>	Southern Gray-Cheeked Salamander	S2	TRKD
<i>Gyrinophilus pallaeucus</i>	Tennessee Cave Salamander	S1	THR
<i>Plethodon websteri</i>	Webster's Salamander	S2	TRKD
<i>Botaurus lentiginosus</i>	American Bittern	S3?	TRKD
<i>Falco sparverius</i>	American Kestrel	S3	TRKD
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S3	RARE
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S2	THR
<i>Thryomanes bewickii altus</i>	Bewick's Wren	SNR	TRKD
<i>Dendroica cerulea</i>	Cerulean Warbler	S3?	RARE
<i>Corvus corax</i>	Common Raven	SU	RARE
<i>Vermivora chrysoptera</i>	Golden-Winged Warbler	S1	END
<i>Ammodramus henslowii</i>	Henslow's Sparrow	S3	RARE
<i>Empidonax minimus</i>	Least Flycatcher	S3	TRKD
<i>Falco peregrinus</i>	Peregrine Falcon	S1	RARE
<i>Charadrius melanotos</i>	Piping Plover	S1	THR
<i>Loxia curvirostra</i>	Red Crossbill	SU	TRKD
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	S2	END
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	S3	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Mycteria americana</i>	Wood Stork	S2	END
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	S1S2	RARE
<i>Sorex cinereus</i>	Common Shrew	S2S3	TRKD
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S3?	RARE
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S2?	TRKD
<i>Neotoma floridana</i>	Eastern Woodrat	S3	TRKD
<i>Myotis grisescens</i>	Gray Bat	S1	END
<i>Parascalops breweri</i>	Hairy-Tailed Mole	S1	TRKD
<i>Myotis sodalis</i>	Indiana Bat	S1	END
<i>Mustela nivalis</i>	Least Weasel	S1	TRKD
<i>Sorex dispar</i>	Long-Tailed Shrew	S1	TRKD
<i>Sorex hoyi</i>	Pygmy Shrew	S2	TRKD
<i>Neotoma floridana haematoareia</i>	Southern Appalachian Woodrat	S3	TRKD
<i>Synaptomys cooperi</i>	Southern Bog Lemming	S1	TRKD
<i>Condylura cristata</i>	Star-Nosed Mole	S2?	TRKD
<i>Sorex palustris</i>	Water Shrew	S1	TRKD
<i>Graptemys pulchra</i>	Alabama Map Turtle	S1	RARE
<i>Glyptemys muhlenbergii</i>	Bog Turtle	S1	END
<i>Eumeces anthracinus</i>	Coal Skink	S2	TRKD
<i>Lampropeltis triangulum triangulum</i>	Eastern Milk Snake	S2	TRKD
<i>Graptemys geographica</i>	Map Turtle	S1	RARE
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	S2	TRKD
<i>Ophisaurus attenuatus</i>	Slender Glass Lizard	S3	TRKD

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Possibly extirpated; SU = Unrankable; SNR = State not ranked; species is considered sensitive but has not yet been assigned a state rank

**State status:** END = Endangered; EXTI = Extinct; HIST = Historic records only; RARE = Rare; SPCO = Species of concern; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species; UNUS = Unusual

**Table K-3. Kentucky State-Listed Species Located Within or In the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Barbicambarus cornutus</i>	Bottlebrush Crayfish	S2	SPCO
<i>Cambarellus shufeldtii</i>	Cajun Dwarf Crayfish	S2	SPCO
<i>Orconectes lancifer</i>	A Crayfish	S1	END
<i>Orconectes pellucidus</i>	Eyeless Crayfish	S3	SPCO
<i>Palaemonias ganteri</i>	Mammoth Cave Shrimp	S1	END
<i>Stylurus notatus</i>	Elusive Clubtail	S1	END
<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	S1	END
<i>Alasmidonta marginata</i>	Elktoe	S2	THR
<i>Cumberlandia monodonta</i>	Spectaclecase	S1	END
<i>Cyprogenia stegaria</i>	Fanshell	S1	END
<i>Dromus dromas</i>	Dromedary Pearlymussel	SX	EXTI
<i>Epioblasma brevidens</i>	Cumberland Combshell	S1	END
<i>Epioblasma florentina florentina</i>	Yellow-blossom Pearlymussel	SX	EXTI
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	S1	END
<i>Epioblasma obliquata obliquata</i>	Purple Catspaw	S1	END
<i>Epioblasma torulosa rangiana</i>	Northern Riffleshell	S1	END
<i>Epioblasma triquetra</i>	Snuffbox	S1	END
<i>Fusconaia subrotunda subrotunda</i>	Long-Solid	S3	SPCO
<i>Hemistena lata</i>	Cracking Pearlymussel	SX	EXTI
<i>Lampsilis abrupta</i>	Pink Mucket	S1	END
<i>Lampsilis ovata</i>	Pocketbook	S1	END
<i>Lexingtonia dolabelloides</i>	Slabside Pearlymussel	SH	HIST
<i>Obovaria retusa</i>	Ring Pink	S1	END
<i>Pegias fabula</i>	Little-Wing Pearlymussel	S1	END
<i>Plethobasus cooperianus</i>	Orange-Foot Pimpleback	S1	END
<i>Plethobasus cyphyus</i>	Sheepnose	S1	END
<i>Pleurobema clava</i>	Clubshell	S1	END
<i>Pleurobema oviforme</i>	Tennessee Clubshell	S1	END
<i>Pleurobema plenum</i>	Rough Pigtoe	S1	END
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	S1	END
<i>Potamilus capax</i>	Fat Pocketbook	S1	END
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	S2	THR
<i>Toxolasma lividus</i>	Purple Lilliput	S1	END
<i>Villosa lienosa</i>	Little Spectaclecase	S3S4	SPCO
<i>Villosa ortmanni</i>	Kentucky Creekshell	S2	THR
<i>Villosa trivalvis</i>	Cumberland Bean	S1	END
<i>Villosa vanuxemiensis</i>	Mountain Creekshell	S2	THR

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Scientific Name	Common Name	State Rank	State Status
<i>Lithasia armigera</i>	Armored Rocksnail	S3S4	SPCO
<i>Lithasia geniculata</i>	Ornate Rocksnail	S1	SPCO
<i>Lithasia salebrosa</i>	Muddy Rocksnail	S3S4	TRKD
<i>Lithasia verrucosa</i>	Varicose Rocksnail	S3S4	SPCO
<i>Pleurocera curta</i>	Shortspire Hornsnail	S2	SPCO
<i>Acipenser fulvescens</i>	Lake Sturgeon	S1	END
<i>Alosa alabamae</i>	Alabama Shad	S1	END
<i>Amblyopsis spelaea</i>	Northern Cavefish	S3	SPCO
<i>Ammocrypta vivax</i>	Scaly Sand Darter	SX	EXTI
<i>Atractosteus spatula</i>	Alligator Gar	S1	END
<i>Crystallaria asprella</i>	Crystal Darter	SX	EXTI
<i>Cyprinella camura</i>	Bluntnose Shiner	S1	END
<i>Cyprinella venusta</i>	Blacktail Shiner	S3	SPCO
<i>Erimystax insignis</i>	Blotched Chub	S1	END
<i>Erimyzon sucetta</i>	Lake Chubsucker	S2	THR
<i>Esox niger</i>	Chain Pickerel	S3	SPCO
<i>Etheostoma chienense</i>	Relict Darter	S1	END
<i>Etheostoma fusiforme</i>	Swamp Darter	S1	END
<i>Etheostoma lemniscatum</i>	Tuxedo Darter	S1	END
<i>Etheostoma lynceum</i>	Brighteye Darter	S1	END
<i>Etheostoma maculatum</i>	Spotted Darter	S2	THR
<i>Etheostoma microlepidum</i>	Smallscale Darter	S1	END
<i>Etheostoma parvipinne</i>	Goldstripe Darter	S1	END
<i>Etheostoma proeliare</i>	Cypress Darter	S2	THR
<i>Etheostoma pyrrhogaster</i>	Firebelly Darter	S1	END
<i>Etheostoma swaini</i>	Gulf Darter	S1	END
<i>Etheostoma tippecanoe</i>	Tippecanoe Darter	S2	TRKD
<i>Fundulus chrysotus</i>	Golden Topminnow	S1	END
<i>Fundulus dispar</i>	Starhead Topminnow	S1	END
<i>Hybognathus hayi</i>	Cypress Minnow	S1	END
<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	S2	SPCO
<i>Ichthyomyzon gagei</i>	Southern Brook Lamprey	SH	HIST
<i>Ichthyomyzon greeleyi</i>	Mountain Brook Lamprey	S2	THR
<i>Ictiobus niger</i>	Black Buffalo	S3	SPCO
<i>Lampetra appendix</i>	American Brook Lamprey	S2	THR
<i>Lepomis marginatus</i>	Dollar Sunfish	S1	END
<i>Lepomis miniatus</i>	Redspotted Sunfish	S2	THR
<i>Menidia beryllina</i>	Inland Silverside	S2	THR
<i>Moxostoma poecilurum</i>	Blacktail Redhorse	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>Notropis albizonatus</i>	Palezone Shiner	S1	END
<i>Notropis amnis</i>	Pallid Shiner	SH	HIST
<i>Notropis maculatus</i>	Taillight Shiner	S2S3	THR
<i>Noturus hildebrandi</i>	Least Madtom	S1	END
<i>Noturus phaeus</i>	Brown Madtom	S1	END
<i>Noturus stigmosus</i>	Northern Madtom	S2S3	SPCO
<i>Percina macrocephala</i>	Longhead Darter	S1	END
<i>Percopsis omiscomaycus</i>	Trout-Perch	S3	SPCO
<i>Phenacobius uranops</i>	Stargazing Minnow	S2S3	SPCO
<i>Phoxinus cumberlandensis</i>	Blackside Dace	S2	THR
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	S1	END
<i>Thoburnia atripinnis</i>	Blackfin Sucker	S2	SPCO
<i>Typhlichthys subterraneus</i>	Southern Cavefish	S2S3	SPCO
<i>Umbra limi</i>	Central Mudminnow	S2S3	THR
<b>Plant Species</b>			
<i>Cheilanthes alabamensis</i>	Alabama Lipfern	S1	END
<i>Limnobium spongia</i>	American Frog's-Bit	S2S3	THR
<i>Symphyotrichum pratense</i>	Barrens Silky Aster	S3	SPCO
<i>Lesquerella lescurei</i>	Bladderpod	S1	SPCO
<i>Clematis crispa</i>	Blue Jasmine Leather-Flower	S2	THR
<i>Phacelia ranunculacea</i>	Blue Scorpion-Weed	S3	SPCO
<i>Baptisia minor</i>	Blue Wild-Indigo	S2S3	SPCO
<i>Heterotheca subaxillaris</i> var. <i>latifolia</i>	Broad-Leaf Golden-Aster	S2	THR
<i>Myriophyllum heterophyllum</i>	Broadleaf Water Milfoil	S3?	SPCO
<i>Carex alata</i>	Broadwing Sedge	S1S2	THR
<i>Solidago buckleyi</i>	Buckley's Goldenrod	S2S3	SPCO
<i>Trifolium reflexum</i>	Buffalo Clover	S1S2	END
<i>Paspalum boscianum</i>	Bull-Grass	S2S3	SPCO
<i>Melanthium virginicum</i>	Bunchflower	S1	END
<i>Echinodorus berteroii</i>	Burhead	S2	THR
<i>Isoetes butleri</i>	Butler's Quillwort	S1	END
<i>Juglans cinerea</i>	Butternut	S3	SPCO
<i>Matelea carolinensis</i>	Carolina Anglepod	S1?	END
<i>Cabomba caroliniana</i>	Carolina Fanwort	S2	THR
<i>Delphinium carolinianum</i>	Carolina Larkspur	S1S2	THR
<i>Halesia tetrapetala</i> var. <i>tetrapetala</i>	Common Silverbell	S1S2	END
<i>Silphium laciniatum</i> var. <i>robinsonii</i>	Compass Plant	S2	THR
<i>Silphium laciniatum</i>	Compass Plant	S2	THR

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Scientific Name	Common Name	State Rank	State Status
<i>Baptisia bracteata</i> var. <i>leucophaea</i>	Cream Wild Indigo	S3	SPCO
<i>Polygala cruciata</i>	Crossleaf Milkwort	S1	END
<i>Coreopsis pubescens</i>	Downy Coreopsis	S2S3	SPCO
<i>Gentiana puberulenta</i>	Downy Gentian	S1	END
<i>Viola egglestonii</i>	Eggleson's Violet	S3	SPCO
<i>Carex decomposita</i>	Epiphytic Sedge	S2	THR
<i>Ludwigia hirtella</i>	False Loosestrife	S1	END
<i>Amianthium muscitoxicum</i>	Fly Poison	S1S2	THR
<i>Lysimachia fraseri</i>	Fraser Loosestrife	S1	END
<i>Dodecatheon frenchii</i>	French's Shootingstar	S3	SPCO
<i>Sagittaria graminea</i>	Grassleaf Arrowhead	S1S2	THR
<i>Heteranthera dubia</i>	Grassleaf Mud-Plantain	S3	SPCO
<i>Utricularia macrorhiza</i>	Greater Bladder-Wort	S1	END
<i>Ptilimnium capillaceum</i>	Hair-Like Mock Bishop-Weed	S1S2	THR
<i>Onosmodium hispidissimum</i>	Hairy False Gromwell	S1	END
<i>Fimbristylis puberula</i>	Hairy Fimbristylis	S2	THR
<i>Hieracium longipilum</i>	Hairy Hawkweed	S2	THR
<i>Scleria ciliata</i> var. <i>ciliata</i>	Hairy Nut-Rush	S1?	END
<i>Scirpus hallii</i>	Hall's Bulrush	S1	END
<i>Hydrolea ovata</i>	Hydrolea	S1	END
<i>Neobreckia aquatica</i>	Lake-Cress	S1S2	THR
<i>Trillium pusillum</i>	Least Trillium	S1	END
<i>Stellaria longifolia</i>	Longleaf Stitchwort	S2S3	SPCO
<i>Philadelphus inodorus</i>	Mock-Orange	S1S2	THR
<i>Pycnanthemum albescens</i>	Mountain-Mint	S1	END
<i>Muhlenbergia glabriflora</i>	Muhly	S2S3	SPCO
<i>Najas gracillima</i>	Naiad	S2S3	SPCO
<i>Leavenworthia torulosa</i>	Necklace Glade-Cress	S2	THR
<i>Nemophila aphylla</i>	Nemophila	S2?	THR
<i>Sporobolus heterolepis</i>	Northern Dropseed	S1	END
<i>Ptilimnium nuttallii</i>	Nuttall's Mock Bishop's-Weed	S1S2	END
<i>Oldenlandia uniflora</i>	Oldenlandia	S1	END
<i>Silene ovata</i>	Ovate Catchfly	S1	THR
<i>Melanthium woodii</i>	Ozark Bunchflower	S2	THR
<i>Perideridia americana</i>	Perideridia	S2	THR
<i>Helianthemum bicknellii</i>	Plains Frostweed	S1S2	END
<i>Juncus filipendulus</i>	Plain's Rush	S2?	THR
<i>Koeleria macrantha</i>	Prairie Junegrass	S1	END
<i>Ceanothus herbaceus</i>	Prairie Redroot	S2	THR

Scientific Name	Common Name	State Rank	State Status
<i>Agalinis skinneriana</i>	Purple Gerardia	S1S2	END
<i>Iris fulva</i>	Red Iris	S1	END
<i>Glandularia canadensis</i>	Rose Vervain	S2S3	THR
<i>Sporobolus clandestinus</i>	Rough Dropseed	S2S3	THR
<i>Hedeoma hispida</i>	Rough Pennyroyal	S2	THR
<i>Prenanthes aspera</i>	Rough Rattlesnake-Root	S1	END
<i>Bartonia virginica</i>	Screwstem	S2	THR
<i>Ulmus serotina</i>	September Elm	S3	SPCO
<i>Sagittaria rigida</i>	Sessile-Fruited Arrowhead	S1	END
<i>Oenothera perennis</i>	Small Sundrops	S1S2	END
<i>Heteranthera limosa</i>	Smaller Mud-Plantain	S2S3	SPCO
<i>Onosmodium molle ssp. molle</i>	Soft False Gromwell	S1	END
<i>Lycopodiella appressa</i>	Southern Bog Clubmoss	S1	END
<i>Malus angustifolia</i>	Southern Crabapple	S3	SPCO
<i>Zizaniopsis miliacea</i>	Southern Wildrice	S1S2	THR
<i>Potamogeton pulcher</i>	Spotted Pondweed	S1S2	THR
<i>Aureolaria patula</i>	Spreading False-Foxglove	S3	SPCO
<i>Oenothera linifolia</i>	Sundrops	S1S2	END
<i>Oenothera triloba</i>	Sundrops	S1S2	THR
<i>Berchemia scandens</i>	Supple-Jack	S1S2	END
<i>Sphenopholis pensylvanica</i>	Swamp Wedgescale	S1S2	SPCO
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	S1	END
<i>Polymnia laevigata</i>	Tennessee Leafcup	S1S2	END
<i>Trepocarpus aethusae</i>	Trepocarpus	S3	SPCO
<i>Lilium superbum</i>	Turk's Cap Lily	S1S2	THR
<i>Forestiera ligustrina</i>	Upland Swamp Privet	S2S3	THR
<i>Carya aquatica</i>	Water Hickory	S2S3	THR
<i>Didiplis diandra</i>	Water-Purslane	S2S3	SPCO
<i>Baptisia tinctoria</i>	Yellow Wild-Indigo	S1S2	THR
<b>Terrestrial Animal Species</b>			
<i>Hyla gratiosa</i>	Barking Treefrog	S3	SPCO
<i>Hyla avivoca</i>	Bird-Voiced Treefrog	S3	SPCO
<i>Hyla versicolor</i>	Gray Treefrog	S2S3	SPCO
<i>Hyla cinerea</i>	Green Treefrog	S3	SPCO
<i>Cryptobranchus alleganiensis</i>	Hellbender	S3	SPCO
<i>Rana areolata circulosa</i>	Northern Crawfish Frog	S3	SPCO
<i>Eurycea guttolineata</i>	Three-Lined Salamander	S2	THR
<i>Plethodon wehrlei</i>	Wehrle's Salamander	S1	END
<i>Fulica americana</i>	American Coot	S1	END

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Scientific Name	Common Name	State Rank	State Status
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S1	END
<i>Vermivora bachmanii</i>	Bachman's Warbler	SX	EXTRP
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S2	THR
<i>Riparia riparia</i>	Bank Swallow	S3	SPCO
<i>Dendroica fusca</i>	Blackburnian Warbler	S1S2	THR
<i>Nycticorax nycticorax</i>	Black-Crowned Night-Heron	S1S2	THR
<i>Vireo bellii</i>	Bell's Vireo	S2S3	SPCO
<i>Thryomanes bewickii</i>	Bewick's Wren	S3	SPCO
<i>Anas discors</i>	Blue-Winged Teal	S1S2	THR
<i>Certhia americana</i>	Brown Creeper	S1S2	END
<i>Bubulcus ibis</i>	Cattle Egret	S1S2	SPCO
<i>Corvus corax</i>	Common Raven	S1S2	END
<i>Tyto alba</i>	Barn Owl	S3	SPCO
<i>Gallinula chloropus</i>	Common Moorhen	S1S2	THR
<i>Corvus ossifragus</i>	Fish Crow	S3	SPCO
<i>Vermivora chrysoptera</i>	Golden-Winged Warbler	S2	THR
<i>Ardea alba</i>	Great Egret	S1	END
<i>Ammodramus savannarum</i>	Henslow's Sparrow	S3	SPCO
<i>Lophodytes cucullatus</i>	Hooded Merganser	S1S2	THR
<i>Sterna a. athalassos</i>	Interior Least Tern	S2	END
<i>Rallus elegans</i>	King Rail	S1	END
<i>Chondestes grammacus</i>	Lark Sparrow	S2S3	THR
<i>Ixobrychus exilis</i>	Least Bittern	S1S2	THR
<i>Empidonax minimus</i>	Least Flycatcher	S1	END
<i>Egretta caerulea</i>	Little Blue Heron	S1	END
<i>Asio otus</i>	Long-Eared Owl	S1	END
<i>Ictinia mississippiensis</i>	Mississippi Kite	S2	SPCO
<i>Circus cyaneus</i>	Northern Harrier	S1S2	THR
<i>Anas clypeata</i>	Northern Shoveler	S1	END
<i>Pandion haliaetus</i>	Osprey	S2	THR
<i>Falco peregrinus</i>	Peregrine Falcon	S1	END
<i>Podilymbus podiceps</i>	Pied-Billed Grebe	S1	END
<i>Charadrius melanotos</i>	Piping Plover	SU	END/THR
<i>Passerculus sandwichensis</i>	Savannah Sparrow	S2S3	SPCO
<i>Cistothorus platensis</i>	Sedge Wren	S3	SPCO
<i>Accipiter striatus</i>	Sharp-Shinned Hawk	S3	SPCO
<i>Asio flammeus</i>	Short-Eared Owl	S1	END
<i>Egretta thula</i>	Snowy Egret	S1	END
<i>Actitis macularia</i>	Spotted Sandpiper	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>Pooecetes gramineus</i>	Vesper Sparrow	S1	END
<i>Nyctanassa violacea</i>	Yellow-Crowned Night-Heron	S2	THR
<i>Ursus americanus</i>	Black Bear	S2	SPCO
<i>Sorex cinereus</i>	Common Shrew	S3	SPCO
<i>Peromyscus gossypinus</i>	Cotton Mouse	S2	THR
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S3	SPCO
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S2	THR
<i>Spilogale putorius</i>	Eastern Spotted Skunk	S2S3	SPCO
<i>Nycticeius humeralis</i>	Evening Bat	S3	SPCO
<i>Myotis grisescens</i>	Gray Bat	S2	END
<i>Myotis sodalis</i>	Indiana Bat	S1S2	END
<i>Mustela nivalis</i>	Least Weasel	S2S3	SPCO
<i>Sorex dispar</i>	Long-Tailed Shrew	S1	END
<i>Myotis austroriparius</i>	Southeastern Bat	S1S2	END
<i>Corynorhinus townsendii virginianus</i>	Virginia Big-Eared Bat	S1	END
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	S2	THR
<i>Nerodia fasciata confluens</i>	Broad-Banded Water Snake	S1	END
<i>Eumeces anthracinus</i>	Coal Skink	S2	THR
<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	S3	SPCO
<i>Elaphe guttata</i>	Corn Snake	S3	SPCO
<i>Thamnophis sauritus</i>	Eastern Ribbon Snake	S3	SPCO
<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	S2	THR
<i>Clonophis kirtlandii</i>	Kirkland's Snake	S2	THR
<i>Apalone mutica mutica</i>	Midland Smooth Softshell	S3	SPCO
<i>Nerodia cyclopion</i>	Mississippi Green Water Snake	S1	END
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	S2	THR
<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S3	SPCO
<i>Eumeces inexpectatus</i>	Southeastern Five-Lined Skink	S3	SPCO
<i>Chrysemys picta dorsalis</i>	Southern Painted Turtle	S2	THR
<i>Farancia abacura reinwardtii</i>	Western Mud Snake	S3	SPCO
<i>Sistrurus miliarius streckeri</i>	Western Pigmy Rattlesnake	S2	THR
<i>Thamnophis proximus</i>	Western Ribbon Snake	S1S2	THR
<i>Nicrophorus americanus</i>	American Burying Beetle	SH	HIST
<i>Pseudanophthalmus inexpectatus</i>	A Cave Beetle	S2	THR
<i>Pseudanophthalmus pubescens intrepidus</i>	A Cave Beetle	S2	THR
<i>Pseudanophthalmus transfluvialis</i>	A Cave Beetle	S1S2	SPCO
<i>Kleptochthonius cerberus</i>	A Cave Pseudoscorpion	S1S2	SPCO

Scientific Name	Common Name	State Rank	State Status
<i>Kleptochthonius erebus</i>	A Cave Pseudoscorpion	S1S2	THR
<i>Kleptochthonius hageni</i>	A Cave Pseudoscorpion	S1S2	SPCO
<i>Kleptochthonius hubrichti</i>	A Cave Pseudoscorpion	S1S2	THR
<i>Kleptochthonius microphthalmus</i>	A Cave Pseudoscorpion	S1S2	THR
<i>Tyrannochthonius hypogeus</i>	A Cave Pseudoscorpion	S1S2	SPCO
<i>Pseudosinella espanita</i>	A Cave Springtail	S1S2	SPCO
<i>Tomocerus missus</i>	A Cave Springtail	S1S2	THR
<i>Pseudanophthalmus audax</i>	Bold Cave Beetle	S1	THR
<i>Satyrium favonius ontario</i>	Northern Hairstreak	S2	SPCO

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Possibly extirpated; SU = Unrankable; SX = Presumed extirpated

**State status:** END = Endangered; EXTL = Extinct; EXTRP = Extirpated; HIST = Historic records only; SPCO = Species of concern; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species

**Table K-4. Mississippi State-Listed Species Located Within or In the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Hobbseus petilus</i>	Tombigbee Riverlet Crayfish	S2	TRKD
<i>Orconectes hartfieldi</i>	A Crayfish	SNR	TRKD
<i>Procambarus lagniappe</i>	Lagniappe Crayfish	S1	TRKD
<i>Procambarus lylei</i>	Shutispear Crayfish	S2	TRKD
<i>Anodontoides radiatus</i>	Rayed Creekshell	S2	TRKD
<i>Arcidens confragosus</i>	Rock Pocketbook	S2S3	TRKD
<i>Cyclonaias tuberculata</i>	Purple Wartyback	S1	END
<i>Ellipsaria lineolata</i>	Butterfly	S2S3	TRKD
<i>Elliptio arca</i>	Alabama Spike	S1S2	TRKD
<i>Epioblasma penita</i>	Southern Combshell	S1	END
<i>Lampsilis perovalis</i>	Orange-Nacre Mucket	S1	END
<i>Lampsilis straminea straminea</i>	Rough Fatmucket	S2	TRKD
<i>Lasmigona complanata</i>	White Heelsplitter	S2	TRKD
<i>Ligumia recta</i>	Black Sandshell	S1	TRKD
<i>Medionidus acutissimus</i>	Alabama Moccasinshell	S1	END
<i>Obovaria jacksoniana</i>	Southern Hickorynut	S1	TRKD
<i>Obovaria unicolor</i>	Alabama Hickorynut	S1S2	TRKD
<i>Pleurobema curtum</i>	Black Clubshell	SX	END
<i>Pleurobema decisum</i>	Southern Clubshell	S1	END
<i>Pleurobema marshalli</i>	Flat Pigtoe	SX	END

Scientific Name	Common Name	State Rank	State Status
<i>Pleurobema perovatum</i>	Ovate Clubshell	S1	END
<i>Pleurobema taitianum</i>	Heavy Pigtoe	SX	END
<i>Potamilus alatus</i>	Pink Heelsplitter	S2	TRKD
<i>Ptychobranchus fasciolaris</i>	Kidneyshell	S1	END
<i>Quadrula rumpfiana</i>	Ridged Mapleleaf	S2	TRKD
<i>Quadrula stapes</i>	Stirrupshell	SX	END
<i>Strophitus subvexus</i>	Southern Creekmussel	S2	TRKD
<i>Strophitus undulatus</i>	Squawfoot	S1	TRKD
<i>Uniomerus declivis</i>	Tapered Pondhorn	S2S3	TRKD
<i>Crystallaria asprella</i>	Crystal Darter	S1	END
<i>Percina lenticula</i>	Freckled Darter	S2	TRKD
<i>Noturus munitus</i>	Frecklebelly Madtom	S2	END
<i>Scaphirhynchus suttkusi</i>	Alabama Sturgeon	S1	END
<i>Cyprinella callistia</i>	Alabama Shiner	S2	TRKD
<i>Etheostoma flabellare</i>	Fantail Darter	S2	TRKD
<i>Lythrurus fasciolaris</i>	Rosefin Shiner	S2S3	TRKD
<i>Rhinichthys atratulus</i>	Blacknose Dace	S1	TRKD
<i>Cyprinella spiloptera</i>	Spotfin Shiner	S2	TRKD
<i>Cyprinella whipplei</i>	Steelcolor Shiner	S3	TRKD
<i>Ammocrypta meridiana</i>	Southern Sand Darter	S3	TRKD
<i>Percina kathae</i>	Mobile Logperch	S2S3	TRKD
<i>Etheostoma raneyi</i>	Yazoo Darter	S2	TRKD
<i>Etheostoma zonistium</i>	Bandfin Darter	S2	TRKD
<i>Etheostoma rupestre</i>	Rock Darter	S3	TRKD
<i>Etheostoma rufilineatum</i>	Redline Darter	S2	TRKD
<i>Etheostoma kennicotti</i>	Stripetail Darter	S2	TRKD
<i>Etheostoma asprigene</i>	Mud Darter	S3	TRKD
<i>Noturus stigmosus</i>	Northern Madtom	S1	END
<i>Moxostoma duquesnei</i>	Black Redhorse	S1	TRKD
<i>Moxostoma macrolepidotum</i>	Shorthead Redhorse	S1	TRKD
<i>Cyclopterus elongatus</i>	Blue Sucker	S3	TRKD
<i>Hypentelium etowanum</i>	Alabama Hog Sucker	S3	TRKD
<i>Phoxinus erythrogaster</i>	Southern Redbelly Dace	S2	END
<i>Phenacobius mirabilis</i>	Suckermouth Minnow	S1	END
<i>Notropis micropteryx</i>	Rosyface Shiner	S1	TRKD
<i>Notropis sabinae</i>	Sabine Shiner	S3	TRKD
<i>Notropis edwardraneyi</i>	Fluvial Shiner	S1	TRKD
<i>Notropis boops</i>	Bigeye Shiner	S1	END
<i>Notropis amnis</i>	Pallid Shiner	S3	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Morone saxatilis</i>	Striped Bass	S1	TRKD
<b>Plant Species</b>			
<i>Botrychium jenmanii</i>	Alabama Grapefern	S1S2	SLNS
<i>Neviusia alabamensis</i>	Alabama Snow-Wreath	S1	SLNS
<i>Pachysandra procumbens</i>	Allegheny-Spurge	S3	SLNS
<i>Staphylea trifolia</i>	American Bladdernut	S3	SLNS
<i>Frasera caroliniensis</i>	American Columbo	S2S3	SLNS
<i>Dracocephalum parviflorum</i>	American Dragonhead	S1S2	SLNS
<i>Panax quinquefolius</i>	American Ginseng	S3	SLNS
<i>Aralia racemosa</i>	American Spikenard	S1?	SLNS
<i>Solidago flaccidifolia</i>	Appalachian Golden-Rod	S1S2	SLNS
<i>Isoetes engelmannii</i>	Appalachian Quillwort	S1S2	SLNS
<i>Crataegus Ashei</i>	Ash's Hawthorn	S1	SLNS
<i>Solidago sphacelata</i>	Autumn Goldenrod	S1S2	SLNS
<i>Eleocharis erythropoda</i>	Bald Spikerush	NR	SLNS
<i>Sympyotrichum pratense</i>	Barrens Silky Aster	S1	SLNS
<i>Schisandra glabra</i>	Bay Starvine	S3?	SLNS
<i>Penstemon tenuiflorus</i>	Beard-Tongue	S2S3	SLNS
<i>Penstemon tenuis</i>	Beard-Tongue	S2S3	SLNS
<i>Carya laciniosa</i>	Big Shellbark Hickory	S2S3	SLNS
<i>Evak prolifera</i>	Big-Head Evax	S1	SLNS
<i>Cimicifuga racemosa</i>	Black Bugbane	S1S2	SLNS
<i>Isoetes melanopoda</i>	Blackfoot Quillwort	S2	SLNS
<i>Asplenium resiliens</i>	Black-Stem Spleenwort	S1	SLNS
<i>Lesquerella gracilis</i>	Bladderpod	S2	SLNS
<i>Fraxinus quadrangulata</i>	Blue Ash	S2	SLNS
<i>Cuphea viscosissima</i>	Blue Waxweed	S1?	SLNS
<i>Alisma subcordatum</i>	Broad-Leaved Water-Plantain	S1?	SLNS
<i>Carex scoparia var. scoparia</i>	Broom Sedge	SNR	SLNS
<i>Gutierrezia dracunculoides</i>	Broom-Snakeroot	NA	SLNS
<i>Melanthium virginicum</i>	Bunchflower	S2S3	SLNS
<i>Quercus macrocarpa</i>	Bur Oak	S2	SLNS
<i>Juglans cinerea</i>	Butternut	S2	SLNS
<i>Menispermum canadense</i>	Canada Moonseed	S3	SLNS
<i>Asarum canadense</i>	Canada Wild-Ginger	S2S3	SLNS
<i>Astragalus canadensis</i>	Canadian Milkvetch	S2	SLNS
<i>Matelea carolinensis</i>	Carolina Anglepod	S3	SLNS
<i>Trautvetteria caroliniensis</i>	Carolina Tassel-Rue	S1	SLNS
<i>Salix caroliniana</i>	Carolina Willow	S3	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Celastrus scandens</i>	Climbing Bittersweet	S2S3	SLNS
<i>Matelea obliqua</i>	Climbing Milkweed	S2?	SLNS
<i>Desmodium ochroleucum</i>	Creamflower Tick-Trefoil	S1	SLNS
<i>Hexalectris spicata</i>	Crested Coralroot	S2	SLNS
<i>Eulophia ecrixtata</i>	Crested Fringed Orchid	S1	SLNS
<i>Platanthera cristata</i>	Crested Fringed Orchid	S3	SLNS
<i>Goodyera pubescens</i>	Downy Rattlesnake-Plantain	S1	SLNS
<i>Viola pubescens</i> var. <i>eriocarpa</i>	Downy Yellow Violet	S1S2	SLNS
<i>Hedeoma drummondii</i>	Drummond Pennyroyal	S1	SLNS
<i>Dicentra cucullaria</i>	Dutchman's Breeches	S1	SLNS
<i>Delphinium tricorne</i>	Dwarf Larkspur	S2	SLNS
<i>Agalinis auriculata</i>	Earleaf Foxglove	S1	SLNS
<i>Stenanthium gramineum</i>	Eastern Featherbells	S1S2	SLNS
<i>Carex oligocarpa</i>	Eastern Few-Fruit Sedge	S1	SLNS
<i>Dirca palustris</i>	Eastern Leatherwood	S2	SLNS
<i>Echinacea purpurea</i>	Eastern Purple Coneflower	S3S4	SLNS
<i>Tradescantia ernestiana</i>	Ernest's Spider-Wort	S1	SLNS
<i>Hottonia inflata</i>	Featherfoil	S1S2	SLNS
<i>Carex communis</i>	Fibrous-Root Sedge	S1	SLNS
<i>Heuchera villosa</i> var. <i>macrorhiza</i>	Giant Alumroot	S1	SLNS
<i>Stellaria pubera</i>	Giant Chickweed	S2S3	SLNS
<i>Athyrium pycnocarpon</i>	Glade Fern	S2S3	SLNS
<i>Cacalia muehlenbergii</i>	Great Indian-Plantain	S1	SLNS
<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-Tresses	S2S3	SLNS
<i>Polemonium reptans</i>	Greek Valerian	S2S3	SLNS
<i>Hybanthus concolor</i>	Green Violet	S2	SLNS
<i>Cheilanthes lanosa</i>	Hairy Lipfern	S2	SLNS
<i>Tiarella cordifolia</i>	Heart-Leaved Foam-Flower	S2	SLNS
<i>Triosteum angustifolium</i>	Horse-Gentian	S3	SLNS
<i>Carex impressinervia</i>	Impressed-Nerved Sedge	S1	SLNS
<i>Gymnocladus dioicus</i>	Kentucky Coffee-Tree	S2	SLNS
<i>Cypripedium kentuckiense</i>	Lady-Slipper	S1	SLNS
<i>Neobreckia aquatica</i>	Lake-Cress	S1S2	SLNS
<i>Rhamnus lanceolata</i>	Lance-Leaved Buckthorn	S2	SLNS
<i>Cypripedium pubescens</i>	Large Yellow Lady's-Slipper	S2S3	SLNS
<i>Oenothera grandiflora</i>	Large-Flowered Evening-Primrose	S1	SLNS
<i>Hexastylis shuttleworthii</i>	Large-Flowered Heartleaf	S1	SLNS
<i>Hydrophyllum macrophyllum</i>	Large-Leaf Water-Leaf	S1	SLNS

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Scientific Name	Common Name	State Rank	State Status
<i>Clematis beadlei</i>	Leather-Flower	S1	SLNS
<i>Spiranthes ovalis</i>	Lesser Ladies'-Tresses	S2S3	SLNS
<i>Ophioglossum engelmannii</i>	Limestone Adder's-Tongue	S3	SLNS
<i>Heuchera parviflora</i>	Little Flowered Alumroot	S2?	SLNS
<i>Coreopsis auriculata</i>	Lobed Tickseed	S2S3	SLNS
<i>Ligusticum canadense</i>	Lovage	S1S2	SLNS
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	S1	SLNS
<i>Glyceria arkansana</i>	Manna-Grass	S2S4	SLNS
<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	S1	SLNS
<i>Lilium michiganense</i>	Michigan Lily	S1S2	SLNS
<i>Philadelphus hirsutus</i>	Mock-Orange	S1	SLNS
<i>Philadelphus inodorus</i>	Mock-Orange	S2	SLNS
<i>Mimulus ringens</i>	Monkey-Flower	S1S2	SLNS
<i>Stewartia ovata</i>	Mountain Camellia	S1	SLNS
<i>Ilex montana</i>	Mountain Holly	S3?	SLNS
<i>Pycnanthemum muticum</i>	Mountain-Mint	S2S3	SLNS
<i>Pycnanthemum pilosum</i>	Mountain-Mint	S1	SLNS
<i>Muhlenbergia glabriflora</i>	Muhly	NR	SLNS
<i>Muhlenbergia sylvatica</i>	Muhly	SU	SLNS
<i>Muhlenbergia tenuiflora</i>	Muhly	S1S2	SLNS
<i>Nestronia umbellula</i>	Nestronia	S1S2	SLNS
<i>Salvia urticifolia</i>	Nettle-Leaf Sage	S2S3	SLNS
<i>Trillium flexipes</i>	Nodding Trillium	S1	SLNS
<i>Quercus oglethorpeensis</i>	Oglethorpe's Oak	S2	SLNS
<i>Aesculus glabra</i>	Ohio Buckeye	S2?	SLNS
<i>Silene ovata</i>	Ovate Catchfly	S1S2	SLNS
<i>Perideridia americana</i>	Perideridia	S1S2	SLNS
<i>Phacelia bipinnatifida</i>	Phacelia	S1	SLNS
<i>Chelone lyonii</i>	Pink Turtlehead	S1	SLNS
<i>Asplenium pinnatifidum</i>	Pinnatifid Spleenwort	S1	SLNS
<i>Manisuris cylindrica</i>	Pitted Jointgrass	S1	SLNS
<i>Callirhoe triangulata</i>	Poppy-Mallow	S1S2	SLNS
<i>Polytaenia nuttallii</i>	Prairie Parsley	S2	SLNS
<i>Nemastylis geminiflora</i>	Prairie Pleatleaf	S2	SLNS
<i>Fraxinus profunda</i>	Pumpkin Ash	S3	SLNS
<i>Pellaea atropurpurea</i>	Purple Cliff-Brake	S1S2	SLNS
<i>Platanthera peramoena</i>	Purple Fringeless Orchid	S2S3	SLNS
<i>Aplectrum hyemale</i>	Puttyroot	S1	SLNS
<i>Platanthera lacera</i>	Ragged Fringe Orchid	S1S2	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Hieracium venosum</i>	Rattlesnake Hawkweed	S1	SLNS
<i>Iris fulva</i>	Red Iris	S3	SLNS
<i>Carex virescens</i>	Ribbed Sedge	S1	SLNS
<i>Agalinis oligophylla</i>	Ridge-Stem False-Foxglove	S2	SLNS
<i>Sedum pulchellum</i>	Rock Stonecrop	S1	SLNS
<i>Rudbeckia grandiflora</i>	Rough Coneflower	S1	SLNS
<i>Prenanthes aspera</i>	Rough Rattlesnake-Root	S2	SLNS
<i>Sabatia campestris</i>	Sabatia	S2S3	SLNS
<i>Castilleja coccinea</i>	Scarlet Indian-Paintbrush	S1	SLNS
<i>Carex jamesii</i>	Sedge	S1S2	SLNS
<i>Carex picta</i>	Sedge	S2S3	SLNS
<i>Carex prasina</i>	Sedge	S1	SLNS
<i>Carex stricta</i>	Sedge	S2	SLNS
<i>Ulmus serotina</i>	September Elm	S3?	SLNS
<i>Dodecatheon meadia</i>	Shooting Star	S2	SLNS
<i>Orchis spectabilis</i>	Showy Orchid	S1	SLNS
<i>Arabis canadensis</i>	Sicklepod	S2S3	SLNS
<i>Athyrium thelypteroides</i>	Silvery Glade Fern	S1S2	SLNS
<i>Antennaria solitaria</i>	Single-Head Pussytoes	S3?	SLNS
<i>Carex gracilescens</i>	Slender Sedge	S3	SLNS
<i>Dentaria heterophylla</i>	Slender Toothwort	S2S3	SLNS
<i>Palafoxia callosa</i>	Small Palafoxia	S1	SLNS
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-Slipper	S1	SLNS
<i>Carex microdonta</i>	Small-Toothed Sedge	S3	SLNS
<i>Rhododendron arborescens</i>	Smooth Azalea	S1	SLNS
<i>Osmorhiza longistylis</i>	Smoother Sweet-Cicely	S3	SLNS
<i>Adiantum capillus-veneris</i>	Southern Maidenhair Fern	S2	SLNS
<i>Thalictrum debile</i>	Southern Meadow-Rue	S1S2	SLNS
<i>Chimaphila maculata</i>	Spotted Wintergreen	S2	SLNS
<i>Gentiana quinquefolia</i>	Stiff Gentian	NR	SLNS
<i>Thelesperma filifolium</i>	Stiff-Greenthread	S1	SLNS
<i>Sedum ternatum</i>	Stonecrop	S2	SLNS
<i>Oenothera triloba</i>	Sundrops	SU	SLNS
<i>Carya leiodermis</i>	Swamp Hickory	S2S3	SLNS
<i>Triphora trianthophora</i>	Three-Birds-Orchids	S2S3	SLNS
<i>Lilium superbum</i>	Turk's Cap Lily	S3	SLNS
<i>Dentaria diphylla</i>	Two-Leaf Toothwort	S1S2	SLNS
<i>Cyperus albomarginatus</i>	Umbrella Sedge	S1?	SLNS
<i>Forestiera ligustrina</i>	Upland Swamp Privet	S2	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Mertensia virginica</i>	Virginia Bluebells	S1S2	SLNS
<i>Pinus virginiana</i>	Virginia Pine	S2	SLNS
<i>Euonymus atropurpureus</i>	Wahoo	S2S3	SLNS
<i>Asplenium rhizophyllum</i>	Walking Fern	S1S2	SLNS
<i>Hydrophyllum appendiculatum</i>	Waterleaf	S1	SLNS
<i>Decodon verticillatus</i>	Water-Willow	S2S3	SLNS
<i>Carex seorsa</i>	Weak Stellate Sedge	S1S2	SLNS
<i>Symphyotrichum ericoides</i>	White Heath Aster	S2	SLNS
<i>Erythronium albidum</i>	White Trout-Lily	S2	SLNS
<i>Chelone glabra</i>	White Turtlehead	S3	SLNS
<i>Aquilegia canadensis</i>	Wild Columbine	S1S2	SLNS
<i>Camassia scilloides</i>	Wild Hyacinth	S2S3	SLNS
<i>Anemone quinquefolia</i>	Wood Anemone	S1S2	SLNS
<i>Luzula acuminata</i>	Woodrush	S3	SLNS
<i>Taenidia integerrima</i>	Yellow Pimpernel	S1	SLNS
<i>Erythronium americanum</i>	Yellow Trout-Lily	S1S2	SLNS
<i>Cladrastis kentukea</i>	Yellowwood	S2	SLNS
<b>Terrestrial Animal Species</b>			
<i>Eurycea lucifuga</i>	Cave Salamander	S1	END
<i>Rana areolata</i>	Crawfish Frog	S3	TRKD
<i>Hemidactylum scutatum</i>	Four-Toed Salamander	S1S2	TRKD
<i>Aneides aeneus</i>	Green Salamander	S1	END
<i>Cryptobranchus alleganiensis</i>	Hellbender	S1	TRKD
<i>Pseudacris brachyphona</i>	Mountain Chorus Frog	S3	TRKD
<i>Pseudotriton montanus</i>	Mud Salamander	S2S3	TRKD
<i>Pseudotriton ruber</i>	Red Salamander	S3	TRKD
<i>Plethodon ventralis</i>	Southern Zigzag Salamander	S2	TRKD
<i>Gyrinophilus porphyriticus</i>	Spring Salamander	S1	END
<i>Ambystoma tigrinum</i>	Tiger Salamander	SH	TRKD
<i>Plethodon websteri</i>	Webster's Salamander	S3	TRKD
<i>Falco sparverius</i>	American Kestrel	S3	TRKD
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S3	TRKD
<i>Vermivora bachmanii</i>	Bachman's Warbler	SX	END
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S2	END
<i>Thryomanes bewickii bewickii</i>	Bewick's Wren	S2	END
<i>Nycticorax nycticorax</i>	Black-Crowned Night-Heron	S3	TRKD
<i>Dendroica cerulea</i>	Cerulean Warbler	S2	TRKD
<i>Tyto alba</i>	Barn Owl	S3	TRKD
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S3	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Sterna antillarum athalassos</i>	Interior Least Tern	S2	END
<i>Ixobrychus exilis</i>	Least Bittern	S3	TRKD
<i>Pandion haliaetus</i>	Osprey	S3	TRKD
<i>Charadrius melanotos</i>	Piping Plover	S2	END
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	S1	END
<i>Elanoides forficatus</i>	Swallow-Tailed Kite	S2	TRKD
<i>Nyctanassa violacea</i>	Yellow-Crowned Night-Heron	S3	TRKD
<i>Mycteria americana</i>	Wood Stork	S2	END
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S3	TRKD
<i>Spilogale putorius</i>	Eastern Spotted Skunk	S2?	TRKD
<i>Myotis grisescens</i>	Gray Bat	S1	END
<i>Lasiurus cinereus</i>	Hoary Bat	S3	TRKD
<i>Myotis sodalis</i>	Indiana Bat	S1	END
<i>Myotis lucifugus</i>	Little Brown Bat	S3	TRKD
<i>Ursus americanus luteolus</i>	Louisiana Black Bear	S1	END
<i>Zapus hudsonius</i>	Meadow Jumping Mouse	S1	TRKD
<i>Myotis septentrionalis</i>	Northern Long-Eared Bat	S2?	TRKD
<i>Peromyscus polionotus</i>	Oldfield Mouse	S2S3	TRKD
<i>Myotis austroriparius</i>	Southeastern Bat	S1S2	TRKD
<i>Graptemys pulcra</i>	Alabama Map Turtle	S2S3	TRKD
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	S3	TRKD
<i>Graptemys nigrinoda</i>	Black-Knobbed Map Turtle	S2	END
<i>Lampropeltis getula nigra</i>	Black Kingsnake	S3	TRKD
<i>Lampropeltis calligaster rhombomaculata</i>	Mole Kingsnake	S2	TRKD
<i>Regina septemvittata</i>	Queen Snake	S2S3	TRKD
<i>Farancia erytrogramma</i>	Rainbow Snake	S2	END
<i>Lampropelti triangulum syspila</i>	Red Milk Snake	S3	TRKD
<i>Graptemys oculifera</i>	Ringed Map Turtle	S2	END
<i>Ophisaurus attenuatus</i>	Slender Glass Lizard	S2S3	TRKD
<i>Eumeces anthracinus pluvialis</i>	Southern Coal Skink	S2S3	TRKD
<i>Graptemys flavimaculata</i>	Yellow-Blotched Map Turtle	S2	END
<i>Lytrosis permagnaria</i>	A Geometrid Moth	SH	TRKD
<i>Gymnochthebius maureenae</i>	Maureen's Gymnochthebius Minute Moss Beetle	S1S3	TRKD
<i>Gryllotalpa major</i>	Prairie Mole Cricket	SH	TRKD
<i>Dryobius sexnotatus</i>	Six-Banded Longhorn Beetle	S?	TRKD

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; NA = Not Applicable; NR = Not yet ranked; SH = Possibly extirpated; SNR = State not ranked; species is considered sensitive by the state but has not yet been assigned a state rank; SU = Unrankable; SX = Presumed extirpated

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**State status:** END = Endangered; SLNS = State-listed, no status; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species

**Table K-5. North Carolina State-Listed Species Located Within or In the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Skistodiaptomus carolinensis</i>	Yancey Sideswimmer	S1?	SPCO
<i>Stygobromus carolinensis</i>	Carolina Seep Scud	S1	SPCO
<i>Stygobromus</i> sp. 4	Plott Balsam Sideswimmer	S1?	WATC
<i>Cambarus georgiae</i>	Little Tennessee Crayfish	S1S2	SPCO
<i>Cambarus hiwasseeensis</i>	Hiwassee Crayfish	S3?	SPCO
<i>Cambarus parrishi</i>	Parrish Crayfish	S1?	SPCO
<i>Cambarus reburrus</i>	French Broad Crayfish	S3	SPCO
<i>Dactylocythere prinsi</i>	Whitewater Crayfish Ostracod	S1	SPCO
<i>Macromia margarita</i>	Margaret's River Cruiser	S2S3	RARE
<i>Alasmidonta raveneliana</i>	Appalachian Elktoe	S1	END
<i>Alasmidonta varicosa</i>	Brook Floater	S1	END
<i>Alasmidonta viridis</i>	Slippershell Mussel	S1	END
<i>Elliptio dilatata</i>	Spike	S1	SPCO
<i>Fusconaia barnesiana</i>	Tennessee Pigtoe	S1	END
<i>Fusconaia subrotunda</i>	Long-Solid	S1	TRKD
<i>Lampsilis fasciola</i>	Wavy-Rayed Lampmussel	S1	SPCO
<i>Lasmigona holstonia</i>	Tennessee Heelsplitter	S1	END
<i>Lasmigona subviridis</i>	Green Floater	S1	END
<i>Pegias fabula</i>	Little-Wing Pearlymussel	S1	END
<i>Pleurobema oviforme</i>	Tennessee Clubshell	S1?	END
<i>Villosa iris</i>	Rainbow	S1	SPCO
<i>Villosa trabalis</i>	Cumberland Bean	S1	TRKD
<i>Villosa vanuxemensis</i>	Mountain Creekshell	S1	THR
<i>Elimia interrupta</i>	Knotty Elimia	S1	END
<i>Etheostoma acuticeps</i>	Sharthead Darter	S1	THR
<i>Percina burtoni</i>	Blotchside Logperch	S1	END
<i>Percina sciera</i>	Dusky Darter	SH	END
<i>Polyodon spathula</i>	Paddlefish	SH	END
<i>Erimonax monachus</i>	Spotfin Chub	S1	THR
<i>Etheostoma vulneratum</i>	Wounded Darter	S2	SPCO
<i>Acipenser fulvescens</i>	Lake Sturgeon	SX	SPCO
<i>Percina caprodes</i>	Logperch	S2	THR
<i>Percina squamata</i>	Olive Darter	S2	SPCO
<i>Noturus eleutherus</i>	Mountain Madtom	SH	SPCO
<i>Hiodon tergisus</i>	Mooneye	SH	SPCO
<i>Aplodinotus grunniens</i>	Freshwater Drum	S1	SPCO
<i>Etheostoma simoterum</i>	Snubnose Darter	SH	SPCO

Scientific Name	Common Name	State Rank	State Status
<i>Etheostoma inscriptum</i>	Turquoise Darter	S1	SPCO
<i>Etheostoma jessiae</i>	Blueside Darter	SH	SPCO
<i>Noturus flavus</i>	Stonecat	S1	END
<i>Moxostoma sp. 2</i>	Sicklefin Redhorse	S?	TRKD
<i>Luxilus chryscephalus</i>	Striped Shiner	S2	THR
<i>Carpio carpio</i>	River Carpsucker	SH	SPCO
<i>Erimystax insignis</i>	Blotched Chub	S3	RARE
<i>Phenacobius teretulus</i>	Kanawha Minnow	S2	SPCO
<i>Notropis lutipinnis</i>	Yellowfin Shiner	S3	SPCO
<i>Notropis rubescens</i>	Rosyface Chub	S1	THR
<i>Clinostomus funduloides</i> ssp. 1	Smoky Dace	S2	SPCO
<i>Cottus carolinæ</i>	Banded Sculpin	S1	THR
<i>Lampetra appendix</i>	American Brook Lamprey	S1	THR
<i>Ichthyomyzon bdellium</i>	Ohio Lamprey	S1	TRKD
<b>Plant Species</b>			
<i>Cheilanthes alabamensis</i>	Alabama Lipfern	S1	SR-P
<i>Berberis canadensis</i>	American Barberry	S2	SR-T
<i>Coeloglossum viride</i> var. <i>virescens</i>	American Frog Orchid	S1	SR-P
<i>Trichomanes boschianum</i>	Appalachian Bristle Fern	S1	THR
<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss	S2	SR-P
<i>Agrostis mertensii</i>	Arctic Bentgrass	S1	END
<i>Carex barrattii</i>	Barratt's Sedge	SH	END
<i>Geum geniculatum</i>	Bent Avens	S2	THR
<i>Calystegia catesbeiana</i> ssp. <i>sericata</i>	BR Bindweed	S3	SR-T
<i>Botrychium oneidense</i>	Blunt-Lobe Grapefern	S2	SR-P
<i>Arethusa bulbosa</i>	Bog-Rose	S1	END
<i>Coreopsis latifolia</i>	Broad-Leaved Tickseed	S3	SR-T
<i>Carex buxbaumii</i>	Buxbaum's Sedge	S1	SR-P
<i>Zigadenus leimanthoides</i>	Death-Camas	S1	SR-O
<i>Eurybia mirabilis</i>	Dwarf Aster	S2	SR-T
<i>Trichomanes petersii</i>	Dwarf Filmy-Fern	S2	THR
<i>Grammitis nimbata</i>	Dwarf Polypody	S1	END
<i>Carex oligosperma</i>	Few-Seeded Sedge	S1	END
<i>Cystopteris fragilis</i>	Fragile Fern	S1	SR-P
<i>Abies fraseri</i>	Fraser Fir	S2	SR-L
<i>Lysimachia fraseri</i>	Fraser Loosestrife	S2	END
<i>Hexastylis rhombiformis</i>	French Broad Heartleaf	S2	THR
<i>Gentianopsis crinita</i>	Fringed Gentian	S1	E-SC

Scientific Name	Common Name	State Rank	State Status
<i>Euphorbia purpurea</i>	Glade Spurge	S2	SR-T
<i>Hydrastis canadensis</i>	Goldenseal	S2	E-SC
<i>Lilium grayi</i>	Gray's Lily	S3	T-SC
<i>Alnus viridis ssp. crispa</i>	Green Alder	S1	SR-D
<i>Synandra hispidula</i>	Guyandotte Beauty	SH	SR-T
<i>Arabis hirsuta var. adpressipilis</i>	Hairy Rockcress	S1	SR-P
<i>Betula papyrifera var. cordifolia</i>	Heart-Leaved Paper Birch	S1	SR-D
<i>Conioselinum chinense</i>	Hemlock Parsley	S1	END
<i>Juncus trifidus</i>	Highland Rush	S1	END
<i>Vaccinium macrocarpon</i>	Large Cranberry	S2	SR-P
<i>Botrychium simplex var. simplex</i>	Little Grape-Fern	S2	SR-P
<i>Helianthemum propinquum</i>	Low Frostweed	S1	SR-P
<i>Helianthus occidentalis</i>	McDowell Sunflower	SX	SR-P
<i>Cardamine clematitis</i>	Mountain Bitter Cress	S2	SR-T
<i>Diervilla sessilifolia var. rivularis</i>	Mountain Bush-Honeysuckle	SH	SR-T
<i>Minuartia groenlandica</i>	Mountain Sandwort	S2	SR-D
<i>Muhlenbergia glomerata</i>	Muhly	S1	SR-P
<i>Phegopteris connectilis</i>	Northern Beechfern	S2	SR-P
<i>Sporobolus heterolepis</i>	Northern Dropseed	S1	END
<i>Silene ovata</i>	Ovate Catchfly	S3	SR-T
<i>Helianthemum bicknellii</i>	Plains Frostweed	S1	SR-P
<i>Filipendula rubra</i>	Queen-of-the-Prairie	S1	END
<i>Carex radfordii</i>	Radford's Sedge	S1	END
<i>Calamagrostis cainii</i>	Reedgrass	S1	END
<i>Dalibarda repens</i>	Robin Runaway	S2	END
<i>Sedum rosea</i>	Roseroot Stonecrop	S1	END
<i>Geum laciniatum var. trichocarpum</i>	Rough Avens	S1	SR-P
<i>Amelanchier sanguinea</i>	Roundleaf Serviceberry	S2	SR-D
<i>Cardamine rotundifolia</i>	Roundleaf Water-Cress	S1	SR-P
<i>Rugelia nudicaulis</i>	Rugel's Ragwort	S3	THR
<i>Buckleya distichophylla</i>	Sapsuck	S2	END
<i>Saxifraga caroliniana</i>	Saxifrage	S3	SR-T
<i>Packera schweinitziana</i>	Schweinitz's Ragwort	S2	END
<i>Carex aenea</i>	Sedge	S1	END
<i>Carex hitchcockiana</i>	Sedge	S1	SR-P
<i>Carex leptonervia</i>	Sedge	S2	SR-P
<i>Carex misera</i>	Sedge	S3	SR-L
<i>Carex pedunculata</i>	Sedge	S2	SR-P
<i>Carex projecta</i>	Sedge	S1	SR-P

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Scientific Name	Common Name	State Rank	State Status
<i>Carex purpurifera</i>	Sedge	S1	SR-P
<i>Carex roanensis</i>	Sedge	S2	SR-T
<i>Carex schweinitzii</i>	Sedge	S1	END
<i>Helenium brevifolium</i>	Shortleaf Sneezeweed	S2	END
<i>Corydalis micrantha</i> ssp. <i>micrantha</i>	Slender Corydalis	S1	SR-P
<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	Slender Wheatgrass	S1	SR-P
<i>Glyceria nubigena</i>	Smoky Mountain Manna-Grass	S2	THR
<i>Hexastylis contracta</i>	Southern Heartleaf	S1	END
<i>Shortia galacifolia</i> var. <i>galacifolia</i>	Southern Shortia	S2	E-SC
<i>Arabis patens</i>	Spreading Rockcress	S1	SR-T
<i>Stachys clingmanii</i>	Stachys	SH	SR-T
<i>Allium cuthbertii</i>	Striped Garlic	S2	SR-T
<i>Hasteola suaveolens</i>	Sweet-Scented Indian-Plantain	SH	SR-T
<i>Delphinium exaltatum</i>	Tall Larkspur	S2	E-SC
<i>Arabis glabra</i>	Tower-Mustard	SH	SR-P
<i>Trichophorum cespitosum</i>	Tufted Clubrush	S2S3	SR-D
<i>Deschampsia cespitosa</i> ssp. <i>glauca</i>	Tufted Hairgrass	S1	SR-P
<i>Geum aleppicum</i>	Yellow Avens	S1	SR-P
<b>Terrestrial Animal Species</b>			
<i>Plethodon amplius</i>	Blue Ridge Gray-Checked Salamander	S1S2	RARE
<i>Plethodon chattahoochee</i>	Chattahoochee Slimy Salamander	S2	RARE
<i>Plethodon cheoah</i>	Cheoah Bald Salamander	S2	RARE
<i>Plethodon yonahlossee</i> pop. 1	Crevice Salamander	S1	SPCO
<i>Desmognathus folkertsi</i>	Dwarf Black-Bellied Salamander	S1	TRKD
<i>Hemidactylum scutatum</i>	Four-Toed Salamander	S3	SPCO
<i>Hyla versicolor</i>	Gray Treefrog	S1	RARE
<i>Aneides aeneus</i>	Green Salamander	S2	END
<i>Cryptobranchus alleganiensis</i>	Hellbender	S3	SPCO
<i>Desmognathus imitator</i>	Imitator Salamander	S3	TRKD
<i>Plethodon jordani</i>	Jordan's Salamander	S3	TRKD
<i>Eurycea junaluska</i>	Junaluska Salamander	S2	THR
<i>Erycea longicauda</i>	Longtail Salamander	S1S2	SPCO
<i>Ambystoma talpoideum</i>	Mole Salamander	S2	SPCO
<i>Pseudacris brachyphona</i>	Mountain Chorus Frog	S1	SPCO
<i>Necturus maculosus</i>	Mudpuppy	S1	SPCO
<i>Desmognathus wrighti</i>	Pigmy Salamander	S3	RARE

Scientific Name	Common Name	State Rank	State Status
<i>Plethodon richmondi</i>	Ravine Salamander	S3	TRKD
<i>Plethodon shermani</i>	Red-Legged Salamander	S2	RARE
<i>Desmognathus santeetlah</i>	Santeetlah Dusky Salamander	S2S3	RARE
<i>Desmognathus aeneus</i>	Seepage Salamander	S3	RARE
<i>Plethodon ventralis</i>	Southern Zigzag Salamander	S1	SPCO
<i>Plethodon meridianus</i>	South Mountain Gray-Cheeked Salamander	S1S2	RARE
<i>Plethodon aureolus</i>	Tellico Salamander	S2	RARE
<i>Ambystoma tigrinum</i>	Tiger Salamanader	S2	THR
<i>Desmognathus imitator</i> pop.1	Waterrock Knob Salamander	S1	RARE
<i>Plethodon wehrlei</i>	Wehrle's Salamander	S1	THR
<i>Plethodon welleri</i>	Weller's Salamander	S2	SPCO
<i>Empidonax alnorum</i>	Alder Flycatcher	S2	RARE
<i>Thryomanes bewickii altus</i>	Appalachian Bewick's Wren	SH	END
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S3	SPCO
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3	THR
<i>Riparia riperia</i>	Bank Swallow	SU	RARE
<i>Coccyzus erythrophthalmus</i>	Black-Billed Cuckoo	S2	RARE
<i>Poecile atricapilla</i>	Black-Capped Chickadee	S3	SPCO
<i>Vermivora pinus</i>	Blue Winged Warbler	S2	RARE
<i>Certhia americana</i>	Brown Creeper	S3	SPCO
<i>Dendroica cerulea</i>	Cerulean Warbler	S2	RARE
<i>Tyto alba</i>	Common Barn Owl	S3	TRKD
<i>Corvus corax</i>	Common Raven	S3	TRKD
<i>Vermivora chrysoptera</i>	Golden-Winged Warbler	S3	RARE
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S3	TRKD
<i>Catharus guttatus</i>	Hermit Thrush	S2	RARE
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S3	SPCO
<i>Dendroica magnolia</i>	Magnolia Warbler	S1S2	RARE
<i>Aegolius acadicus</i>	Northern Saw-Whet Owl	S2	THR
<i>Falco peregrinus</i>	Peregrine Falcon	S1	END
<i>Contopus cooperi</i>	Olive-Sided Flycatcher	SU	SPCO
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	S2	END
<i>Loxia curvirostra</i>	Red Crossbill	S3	SPCO
<i>Passerculus sandwichensis</i>	Savannah Sparrow	S2	RARE
<i>Accipiter striatus</i>	Sharp-Shinned Hawk	S2	RARE
<i>Pooecetes gramineus</i>	Vesper Sparrow	S2	RARE
<i>Vireo gilvus</i>	Warbling Vireo	S2	RARE
<i>Sphyrapicus varius</i>	Yellow-Bellied Sapsucker	S3	SPCO
<i>Neotoma magister</i>	Allegheny Woodrat	S2	SPCO

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Scientific Name	Common Name	State Rank	State Status
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	S3	RARE
<i>Glaucomys sabrinus coloratus</i>	Carolina Northern Flying Squirrel	S2	END
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S2	THR
<i>Puma concolor couguar</i>	Eastern Cougar	SH	END
<i>Sciurus niger</i>	Eastern Fox Squirrel	S1?	RARE
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S3	SPCO
<i>Spilogale putorius</i>	Eastern Spotted Skunk	S3	TRKD
<i>Myotis grisescens</i>	Gray Bat	S1?	END
<i>Lasiurus cinereus</i>	Hoary Bat	S2?	RARE
<i>Myotis sodalis</i>	Indiana Bat	S1?	END
<i>Mustela nivalis</i>	Least Weasel	S2	RARE
<i>Zapus hudsonius</i>	Meadow Jumping Mouse	S3	TRKD
<i>Myotis septentrionalis</i>	Northern Long-Eared Bat	S3	SPCO
<i>Sorex hoyi</i>	Pygmy Shrew	S3	TRKD
<i>Lasionycteris noctivagans</i>	Silver-Haired Bat	S2?	RARE
<i>Neotoma floridana haematocheia</i>	Southern Appalachian Woodrat	S3	SPCO
<i>Synaptomys cooperi</i>	Southern Bog Lemming	S3	TRKD
<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole	S3	SPCO
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	S2	SPCO
<i>Corynorhinus townsendii virginianus</i>	Virginia Big-Eared Bat	S1	END
<i>Glyptemys muhlenbergii</i>	Bog Turtle	S2	THR
<i>Eumeces anthracinus</i>	Coal Skink	S2S3	RARE
<i>Lampropeltis triangulum triangulum</i>	Eastern Milk Snake	S2S3	TRKD
<i>Apalone spinifera spinifera</i>	Eastern Spiny Softshell	S1	SPCO
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	S3	SPCO
<i>Sistrurus miliaris</i>	Pigmy Rattlesnake	S3	SPCO
<i>Lampropeltis t. elapsoides</i>	Scarlet Kingsnake	S3	TRKD
<i>Ophisaurus attenuatus</i>	Slender Glass Lizard	S3	TRKD
<i>Sternotherus minor</i>	Stripeneck Musk Turtle	S1	SPCO
<i>Crotalus horridus</i>	Timber Rattlesnake	S3	SPCO
<i>Trechus balsamensis</i>	A Carabid Beetle	SU	TRKD
<i>Trechus mitchellensis</i>	A Carabid Beetle	SU	TRKD
<i>Trechus novaculosus</i>	A Carabid Beetle	SU	TRKD
<i>Trechus roanicus</i>	A Carabid Beetle	SU	TRKD
<i>Trechus rosenbergi</i>	A Carabid Beetle	SU	TRKD
<i>Trechus satanicus</i>	A Carabid Beetle	SU	TRKD
<i>Trechus subtilis</i>	A Carabid Beetle	SU	TRKD
<i>Hypochilus coylei</i>	A Cave Spider	S3?	RARE

Scientific Name	Common Name	State Rank	State Status
<i>Nesticus brimleyi</i>	A Cave Spider	S1?	RARE
<i>Nesticus crosbyi</i>	A Cave Spider	S1?	RARE
<i>Nesticus gertschi</i>	A Cave Spider	S1?	RARE
<i>Nesticus mimus</i>	A Cave Spider	S2?	RARE
<i>Nesticus nasicus</i>	A Cave Spider	S3?	RARE
<i>Nesticus reclusus</i>	A Cave Spider	S3?	RARE
<i>Nesticus sheari</i>	A Cave Spider	S2?	RARE
<i>Nesticus silvanus</i>	A Cave Spider	S2?	RARE
<i>Nesticus Sp. 1</i>	A Cave Spider	S2?	RARE
<i>Nesticus Sp. 2</i>	A Cave Spider	S1S3	RARE
<i>Hepialus sciophanes</i>	A Ghost Moth	S1S3	RARE
<i>Hypochilus sheari</i>	A Lampshade Spider	S2S3	RARE
<i>Lithophane georgii</i>	A Noctuid Moth	S1?	RARE
<i>Speyeria aphrodite cullasaja</i>	Apphrodite Fritillary	S1?	RARE
<i>Cicindela ancocisconensis</i>	A Tiger Beetle	S1	RARE
<i>Euphydryas phaeton</i>	Baltimore	S2	RARE
<i>Itame subcessaria</i>	Barred Itame	S1S3	RARE
<i>Vaejovis carolinianus</i>	Carolina Scorpion	S2?	TRKD
<i>Celastrina ebenina</i>	Dusky Azure	S2?	RARE
<i>Erora laeta</i>	Early Hairstreak	S2S3	RARE
<i>Satyrium edwardsii</i>	Edwards' Hairstreak	S2?	RARE
<i>Semiothisa fraserata</i>	Fraser Fir Geometrid Moth	S1S2	RARE
<i>Callophrys irus</i>	Frosted Elfin	S2	RARE
<i>Autochton cellus</i>	Golden-Banded Skipper	S2	RARE
<i>Chlosyne gorgone</i>	Gorgone Cherkerspot	S1	RARE
<i>Polygonia progne</i>	Gray Comma	S1	RARE
<i>Polygonia faunus</i>	Green Comma	S2	RARE
<i>Satyrium caryaevorum</i>	Hickory Hairstreak	S1?	RARE
<i>Hesperia sassacus</i>	Indian Skipper	S3	TRKD
<i>Nesticus carolinensis</i>	Linville Caverns Spider	S1	RARE
<i>Nesticus cooperi</i>	Lost Nantahala Cave Spider	S1	RARE
<i>Eulonchus marialiciae</i>	Mary Alice's Small-Headed Fly	S1S3	RARE
<i>Erynnis martialis</i>	Mottled Dusky Wing	S3	RARE
<i>Euchloe olympia</i>	Olympia Marble	S1	RARE
<i>Speyeria idalia</i>	Regal Fritillary Butterfly	SH	HIST
<i>Trimerotropis saxatilis</i>	Rock-Loving Grasshopper	S1S2	RARE
<i>Polygonia faunus smythi</i>	Smyth's Green Coma	S2	RARE
<i>Pyrgus wyandot</i>	Southern Grizzled Skipper	S1	RARE
<i>Microhexura montivaga</i>	Spurce-Fir Moss Spider	S1	RARE

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Scientific Name	Common Name	State Rank	State Status
<i>Sympetrum obtrusum</i>	White-Faced Meadowfly	S1?	RARE

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Possibly extirpated; SU = Unrankable; SX = Presumed extirpated

**State status:** END = Endangered; E-SC = Endangered-special concern; HIST = Historic records only; RARE = Rare; SPCO = Species of concern; SR-D = Significantly rare-disjunct; SR-L = Significantly rare-limited; SR-O = Significantly rare-other; SR-P = Significantly rare-peripheral; SR-T = Significantly rare-throughout; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species; T-SC = Threatened-special concern; WATC = On the state watch list for potential formal listing

**Table K-6. Tennessee State-Listed Species Located Within or In the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Cambarus bouchardi</i>	Big South Fork Crayfish	SNR	END
<i>Cambarus brachydactylus</i>	A Crayfish	S2	TRKD
<i>Cambarus extraneus</i>	Chickamauga Crayfish	S1,S2	THR
<i>Cambarus obeyensis</i>	Obey Crayfish	S2	THR
<i>Cambarus pristinus</i>	A Crayfish	S2	END
<i>Cambarus sp. 1</i>	Emory River Crayfish	S1?	TRKD
<i>Cambarus williami</i>	'Brawley's Fork Crayfish'	SNR	END
<i>Fallicambarus hortoni</i>	Hatchie Burrowing Crayfish	SNR	END
<i>Orconectes alabamensis</i>	A Crayfish	SNR	NMGT
<i>Orconectes incomptus</i>	Tennessee Cave Crayfish	SNR	END
<i>Orconectes shoupi</i>	Nashville Crayfish	S1	END
<i>Orconectes wrighti</i>	A Crayfish	S2	END
<i>Gomphus consanguis</i>	Cherokee Clubtail	S1	TRKD
<i>Gomphus sandrius</i>	Tennessee Clubtail Dragonfly	S1	TRKD
<i>Ophiogomphus acuminatus</i>	Acuminate Snaketail	S2	TRKD
<i>Ophiogomphus edmundo</i>	Edmund's Snaketail	S1	TRKD
<i>Ophiogomphus incurvatus alleghaniensis</i>	Allegheny Snaketail	S1	TRKD
<i>Macromia margarita</i>	Margaret's River Cruiser	S2S3	TRKD
<i>Hadenoecus opilionoides</i>	A Cave Cricket	S2?	TRKD
<i>Glyptopsyche sequatchie</i>	Owen Spring Limnephilid Caddisfly	SNR	POTL
<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	S1S2	END
<i>Alasmidonta raveneliana</i>	Appalachian Elktoe	S1	END
<i>Cumberlandia monodonta</i>	Spectaclecase	S2S3	TRKD
<i>Cyprogenia stegaria</i>	Fanshell	S1	END
<i>Dromus dromas</i>	Dromedary Pearlmussel	S1	END
<i>Epioblasma biemarginata</i>	Angled Riffleshell	SX	EXTI
<i>Epioblasma brevidens</i>	Cumberland Combshell	S1	END
<i>Epioblasma capsaeformis</i>	Oyster Mussel	S1	END
<i>Epioblasma florentina florentina</i>	Yellow-Blossom Pearlmussel	SX	EXTI
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	S1	END
<i>Epioblasma lewisi</i>	Forkshell	SX	EXTI
<i>Epioblasma metastriata</i>	Upland Combshell	SH	END
<i>Epioblasma obliquata obliquata</i>	Purple Catspaw	S1	END
<i>Epioblasma torulosa gubernaculum</i>	Green Blossom Pearlmussel	SX	EXTI
<i>Epioblasma torulosa torulosa</i>	Tubercled Blossom Pearlmussel	SX	EXTI

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Scientific Name	Common Name	State Rank	State Status
<i>Epioblasma triquetra</i>	Snuffbox	S3	TRKD
<i>Epioblasma turgidula</i>	Turgid Blossom Pearlymussel	SX	EXTI
<i>Fusconaia cor</i>	Shiny Pigtoe Pearlymussel	S1	END
<i>Fusconaia cuneolus</i>	Fine-Rayed Pigtoe	S1	END
<i>Hemistena lata</i>	Cracking Pearlymussel	S1	END
<i>Lampsilis abrupta</i>	Pink Mucket	S2	END
<i>Lampsilis altilis</i>	Fine-Lined Pocketbook	S1S2	THR
<i>Lampsilis siliquoidea</i>	Fatmucket	S2	NOST
<i>Lampsilis virescens</i>	Alabama Lampmussel	S1	END
<i>Lasmigona holstonia</i>	Tennessee Heelsplitter	S2	TRKD
<i>Lemiox rimosus</i>	Birdwing Pearlymussel	S1	END
<i>Lexingtonia dolabelloides</i>	Slabside Pearlymussel	S2	TRKD
<i>Medionidus acutissimus</i>	Alabama Moccasinshell	S1	THR
<i>Medionidus parvulus</i>	Coosa Moccasinshell	S1	END
<i>Obovaria jacksoniana</i>	Southern Hickorynut	S1	TRKD
<i>Obovaria retusa</i>	Ring Pink	S1	END
<i>Obovaria subrotunda</i>	Round Hickorynut	S3	TRKD
<i>Pegias fabula</i>	Little-Wing Pearlymussel	S1	END
<i>Plethobasus cicatricosus</i>	White Wartyback	S1	END
<i>Plethobasus cooperianus</i>	Orange-Foot Pimpleback	S1	END
<i>Plethobasus cyphyus</i>	Sheepnose	S2S3	TRKD
<i>Pleurobema chattanoogaense</i>	Painted Clubshell	S1?	TRKD
<i>Pleurobema clava</i>	Clubshell	SH	END
<i>Pleurobema georgianum</i>	Southern Pigtoe	S1	END
<i>Pleurobema gibberum</i>	Cumberland Pigtoe	S1	END
<i>Pleurobema hanleyianum</i>	Georgia Pigtoe	S1	TRKD
<i>Pleurobema oviforme</i>	Tennessee Clubshell	S2S3	TRKD
<i>Pleurobema perovatum</i>	Ovate Clubshell	SH	END
<i>Pleurobema plenum</i>	Rough Pigtoe	S1	END
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	S2S3	TRKD
<i>Ptychobranchus greenii</i>	Triangular Kidneyshell	S1	END
<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	S2S3	TRKD
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	S3	TRKD
<i>Quadrula cylindrica strigillata</i>	Rough Rabbitsfoot	S2	END
<i>Quadrula intermedia</i>	Cumberland Monkeyface	S1	END
<i>Quadrula sparsa</i>	Appalachian Monkeyface	S1	END
<i>Simpsonaias ambigua</i>	Salamander Mussel	S1	TRKD
<i>Strophitus connasaugaensis</i>	Alabama Creekmussel	S1	TRKD
<i>Toxolasma cylindrellus</i>	Pale Lilliput	S1	END
<i>Toxolasma lividus</i>	Purple Lilliput	S1S2	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Villosa fabalis</i>	Rayed Bean	S1	TRKD
<i>Villosa perpurea</i>	Purple Bean	S1	END
<i>Villosa trabalis</i>	Cumberland Bean	S1	END
<i>Villosa vibex</i>	Southern Rainbow	S2	TRKD
<i>Athearnia anthonyi</i>	Anthony's River Snail	S1	END
<i>Elimia interrupta</i>	Knotty Elimia	S1	TRKD
<i>Io fluvialis</i>	Spiny Riversnail	S2	TRKD
<i>Leptoxis subglobosa umbilicata</i>	Umbilicate River Snail	S1	TRKD
<i>Leptoxis virgata</i>	Smooth Mudalia	S1	TRKD
<i>Lithasia armigera</i>	Armored Rocksnail	S1S2	TRKD
<i>Lithasia duttoniana</i>	Helmet Rock Snail	S2	TRKD
<i>Lithasia geniculata</i>	Ornate Rocksnail	S3	TRKD
<i>Lithasia jayana</i>	Rugose Rocksnail	S2	TRKD
<i>Lithasia lima</i>	Warty Rocksnail	S2	TRKD
<i>Lithasia salebrosa</i>	Muddy Rocksnail	S2	TRKD
<i>Pleurocera alveare</i>	Rugged Hornsnail	S2	TRKD
<i>Pleurocera corpulenta</i>	Corpulent Hornsnail	S1	TRKD
<i>Pleurocera curta</i>	Shortspire Hornsnail	S2	TRKD
<i>Pyrgulopsis ogmorhaphe</i>	Royal Marstonia	S1	END
<i>Somatogyrus sp. 2</i>	A Freshwater Snail	S1	TRKD
<i>Acipenser fulvescens</i>	Lake Sturgeon	S1	END
<i>Ammocrypta beani</i>	Naked Sand Darter	S2	NMGT
<i>Ammocrypta clara</i>	Western Sand Darter	S1	THR
<i>Ammocrypta vivax</i>	Scaly Sand Darter	S2	NMGT
<i>Atractosteus spatula</i>	Alligator Gar	S1	NMGT
<i>Carpoides velifer</i>	Highfin Carpsucker	S2S3	NMGT
<i>Clinostomus funduloides ssp. 1</i>	Smoky Dace	S1S2	NMGT
<i>Crystallaria asprella</i>	Crystal Darter	SX	NMGT
<i>Cycleptus elongatus</i>	Blue Sucker	S2	THR
<i>Cyprinella caerulea</i>	Blue Shiner	S1	END
<i>Erimonax monachus</i>	Spotfin Chub	S2	THR
<i>Erimystax cahni</i>	Slender Chub	S1	THR
<i>Etheostoma akatulo</i>	Bluemask Darter	S1	END
<i>Etheostoma aquali</i>	Coppercheek Darter	S2S3	THR
<i>Etheostoma baileyi</i>	Emerald Darter	S2	NMGT
<i>Etheostoma barbouri</i>	Teardrop Darter	S2	NMGT
<i>Etheostoma barrenense</i>	Splendid Darter	S3	NMGT
<i>Etheostoma bellum</i>	Orangefin Darter	S3	NMGT
<i>Etheostoma boschungi</i>	Slackwater Darter	S1	THR
<i>Etheostoma brevirostrum</i>	Holiday Darter	S1	THR

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Scientific Name	Common Name	State Rank	State Status
<i>Etheostoma cinereum</i>	Ashy Darter	S2S3	THR
<i>Etheostoma corona</i>	Crown Darter	S1S2	END
<i>Etheostoma denoncourtii</i>	Golden Darter	S2	NMGT
<i>Etheostoma ditrema</i>	Coldwater Darter	S1	THR
<i>Etheostoma etnieri</i>	Cherry Darter	S3	TRKD
<i>Etheostoma forbesi</i>	Barrens Darter	S1	END
<i>Etheostoma gutselli</i>	Tuckasegee Darter	S1	END
<i>Etheostoma lemniscatum</i>	Tuxedo Darter	S1	END
<i>Etheostoma luteovinctum</i>	Redband Darter	S4	NMGT
<i>Etheostoma marmorinnum</i>	Marbled Darter	S1	END
<i>Etheostoma microlepidum</i>	Smallscale Darter	S2	NMGT
<i>Etheostoma neopterum</i>	Lollipop Darter	S1S2	TRKD
<i>Etheostoma olivaceum</i>	Sooty Darter	S3	NMGT
<i>Etheostoma pseudovulatum</i>	Egg-Mimic Darter	S1	END
<i>Etheostoma pyrrhogaster</i>	Firebelly Darter	S2	NMGT
<i>Etheostoma sagitta</i>	Arrow Darter	S2	NMGT
<i>Etheostoma sitikuense</i>	Citico Darter	S1	END
<i>Etheostoma striatulum</i>	Striated Darter	S1	THR
<i>Etheostoma susanae</i>	Cumberland Darter	S1	END
<i>Etheostoma tippecanoe</i>	Tippecanoe Darter	S1S2	NMGT
<i>Etheostoma trisella</i>	Trispot Darter	S1	THR
<i>Etheostoma tuscumbia</i>	Tuscumbia Darter	SX	NMGT
<i>Etheostoma wapiti</i>	Boulder Darter	S1	END
<i>Fundulus chrysotus</i>	Golden Topminnow	S1S2	NMGT
<i>Fundulus julisia</i>	Barrens Topminnow	S1	END
<i>Hemitremia flammea</i>	Flame Chub	S3	NMGT
<i>Hybognathus placitus</i>	Plains Minnow	S1	NMGT
<i>Ichthyomyzon gagei</i>	Southern Brook Lamprey	S1	NMGT
<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	S2	NMGT
<i>Macrhybopsis gelida</i>	Sturgeon Chub	S1	NMGT
<i>Macrhybopsis meeki</i>	Sicklefin Chub	S2	NMGT
<i>Macrhybopsis</i> sp. 1	Cf. M. Aestivalis	S1	TRKD
<i>Moxostoma lacerum</i>	Harelip Sucker	SX	NMGT
<i>Notropis albizonatus</i>	Palezone Shiner	SH	END
<i>Notropis buccatus</i>	Silverjaw Minnow	S2	THR
<i>Notropis dorsalis</i>	Bigmouth Shiner	S1	NMGT
<i>Notropis lineapunctata</i>	Lined Chub	S3	NMGT
<i>Notropis rubellus</i>	Rosyface Shiner	S2	TRKD
<i>Notropis rupestris</i>	Bedrock Shiner	S2	NMGT
<i>Noturus baileyi</i>	Smoky Madtom	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>Noturus crypticus</i>	Chucky Madtom	S1	END
<i>Noturus fasciatus</i>	Saddled Madtom	S2	THR
<i>Noturus flavipinnis</i>	Yellowfin Madtom	S1	END
<i>Noturus munitus</i>	Frecklebelly Madtom	S1	THR
<i>Noturus stanauli</i>	Pygmy Madtom	S1	END
<i>Noturus stigmosus</i>	Northern Madtom	S3	NMGT
<i>Percina antesella</i>	Amber Darter	S1	END
<i>Percina aurantiaca</i>	Tangerine Darter	S3	NMGT
<i>Percina burtoni</i>	Blotchside Logperch	S2	NMGT
<i>Percina jenkinsi</i>	Conasauga Logperch	S1	END
<i>Percina kathae</i>	Mobile Logperch	S3	TRKD
<i>Percina kusha</i>	Bridled Darter	S1	TRKD
<i>Percina macrocephala</i>	Longhead Darter	S2	THR
<i>Percina phoxocephala</i>	Slenderhead Darter	S3	NMGT
<i>Percina squamata</i>	Olive Darter	S2	NMGT
<i>Percina stictogaster</i>	Frecklebelly Darter	S1	NMGT
<i>Percina tanasi</i>	Snail Darter	S2S3	THR
<i>Phoxinus cumberlandensis</i>	Blackside Dace	S2	THR
<i>Phoxinus saylori</i>	Laurel Dace	S1	END
<i>Phoxinus tennesseensis</i>	Tennessee Dace	S3	NMGT
<i>Polyodon spathula</i>	Paddlefish	S3	TRKD
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	S1	END
<i>Thoburnia atripinnis</i>	Blackfin Sucker	S1	NMGT
<i>Typhlichthys subterraneus</i>	Southern Cavefish	S3	NMGT
<b>Plant Species</b>			
<i>Amsonia tabernaemontana</i> var. <i>gattingeri</i>	A Blue-Star	S3	SPCO
<i>Sporobolus junceus</i>	A Dropseed	S1	SPCO
<i>Solidago stricta</i> var. <i>gracillima</i>	A Goldenrod	S1	SPCO
<i>Arenaria lanuginosa</i>	A Sandwort	S1	END
<i>Botrychium jenmanii</i>	Alabama Grapefern	S1	THR
<i>Neviusia alabamensis</i>	Alabama Snow-Wreath	S2	THR
<i>Rhamnus alnifolia</i>	Alderleaf Buckthorn	S1	END
<i>Berberis canadensis</i>	American Barberry	S2	SPCO
<i>Castanea dentata</i>	American Chestnut	S2S3	SPCO
<i>Lonicera canadensis</i>	American Fly-Honeysuckle	S1	THR
<i>Coeloglossum viride</i> var. <i>virescens</i>	American Frog Orchid	S1	END
<i>Panax quinquefolius</i>	American Ginseng	S3S4	S-CE
<i>Pilularia americana</i>	American Pillwort	S1S2	SPCO
<i>Cotinus obovatus</i>	American Smoke-Tree	S2	SPCO

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Scientific Name	Common Name	State Rank	State Status
<i>Veronica americana</i>	American Speedwell	S1	SPCO
<i>Hydrocotyle americana</i>	American Water-Pennywort	S1	END
<i>Pyrola americana</i>	American Wintergreen	S2	END
<i>Trichomanes boschianum</i>	Appalachian Bristle Fern	S1S2	THR
<i>Cimicifuga rubifolia</i>	Appalachian Bugbane	S3	THR
<i>Woodsia scopulina</i> var. <i>appalachiana</i>	Appalachian Cliff-Fern	S1S2	SPCO
<i>Huperzia appalachiana</i>	Appalachian Fir-Clubmoss	S1	THR
<i>Gentiana austromontana</i>	Appalachian Gentian	S3	SPCO
<i>Agrostis mertensii</i>	Arctic Bentgrass	S1	SH
<i>Viburnum bracteatum</i>	Arrow-Wood	S1	END
<i>Thermopsis fraxinifolia</i>	Ash-Leaved Bush-Pea	S3	THR
<i>Prenanthes barbata</i>	Barbed Rattlesnake-Root	S2	SPCO
<i>Carex barrattii</i>	Barratt's Sedge	S2	END
<i>Sympyotrichum pratense</i>	Barrens Silky Aster	S1	END
<i>Schisandra glabra</i>	Bay Starvine	S2	THR
<i>Diarrhena obovata</i>	Beak Grass	S1	SPCO
<i>Rhynchospora perplexa</i>	Beakrush	S2	THR
<i>Rhynchospora rariflora</i>	Beakrush	S1	END
<i>Rhynchospora wrightiana</i>	Beakrush	SH	E-P
<i>Bulbostylis ciliatifolia</i> var. <i>coarctata</i>	Beak-rush	SH	E-P
<i>Brachyelytrum erectum</i> var. <i>septentrionale</i>	Bearded Short-Husk	S2	SPCO
<i>Gymnopogon brevifolius</i>	Beardgrass	S1S2	SPCO
<i>Geum geniculatum</i>	Bent Avens	S1	END
<i>Cardamine flagellifera</i>	Bitter Cress	S2	THR
<i>Isoetes melanopoda</i>	Blackfoot Quillwort	S1S2	END
<i>Caulophyllum giganteum</i>	Blue Cohosh	S1	THR
<i>Hypericum mitchellianum</i>	BR St. John's-Wort	S2	THR
<i>Salvia azurea</i> var. <i>grandiflora</i>	Blue Sage	S3	SPCO
<i>Phacelia ranunculacea</i>	Blue Scorpion-Weed	S2S3	SPCO
<i>Collinsia verna</i>	Blue-Eyed Mary	S1	END
<i>Botrychium oneidense</i>	Blunt-Lobe Grapefern	S1	SPCO
<i>Thelypteris simulata</i>	Bog Fern	SH	E-P
<i>Danthonia epilis</i>	Bog Oat-Grass	S1S2	SPCO
<i>Lachnocaulon anceps</i>	Bog-Buttons	SH	E-P
<i>Polygala boykinii</i>	Boykin's Milkwort	S2	THR
<i>Aristida ramosissima</i>	Branched Three-Awn Grass	SH	E-P
<i>Sparganium androcladum</i>	Branching Burreed	S1	END
<i>Draba ramosissima</i>	Branching Whitlow-Wort	S2	SPCO

Scientific Name	Common Name	State Rank	State Status
<i>Marshallia trinervia</i>	Broadleaf Barbara's-Buttons	S2S3	THR
<i>Melanthium latifolium</i>	Broadleaf Bunchflower	S1S2	END
<i>Solidago lancifolia</i>	Broad-Leaf Golden-Rod	S1	END
<i>Coreopsis latifolia</i>	Broad-Leaved Tickseed	S1S2	END
<i>Carex bromoides</i> ssp. <i>montana</i>	Brome-Like Sedge	S1	THR
<i>Trifolium reflexum</i>	Buffalo Clover	S1	END
<i>Ribes odoratum</i>	Buffalo Currant	SH	THR
<i>Ophioglossum crotalophoroides</i>	Bulbous Adder's-Tongue	SH	SPCO
<i>Melanthium virginicum</i>	Bunchflower	S1	END
<i>Juglans cinerea</i>	Butternut	S3	THR
<i>Eryngium integrifolium</i>	Button Snakeroot	S1	THR
<i>Carex buxbaumii</i>	Buxbaum's Sedge	S1	THR
<i>Sanguisorba canadensis</i>	Canada Burnet	S1	END
<i>Helianthemum canadense</i>	Canada Frostweed	SH	E-P
<i>Lilium canadense</i>	Canada Lily	S3	THR
<i>Taxus canadensis</i>	Canadian Yew	S1	END
<i>Lobelia canbyi</i>	Canby's Lobelia	S2S3	THR
<i>Paxistima canbyi</i>	Canby's Mountain-Lover	S1	END
<i>Anemone caroliniana</i>	Carolina Anemone	S1S2	END
<i>Tsuga caroliniana</i>	Carolina Hemlock	S3	THR
<i>Ulmus crassifolia</i>	Cedar Elm	S2	SPCO
<i>Acer leucoderme</i>	Chalk Maple	S3	SPCO
<i>Tridens flavus</i> var. <i>chapmanii</i>	Chapman's Redtop	SH	SPCO
<i>Carex chapmanii</i>	Chapman's Sedge	S1	THR
<i>Prunus virginiana</i>	Chokecherry	S1	SPCO
<i>Streptopus amplexifolius</i>	Clasping Twisted-Stalk	S1	THR
<i>Phlox bifida</i> ssp. <i>stellaria</i>	Cleft Phlox	S3	THR
<i>Adlumia fungosa</i>	Climbing Fumitory	S2	THR
<i>Clintonia borealis</i>	Clinton Lily	S2S3	SPCO
<i>Festuca paradoxa</i>	Cluster Fescue	S1	SPCO
<i>Clethra alnifolia</i>	Coast Pepper-Bush	S1	END
<i>Triantha racemosa</i>	Coastal False-Asphodel	S1	END
<i>Xyris ambigua</i>	Coastal-Plain Yellow-Eyed-Grass	S1	END
<i>Silphium laciniatum</i>	Compass-Plant	S2	THR
<i>Heracleum maximum</i>	Cow Parsnip	S2	SPCO
<i>Desmodium ochroleucum</i>	Creamflower Tick-Trefoil	S1	END
<i>Potamogeton epihydrus</i>	Creekgrass	S1S2	SPCO
<i>Acemella oppositifolia</i>	Creeping Spot-Flower	S2	SPCO
<i>Hypericum adpressum</i>	Creeping St. John's-Wort	S1	END
<i>Dryopteris cristata</i>	Crested Woodfern	S2	THR

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<i>Silphium brachiatum</i>	Cumberland Rosinweed	S2	END
<i>Thaspium pinnatifidum</i>	Cutleaf Meadow-Parsnip	S1	END
<i>Carex davisii</i>	Davis' Sedge	S1	SPCO
<i>Acalypha deamii</i>	Deam's Copperleaf	S1	SPCO
<i>Zigadenus leimanthoides</i>	Death-Camas	S2	THR
<i>Trillium decumbens</i>	Decumbent Trillium	S1	END
<i>Carex sterilis</i>	Dioecious Sedge	SH	E-P
<i>Gentiana puberulenta</i>	Downy Gentian	S1	END
<i>Poa saltuensis</i>	Drooping Bluegrass	S1	THR
<i>Lesquerella densipila</i>	Duck River Bladderpod	S3	THR
<i>Trichomanes petersii</i>	Dwarf Filmy-Fern	S2	THR
<i>Gaylussacia dumosa</i>	Dwarf Huckleberry	S3	THR
<i>Polygala nana</i>	Dwarf Milkwort	S1	END
<i>Goodyera repens</i>	Dwarf Rattlesnake-Plantain	S1	SPCO
<i>Drosera brevifolia</i>	Dwarf Sundew	S2	THR
<i>Solidago auriculata</i>	Eared Goldenrod	S1	THR
<i>Agalinis auriculata</i>	Earleaf Foxglove	S2	END
<i>Xerophyllum asphodeloides</i>	Eastern Turkeybeard	S3	THR
<i>Dichanthelium acuminatum ssp. spretum</i>	Eaton's Witchgrass	S1	END
<i>Vaccinium elliottii</i>	Elliott's Blueberry	S1	END
<i>Evolvulus nuttallianus</i>	Evolvulus	S3	SPCO
<i>Rhynchospora caduca</i>	Falling Beaked-Rush	S1	SPCO
<i>Krigia montana</i>	False Dandelion	S1	THR
<i>Onosmodium molle ssp. subsetosum</i>	False Gromwell	S1	END
<i>Talinum mengesii</i>	Fame-Flower	S2	THR
<i>Hottonia inflata</i>	Featherfoil	S2	SPCO
<i>Arnoglossum plantagineum</i>	Fen Indian-Plantain	S2	THR
<i>Menziesia pilosa</i>	Fetterbush	S2	SPCO
<i>Leucothoe racemosa</i>	Fetter-bush	S2	THR
<i>Epilobium angustifolium</i>	Fireweed	S1	THR
<i>Eleocharis compressa</i>	Flat-Stemmed Spike-Rush	S1	SPCO
<i>Gratiola floridana</i>	Florida Hedge-Hyssop	S1	END
<i>Lysimachia quadriflora</i>	Four-Flowered Loosestrife	S1	SPCO
<i>Poa palustris</i>	Fowl Bluegrass	S1	END
<i>Lycopodiella alopecuroides</i>	Foxtail Clubmoss	S2	THR
<i>Carex alopecoidea</i>	Foxtail Sedge	SH	E-P
<i>Galium uniflorum</i>	Fragrant Bedstraw	S1	SPCO
<i>Abies fraseri</i>	Fraser Fir	S1S2	THR

Scientific Name	Common Name	State Rank	State Status
<i>Lysimachia fraseri</i>	Fraser Loosestrife	S2	END
<i>Triadenum fraseri</i>	Fraser's Marsh St. Johns-Wort	S1?	SPCO
<i>Cymophyllum fraserianus</i>	Fraser's Sedge	S3	SPCO
<i>Polygonum cilinode</i>	Fringed Black Bindweed	S1S2	THR
<i>Xyris fimbriata</i>	Fringed Yellow-Eyed-Grass	S1	END
<i>Solidago gattingeri</i>	Gattinger's Goldenrod	S1	END
<i>Agastache scrophulariifolia</i>	Giant Hyssop	S1S2	THR
<i>Sacciolepis striata</i>	Gibbous Panic-Grass	S1	SPCO
<i>Leavenworthia exigua var. exigua</i>	Glade Cress	S3	SPCO
<i>Allium stellatum</i>	Glade Onion	S1	END
<i>Ludwigia sphaerocarpa</i>	Globe-Fruited Ludwigia	S1	THR
<i>Minuartia godfreyi</i>	Godfrey's Stitchwort	S1	END
<i>Hydrastis canadensis</i>	Goldenseal	S3	S-CE
<i>Hymenophyllum tayloriae</i>	Gorge Filmy Fern	S2	SPCO
<i>Ribes curvatum</i>	Granite Gooseberry	S1	THR
<i>Sagittaria graminea</i>	Grassleaf Arrowhead	S1	THR
<i>Lilium grayi</i>	Gray's Lily	S1	END
<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-Tresses	S1	SPCO
<i>Alnus viridis ssp. crispa</i>	Green Alder	S1	SPCO
<i>Chrysogonum virginianum</i>	Green-and-Gold	S2	THR
<i>Onosmodium hispidissimum</i>	Hairy False Gromwell	S1	END
<i>Fimbristylis puberula</i>	Hairy Fimbristylis	S1S2	THR
<i>Hieracium longipilum</i>	Hairy Hawkweed	S1	SPCO
<i>Carex oxylepis var. pubescens</i>	Hairy Sharp-Scaled Sedge	S1	SPCO
<i>Fuirena squarrosa</i>	Hairy Umbrella-Sedge	S1	SPCO
<i>Polygonum arifolium</i>	Halberd-Leaf Tearthumb	S1	THR
<i>Crataegus harbisonii</i>	Harbison Hawthorn	S1	END
<i>Fimbristylis perpusilla</i>	Harper's Fimbristylis	S1	END
<i>Eriogonum longifolium var. harperi</i>	Harper's Umbrella-Plant	S1	END
<i>Carex argyrantha</i>	Hay Sedge	S1	THR
<i>Betula papyrifera var. cordifolia</i>	Heart-Leaved Paper Birch	S1	END
<i>Plantago cordata</i>	Heartleaved Plantain	S1	END
<i>Carex gravida</i>	Heavy-Fruited Sedge	S1	SPCO
<i>Pseudognaphalium helleri</i>	Heller's Catfoot	S2	SPCO
<i>Geranium robertianum</i>	Herb-Robert	S1	SPCO
<i>Rhynchospora capillacea</i>	Horned Beakrush	SH	E-P
<i>Utricularia cornuta</i>	Horned Bladderwort	S1	END
<i>Symplocos tinctoria</i>	Horsesugar	S2	SPCO
<i>Eleocharis equisetoides</i>	Horse-Tail Spikerush	S1	END
<i>Hydrolea ovata</i>	Hydrolea	S1	SPCO

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<i>Silphium wasiotense</i>	Kentucky Rosin-Weed	S2	END
<i>Athyrium filix-femina</i> ssp. <i>angustum</i>	Lady Fern	S2	SPCO
<i>Cypripedium kentuckiense</i>	Lady-Slipper	S2	END
<i>Neobeckia aquatica</i>	Lake-Cress	S2	SPCO
<i>Iris brevicaulis</i>	Lamance Iris	S1	END
<i>Kalmia angustifolia</i> var. <i>carolina</i>	Lambkill	SX	E-P
<i>Trillium lancifolium</i>	Lance-Leaf Trillium	S1	END
<i>Eleocharis lanceolata</i>	Lance-Like Spikerush	S1	SPCO
<i>Vaccinium macrocarpon</i>	Large Cranberry	S2	THR
<i>Platanthera grandiflora</i>	Large Purple Fringed Orchid	S2	END
<i>Platanthera orbiculata</i>	Large Roundleaf Orchid	S3	THR
<i>Marshallia grandiflora</i>	Large-Flowered Barbara's-Buttons	S2	END
<i>Potamogeton amplifolius</i>	Large-Leaf Pondweed	S1	THR
<i>Parnassia grandifolia</i>	Large-Leaved Grass-of-Parnassus	S3	SPCO
<i>Coreopsis delphinifolia</i>	Larkspur-Leaved Coreopsis	S1	END
<i>Solidago tarda</i>	Late Goldenrod	SH	SPCO
<i>Trillium pusillum</i>	Least Trillium	S2	END
<i>Clematis glaucophylla</i>	Leather-Flower	S1	END
<i>Thalictrum coriaceum</i>	Leatherleaf Meadowrue	S1	THR
<i>Lechea pulchella</i>	Leggett's Pinweed	S1	END
<i>Trifolium calcaricum</i>	Leo's Trifolium	S1	END
<i>Talinum calcaricum</i>	Limestone Fame-Flower	S3	SPCO
<i>Carex echinata</i> ssp. <i>echinata</i>	Little Prickly Sedge	S1?	SPCO
<i>Liparis loeselii</i>	Loesel's Twayblade	S1	THR
<i>Stellaria longifolia</i>	Longleaf Stitchwort	S1	END
<i>Rhynchospora chalarocephala</i>	Loose-Head Beakrush	S1	THR
<i>Orobanche ludoviciana</i>	Louisiana Broomrape	SH	SPCO
<i>Helianthemum propinquum</i>	Low Frostweed	S1S2	END
<i>Scleria verticillata</i>	Low Nutrush	S2	SPCO
<i>Ageratina luciae-brauniae</i>	Lucy Braun's White Snakeroot	S3	THR
<i>Panicum hemitomon</i>	Maidencane	S2	SPCO
<i>Carex manhartii</i>	Manhart Sedge	S2	END
<i>Glyceria acutiflora</i>	Manna-Grass	S2	SPCO
<i>Heuchera longiflora</i> var. <i>aceroides</i>	Maple-Leaf Alumroot	S2	SPCO
<i>Galium palustre</i>	Marsh Bedstraw	S1	SPCO
<i>Campanula aparinoides</i>	Marsh Bellflower	S2	SPCO
<i>Lathyrus palustris</i>	Marsh Pea	S1	SPCO
<i>Caltha palustris</i>	Marsh-Marigold	S1	END

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<i>Veronica scutellata</i>	Marsh-Speedwell	S1	END
<i>Polygala mariana</i>	Maryland Milkwort	S1	SPCO
<i>Botrychium matricariifolium</i>	Matricary Grapefern	S1	SPCO
<i>Helianthus occidentalis</i>	Mcdowell Sunflower	S2	SPCO
<i>Meehania cordata</i>	Meehania Mint (Heart-Leaf Meehania)	S2	THR
<i>Lilium michiganense</i>	Michigan Lily	S3	THR
<i>Oenothera macrocarpa</i> ssp. <i>macrocarpa</i>	Missouri Evening-Primrose	S2	THR
<i>Ribes missouriense</i>	Missouri Gooseberry	S2	SPCO
<i>Phlox subulata</i>	Moss Phlox	S1	THR
<i>Cardamine clematitis</i>	Mountain Bitter Cress	S2	THR
<i>Diervilla sessilifolia</i> var. <i>rivularis</i>	Mountain Bush-Honeysuckle	S2	THR
<i>Pieris floribunda</i>	Mountain Fetter-Bush	S2	THR
<i>Lonicera dioica</i>	Mountain Honeysuckle	S2	SPCO
<i>Hypericum graveolens</i>	Mountain St. John's-Wort	S3	END
<i>Pycnanthemum verticillatum</i>	Mountain-Mint	SH	E-P
<i>Muhlenbergia glabriflora</i>	Muhly	S1	SPCO
<i>Iris prismatica</i>	Narrow Blue Flag	S2S3	THR
<i>Lespedeza angustifolia</i>	Narrowleaf Bushclover	S2	THR
<i>Gentiana linearis</i>	Narrowleaf Gentian	S1	THR
<i>Spiraea alba</i>	Narrow-Leaved Meadow-Sweet	S1	END
<i>Allium burdickii</i>	Narrow-Leaved Wild Leek	S1S2	T-CE
<i>Dichanthelium aciculare</i>	Needleleaf Witchgrass	S1	END
<i>Nestronia umbellula</i>	Nestronia	S1	END
<i>Sedum nevii</i>	Nevius' Stonecrop	S1	END
<i>Prenanthes crepidinea</i>	Nodding Rattlesnake-Root	S2	END
<i>Utricularia resupinata</i>	Northeastern Bladderwort	S1	SPCO
<i>Phegopteris connectilis</i>	Northern Beechfern	S1	SPCO
<i>Diervilla lonicera</i>	Northern Bush-Honeysuckle	S2	THR
<i>Sporobolus heterolepis</i>	Northern Dropseed	S1	SPCO
<i>Oenothera parviflora</i>	Northern Evening-Primrose	S1	SPCO
<i>Glyceria canadensis</i> var. <i>laxa</i>	Northern Manna-Grass	S1	SPCO
<i>Zanthoxylum americanum</i>	Northern Prickly-Ash	S2	SPCO
<i>Trientalis borealis</i>	Northern Starflower	S1	THR
<i>Thuja occidentalis</i>	Northern White Cedar	S3	SPCO
<i>Marshallia obovata</i>	Obovate Marshallia	S1	THR
<i>Carex ouachitana</i>	Ouachita Sedge	S1	SPCO
<i>Silene ovata</i>	Ovate Catchfly	S2	END
<i>Sagittaria platyphylla</i>	Ovate-Leaved Arrowhead	S2S3	SPCO

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<i>Melanthium woodii</i>	Ozark Bunchflower	S1	END
<i>Corydalis sempervirens</i>	Pale Corydalis	S1S2	END
<i>Platanthera flava var. herbiola</i>	Pale Green Orchid	S2	THR
<i>Torreyochloa pallida</i>	Pale Manna Grass	S1	SPCO
<i>Hypericum ellipticum</i>	Pale St. John's-Wort	S1	END
<i>Mirabilis albida</i>	Pale Umbrella-Wort	S2	THR
<i>Echinacea pallida</i>	Pale-purple Coneflower	S1	THR
<i>Dichanthelium acuminatum ssp. leucothrix</i>	Panic-Grass	S1	SPCO
<i>Dichanthelium ensifolium ssp. curtifolium</i>	Panic-Grass	S1	END
<i>Leavenworthia exigua var. lutea</i>	Pasture Glade-Cress	SH	E-P
<i>Perideridia americana</i>	Perideridia	S2	END
<i>Tetragonotheca helianthoides</i>	Pineland Squarehead	SH	E-P
<i>Cypripedium acaule</i>	Pink Lady-Slipper	S4	S-CE
<i>Clematis pitcheri</i>	Pitcher Leather-Flower	SH	THR
<i>Helianthemum bicknellii</i>	Plains Frostweed	SH	E-P
<i>Muhlenbergia cuspidata</i>	Plains Muhlenbergia	S1	END
<i>Cyperus plukenetii</i>	Plukenet's Cyperus	SH	SPCO
<i>Ammoselinum popei</i>	Pope Sand-Parsley	S2	THR
<i>Calamagrostis porteri</i>	Porter's Reedgrass	S1	END
<i>Agalinis heterophylla</i>	Prairie False-Foxglove	S1	THR
<i>Solidago ptarmicoides</i>	Prairie Goldenrod	S1S2	END
<i>Polytaenia nuttallii</i>	Prairie Parsley	S1	THR
<i>Packera plattensis</i>	Prairie Ragwort	SH	SPCO
<i>Silphium pinnatifidum</i>	Prairie-Dock	S2	THR
<i>Ceratophyllum echinatum</i>	Prickly Hornwort	S1	SPCO
<i>Asclepias purpurascens</i>	Purple Milkweed	S1	SPCO
<i>Dalea purpurea</i>	Purple Prairie-Clover	S1	END
<i>Ruellia purshiana</i>	Pursh's Wild-Petunia	S1S2	SPCO
<i>Crotalaria purshii</i>	Rattlebox	SH	E-P
<i>Iris fulva</i>	Red Iris	S2	THR
<i>Lachnanthes caroliana</i>	Red Root	S1	END
<i>Chelone obliqua</i>	Red Turtlehead	S1	SPCO
<i>Calamagrostis cainii</i>	Reedgrass	S1	END
<i>Agalinis oligophylla</i>	Ridge-Stem False-Foxglove	S1	END
<i>Bolboschoenus fluviatilis</i>	River Bulrush	S1	SPCO
<i>Solidago rupestris</i>	Rock Goldenrod	S1	END
<i>Scutellaria saxatilis</i>	Rock Skullcap	S3	THR
<i>Eurybia saxicastellii</i>	Rockcastle Aster	S1S2	END

Scientific Name	Common Name	State Rank	State Status
<i>Pogonia ophioglossoides</i>	Rose Pogonia	S2	END
<i>Sabatia capitata</i>	Rose-Gentian	S2	END
<i>Streptopus roseus</i>	Rosy Twisted-Stalk	S2	SPCO
<i>Geum laciniatum</i>	Rough Avens	S1	SPCO
<i>Galium asprellum</i>	Rough Bedstraw	S1	SPCO
<i>Hieracium scabrum</i>	Rough Hawkweed	S2	THR
<i>Prenanthes aspera</i>	Rough Rattlesnake-Root	S1	END
<i>Talinum teretifolium</i>	Roundleaf Fameflower	S2	THR
<i>Amelanchier sanguinea</i>	Roundleaf Serviceberry	S2	THR
<i>Drosera rotundifolia</i>	Roundleaf Sundew	S1	THR
<i>Cardamine rotundifolia</i>	Roundleaf Water-Cress	S2S3	SPCO
<i>Silene regia</i>	Royal Catchfly	SH	E-P
<i>Rugelia nudicaulis</i>	Rugel's Ragwort	S2	END
<i>Prunus pumila</i>	Sand Cherry	S1	END
<i>Vitis rupestris</i>	Sand Grape	S1	END
<i>Quercus margarettae</i>	Sand Post Oak	S1	SPCO
<i>Calamovilfa arcuata</i>	Sandreed Grass	S2	END
<i>Buckleya distichophylla</i>	Sapsuck	S2	THR
<i>Saxifraga caroliniana</i>	Saxifrage	S1S2	END
<i>Eurybia schreberi</i>	Schreber Aster	S1	SPCO
<i>Packera schweinitziana</i>	Schweinitz's Ragwort	S1	THR
<i>Carex comosa</i>	Sedge	S2	THR
<i>Carex hirtifolia</i>	Sedge	S1S2	SPCO
<i>Carex hitchcockiana</i>	Sedge	S1	THR
<i>Carex lacustris</i>	Sedge	S1	THR
<i>Carex misera</i>	Sedge	S2	THR
<i>Carex muskingumensis</i>	Sedge	SH	E-P
<i>Carex pallescens</i>	Sedge	S1	SPCO
<i>Carex reniformis</i>	Sedge	S1	SPCO
<i>Carex roanensis</i>	Sedge	S2	END
<i>Carex ruthii</i>	Sedge	S2	THR
<i>Carex vestita</i>	Sedge	SH	E-P
<i>Carex x aestivaliformis</i>	Sedge	S1	SPCO
<i>Veronica catenata</i>	Sessile Water-Speedwell	S1	END
<i>Sagittaria rigida</i>	Sessile-Fruited Arrowhead	S1	SPCO
<i>Ponthieva racemosa</i>	Shadow-Witch Orchid	S1	END
<i>Spiranthes lucida</i>	Shining Ladies'-Tresses	S1S2	THR
<i>Sagittaria brevirostra</i>	Short-Beak Arrowhead	S1	THR
<i>Juncus brachyccephalus</i>	Short-Head Rush	S2	SPCO
<i>Helenium brevifolium</i>	Shortleaf Sneezeweed	S1	END

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Scientific Name	Common Name	State Rank	State Status
<i>Arabis shortii</i>	Short's Rock-Cress	S1S2	SPCO
<i>Cypripedium reginae</i>	Showy Lady-Slipper	S1	END
<i>Paronychia argyrocoma</i>	Silverling	S1S2	THR
<i>Symplocarpus foetidus</i>	Skunk Cabbage	S1	END
<i>Liatris cylindracea</i>	Slender Blazing-Star	S2	THR
<i>Penstemon tubiflorus</i>	Small Flowered Beardtongue	S1	SPCO
<i>Platanthera psycodes</i>	Small Purple Fringe Orchid	S2	SPCO
<i>Allium tricoccum</i>	Small White Leek	S1S2	S-CE
<i>Heteranthera limosa</i>	Smaller Mud-Plantain	S1S2	THR
<i>Dichanthelium ensifolium</i> ssp. <i>ensifolium</i>	Small-Leaved Panic Grass	S2	SPCO
<i>Diamorpha smallii</i>	Small's Stonecrop	S1S2	END
<i>Glyceria nubigena</i>	Smoky Mountain Manna-Grass	S1S2	THR
<i>Platanthera nivea</i>	Snowy Orchid	S1	END
<i>Polygonella americana</i>	Southern Jointweed	S1S2	END
<i>Lobelia amoena</i>	Southern Lobelia	S1S2	THR
<i>Trillium rugelii</i>	Southern Nodding Trillium	S2	END
<i>Stylisma humistrata</i>	Southern Morning-Glory	S1	THR
<i>Listera australis</i>	Southern Twayblade	S1S2	END
<i>Eleocharis intermedia</i>	Spike-Rush	S1	END
<i>Dryopteris carthusiana</i>	Spinulose Woodfern	S1	THR
<i>Corallorrhiza maculata</i>	Spotted Coral-Root	S1	THR
<i>Aureolaria patula</i>	Spreading False-Foxglove	S3	SPCO
<i>Arabis patens</i>	Spreading Rockcress	S1	END
<i>Stachys clingmanii</i>	Stachys	S1S2	THR
<i>Maianthemum stellatum</i>	Starflower Solomons-Seal	S1	END
<i>Lycopodium annotinum</i>	Stiff Clubmoss	SH	E-P
<i>Lesquerella stonensis</i>	Stones River Bladderpod	S1	END
<i>Sullivantia sullivantii</i>	Sullivantia	S1	END
<i>Drosera capillaris</i>	Sundew	S1	THR
<i>Schoenolirion croceum</i>	Sunnybell	S3	THR
<i>Elymus svensonii</i>	Svenson's Wild-Rye	S2	END
<i>Lysimachia terrestris</i>	Swamp Loosestrife	S1	END
<i>Pedicularis lanceolata</i>	Swamp Lousewort	S1S2	SPCO
<i>Saxifraga pensylvanica</i>	Swamp Saxifrage	S1	END
<i>Rudbeckia subtomentosa</i>	Sweet Coneflower	S2	THR
<i>Comptonia peregrina</i>	Sweet Fern	S1	END
<i>Monotropsis odorata</i>	Sweet Pinesap	S2	THR
<i>Magnolia virginiana</i>	Sweetbay Magnolia	S2	THR
<i>Spiranthes odorata</i>	Sweetscent Ladies'-Tresses	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>Hasteola suaveolens</i>	Sweet-Scented Indian-Plantain	S2	THR
<i>Utricularia inflata</i>	Swollen Bladderwort	S1	SPCO
<i>Delphinium exaltatum</i>	Tall Larkspur	S2	END
<i>Eriophorum virginicum</i>	Tawny Cotton-Grass	S1S2	END
<i>Eriocaulon decangulare</i>	Ten-angle Pipewort	S1	END
<i>Astragalus tennesseensis</i>	Tennessee Milk-Vetch	S3	SPCO
<i>Potamogeton tennesseensis</i>	Tennessee Pondweed	S2	THR
<i>Agalinis setacea</i>	Thread-Leaved Gerardia	SH	SPCO
<i>Viola tripartita</i> var. <i>tripartita</i>	Three-Parted Violet	S2S3	SPCO
<i>Potentilla tridentata</i>	Three-Toothed Cinquefoil	S1S2	SPCO
<i>Carex hyalina</i>	Tissue Sedge	S1	SPCO
<i>Cyperus dentatus</i>	Toothed Sedge	S1	SPCO
<i>Muhlenbergia torreyana</i>	Torrey Muhly	S1	END
<i>Arabis glabra</i>	Tower-Mustard	S1	SPCO
<i>Stellaria alsine</i>	Trailing Stitchwort	S1	END
<i>Aconitum reclinatum</i>	Trailing Wolfsbane	S1	END
<i>Lycopodium dendroideum</i>	Treelike Clubmoss	S1	SPCO
<i>Trichophorum cespitosum</i>	Tufted Clubrush	S1	END
<i>Eleocharis tortilis</i>	Twisted Spike-Rush	S1	SPCO
<i>Cerastium velutinum</i>	Velvety Cerastium	S1	END
<i>Woodwardia virginica</i>	Virginia Chainfern	S2	SPCO
<i>Hexastylis virginica</i>	Virginia Heartleaf	S2	SPCO
<i>Sida hermaphrodita</i>	Virginia Mallow	SH	E-P
<i>Rosa virginiana</i>	Virginia Rose	SH	SPCO
<i>Hydrophyllum virginianum</i>	Virginia Waterleaf	S3	THR
<i>Echinochloa walteri</i>	Walter's Barnyard Grass	S1	SPCO
<i>Schoenoplectus subterminalis</i>	Water Bulrush	S1	SPCO
<i>Stellaria fontinalis</i>	Water Stitchwort	S3	THR
<i>Myriophyllum pinnatum</i>	Water-Milfoil	S1	THR
<i>Didiplis diandra</i>	Water-Purslane	S1	THR
<i>Elodea nuttallii</i>	Waterweed	S2	SPCO
<i>Echinacea simulata</i>	Wavy-Leaf Purple-Coneflower	S2	THR
<i>Draba cuneifolia</i>	Wedge-Leaf Whitlow-Grass	S1S2	SPCO
<i>Onosmodium molle</i> ssp. <i>occidentale</i>	Western False Gromwell	S1S2	THR
<i>Arabis hirsuta</i>	Western Hairy Rock-Cress	S1	THR
<i>Erysimum capitatum</i>	Western Wallflower	S1S2	END
<i>Rhynchospora alba</i>	White Beakrush	SH	E-P
<i>Zigadenus glaucus</i>	White Camas	S1	END
<i>Symphyotrichum ericoides</i>	White Heath Aster	SH	THR

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Scientific Name	Common Name	State Rank	State Status
<i>Dalea candida</i>	White Prairie-Clover	S2	SPCO
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	White Water Buttercup	S1	END
<i>Eupatorium leucolepis</i>	White-Bract Thoroughwort	S1	END
<i>Helianthus glaucophyllus</i>	White-Leaved Sunflower	S1	THR
<i>Silene caroliniana</i> ssp. <i>pensylvanica</i>	Wild Pink	S1S2	THR
<i>Symphyotrichum praealtum</i>	Willow Aster	S1	END
<i>Epilobium ciliatum</i>	Willow-Herb	S1	THR
<i>Epilobium leptophyllum</i>	Willow-Herb	S1	THR
<i>Fothergilla major</i>	Witch-Alder	S2	THR
<i>Lilium philadelphicum</i>	Wood Lily	S1	END
<i>Geum aleppicum</i>	Yellow Avens	S1	SPCO
<i>Platanthera integra</i>	Yellow Fringeless Orchid	S1	END
<i>Lonicera flava</i>	Yellow Honeysuckle	S1	THR
<i>Gelsemium sempervirens</i>	Yellow Jessamine	S1S2	SPCO
<i>Spiranthes ochroleuca</i>	Yellow Nodding Ladies'-Tresses	SH	E-P
<i>Erythronium rostratum</i>	Yellow Trout-Lily	S2	SPCO
<i>Ranunculus flabellaris</i>	Yellow Water-Crowfoot	S2	THR
<i>Xyris laxifolia</i> var. <i>iridifolia</i>	Yellow-Eyed-Grass	S2	THR
<i>Utricularia subulata</i>	Zigzag Bladderwort	S1	THR
<b>Terrestrial Animal Species</b>			
<i>Hyla gratiosa</i>	Barking Treefrog	S3	NMGT
<i>Desmognathus welteri</i>	Black Mountain Salamander	S3	NMGT
<i>Hemidactylium scutatum</i>	Four-Toed Salamander	S3	NMGT
<i>Rana capito</i>	Gopher Frog	S1	TRKD
<i>Cryptobranchus alleganiensis</i>	Hellbender	S3	NMGT
<i>Desmognathus imitator</i>	Imitator Salamander	S3	TRKD
<i>Eurycea junaluska</i>	Junaluska Salamander	S2	NMGT
<i>Desmognathus wrighti</i>	Pigmy Salamander	S2	NMGT
<i>Plethodon shermani</i>	Red-Legged Salamander	S2	TRKD
<i>Desmognathus aeneus</i>	Seepage Salamander	S1	NMGT
<i>Ambystoma barbouri</i>	Streamside Salamander	S2	NMGT
<i>Gyrinophilus palleucus</i>	Tennessee Cave Salamander	S2	THR
<i>Plethodon wehrlei</i>	Wehrle's Salamander	S1	NMGT
<i>Plethodon welleri</i>	Weller's Salamander	S1	NMGT
<i>Empidonax alnorum</i>	Alder Flycatcher	S1	TRKD
<i>Botaurus lentiginosus</i>	American Bittern	S1	TRKD
<i>Anhinga anhinga</i>	Anhinga	S1	NMGT
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S2	END
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S3	NMGT

Scientific Name	Common Name	State Rank	State Status
<i>Tyto Alba</i>	Barn Owl	S3	NMGT
<i>Thryomanes bewickii</i>	Bewick's Wren	S1	END
<i>Laterallus jamaicensis</i>	Black Rail	S1	TRKD
<i>Poecile atricapilla</i>	Black-Capped Chickadee	S2	NMGT
<i>Bubulcus ibis</i>	Cattle Egret	S2	TRKD
<i>Dendroica cerulea</i>	Cerulean Warbler	S3	NMGT
<i>Gallinula chloropus</i>	Common Moorhen	S1	NMGT
<i>Corvus corax</i>	Common Raven	S2	THR
<i>Aquila chrysaetos</i>	Golden Eagle	S1	THR
<i>Vermivora chrysoptera</i>	Golden-Winged Warbler	S3	NMGT
<i>Ardea alba</i>	Great Egret	S2	NMGT
<i>Ammodramus henslowii</i>	Henslow's Sparrow	S1	NMGT
<i>Sterna a. athalassos</i>	Interior Least Tern	S2S3	END
<i>Rallus elegans</i>	King Rail	S2	NMGT
<i>Chondestes grammacus</i>	Lark Sparrow	S1	THR
<i>Ixobrychus exilis</i>	Least Bittern	S2	NMGT
<i>Egretta caerulea</i>	Little Blue Heron	S2	NMGT
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S3	NMGT
<i>Ictinia mississippiensis</i>	Mississippi Kite	S2S3	NMGT
<i>Circus cyaneus</i>	Northern Harrier	S4	NMGT
<i>Aegolius acadicus</i>	Northern Saw-Whet Owl	S1	THR
<i>Contopus cooperi</i>	Olive-Sided Flycatcher	S1	NMGT
<i>Falco peregrinus</i>	Peregrine Falcon	S1	END
<i>Charadrius melanotos</i>	Piping Plover	S2	END/THR
<i>Loxia curvirostra</i>	Red Crossbill	S1	TRKD
<i>Passerculus sandwichensis</i>	Savannah Sparrow	S1	TRKD
<i>Tyrannus forficatus</i>	Scissor-Tailed Flycatcher	S1	TRKD
<i>Accipiter striatus</i>	Sharp-Shinned Hawk	S3	NMGT
<i>Egretta thula</i>	Snowy Egret	S2	NMGT
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	S3	NMGT
<i>Pooecetes gramineus</i>	Vesper Sparrow	S1	NMGT
<i>Sphyrapicus varius</i>	Yellow-Bellied Sapsucker	S1	NMGT
<i>Rallus limicola</i>	Virginia Rail	S1	TRKD
<i>Neotoma magister</i>	Allegheny Woodrat	S3	NMGT
<i>Glaucomys sabrinus coloratus</i>	Carolina Northern Flying Squirrel	S1	END
<i>Sorex cinereus</i>	Common Shrew	S4	NMGT
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S3	NMGT
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S2S3	NMGT
<i>Spilogale putorius</i>	Eastern Spotted Skunk	S3	TRKD
<i>Neotoma floridana illinoensis</i>	Eastern Woodrat	S3	NMGT

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Scientific Name	Common Name	State Rank	State Status
<i>Myotis grisescens</i>	Gray Bat	S2	END
<i>Parascalops breweri</i>	Hairy-Tailed Mole	S3	NMGT
<i>Myotis sodalis</i>	Indiana Bat	S1	END
<i>Mustela nivalis</i>	Least Weasel	S2	TRKD
<i>Sorex dispar</i>	Long-Tailed Shrew	S2	NMGT
<i>Zapus hudsonius</i>	Meadow Jumping Mouse	S4	NMGT
<i>Sylvilagus obscurus</i>	Appalachian Cottontail	S3	NMGT
<i>Sorex hoyi</i>	Pygmy Shrew	S2	TRKD
<i>Sorex fumeus</i>	Smoky Shrew	S4	NMGT
<i>Sorex longirostris</i>	Southeastern Shrew	S4	NMGT
<i>Neotoma floridana haematoareia</i>	Southern Appalachian Woodrat	S2	NMGT
<i>Synaptomys cooperi</i>	Southern Bog Lemming	S4	NMGT
<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole	S2	NMGT
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	S2	NMGT
<i>Condylura cristata</i>	Star-Nosed Mole	S2	NMGT
<i>Napaeozapus insignis</i>	Woodland Jumping Mouse	S4	NMGT
<i>Macrochelys temminckii</i>	Alligator Snapping Turtle	S2S3	NMGT
<i>Glyptemys muhlenbergii</i>	Bog Turtle	S1	THR
<i>Eumeces anthracinus</i>	Coal Skink	S1	NMGT
<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	S3	NMGT
<i>Nerodia cyclopion</i>	Mississippi Green Water Snake	S2	NMGT
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	S3	THR
<i>Sistrurus miliaris streckeri</i>	Western Pigmy Rattlesnake	S2S3	THR
<i>Batriscodes pannosus</i>	A Beetle	S1S2	TRKD
<i>Batriscodes subterraneus</i>	A Beetle	S1S2	TRKD
<i>Batriscodes valentinei</i>	A Beetle	S1?	TRKD
<i>Nelsonites walteri</i>	A Beetle	S3	TRKD
<i>Trechus luculentus</i>	A Carabid Beetle	S3	TRKD
<i>Trechus novaculosus</i>	A Carabid Beetle	S2	TRKD
<i>Trechus roanicus</i>	A Carabid Beetle	S1	TRKD
<i>Hadenoecus opilionoides</i>	A Cave Cricket	S2?	TRKD
<i>Chaetaspis mollis</i>	A Cave Millipede	S1	TRKD
<i>Batriscodes barri</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Batriscodes clypeospecus</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Batriscodes ferulifer</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Batriscodes gemmoides</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Batriscodes gemmus</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Tychobythinus strinatii</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Ptomaphagus barri</i>	A Cave Obligate Beetle	S1S2	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Ptomaphagus chromolithus</i>	A Cave Obligate Beetle	S1?	TRKD
<i>Ptomaphagus fecundus</i>	A Cave Obligate Beetle	S1	TRKD
<i>Pseudanophthalmus scutilus</i>	A Cave Obligate Beetle	S1	TRKD
<i>Pseudanophthalmus farrelli</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Pseudanophthalmus hesperus</i>	A Cave Obligate Beetle	S1	TRKD
<i>Pseudanophthalmus loganensis</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Pseudanophthalmus macradei</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Pseudanophthalmus robustus</i>	A Cave Obligate Beetle	S3	TRKD
<i>Pseudanophthalmus scutilu</i>	A Cave Obligate Beetle	S1	TRKD
<i>Pseudanophthalmus templetoni</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Pseudanophthalmus tennesseensis</i>	A Cave Obligate Beetle	S2	TRKD
<i>Pseudanophthalmus vanburenensis</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Tychobythinus strinatii</i>	A Cave Obligate Beetle	S1S2	TRKD
<i>Pseudanophthalmus fulleri</i>	A Cave Obligate Ground Beetle	S2S3	TRKD
<i>Phalangodes appalachius</i>	A Cave Obligate Harvestman	S3	TRKD
<i>Scoterpes ventus</i>	A Cave Obligate Millipede	S1S2	TRKD
<i>Tetracion tennesseensis</i>	A Cave Obligate Millipede	S1S2	TRKD
<i>Kleptochthonius daemonius</i>	A Cave Obligate Pseudoscorpion	S1S2	TRKD
<i>Nesticus barri</i>	A Cave Obligate Spider	S2S3	TRKD
<i>Nesticus barrowsi</i>	A Cave Obligate Spider	S1S2	TRKD
<i>Pseudosinella aera</i>	A Cave Obligate Springtail	S1	TRKD
<i>Pseudosinella christianseni</i>	A Cave Obligate Springtail	S2	TRKD
<i>Pseudosinella spinosa</i>	A Cave Obligate Springtail	S2?	TRKD
<i>Arrhopalites</i> sp. 4	A Cave Springtail	S1	TRKD
<i>Cambarincola alienus</i>	A Cave Obligate Worm	S1	TRKD
<i>Cambarincola leptadenus</i>	A Cave Obligate Worm	S1	TRKD
<i>Pseudanophthalmus humeralis</i>	A Ground Beetle	S2	TRKD
<i>Pseudanophthalmus rotundatus</i>	A Ground Beetle	S1S2	TRKD
<i>Trechus luculentus unicoi</i>	A Ground Beetle	S3	TRKD
<i>Theromaster</i> sp. 1	A Harvestman From Cummings Cove Cave	S1	TRKD
<i>Appaleptoneta</i> sp. 1	A Leptonetid Spider From Ghost River Cave	S1	TRKD
<i>Aloconota diversiseta</i>	A Rove Beetle	S1	TRKD
<i>Atheta lucifuga</i>	A Rove Beetle	S2	TRKD
<i>Pseudosinella hirsuta</i>	A Springtail	S2S3	TRKD
<i>Sinella cavernarum</i>	A Springtail	S2?	TRKD
<i>Folsomia</i> sp.2 nr. <i>macrochaeta</i>	A Springtail From Indian Cave	S1	TRKD
<i>Pseudosinella</i> sp. 7 nr. <i>nata</i>	A Springtail From Upper Cummings Cove Cave	S1	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Hypogastrura</i> sp. 1	A Viatica Group Springtail	S1	TRKD
<i>Pseudanophthalmus insularis</i>	Baker Station Cave Beetle	S1	TRKD
<i>Pseudanophthalmus bendermani</i>	Benderman's Cave Beetle	S1S2	TRKD
<i>Pseudanophthalmus ventus</i>	Blowing Cave Beetle	S1	TRKD
<i>Pseudanophthalmus catherinae</i>	Catherine's Cave Beetle	S1	TRKD
<i>Triacanthella copelandi</i>	Copeland's Springtail	S1	TRKD
<i>Nesticus furtivus</i>	Crystal Caverns Cave Spider	S1	TRKD
<i>Trechus cumberlandus</i>	Cumberland Ground Beetle	S2	TRKD
<i>Speyeria diana</i>	Diana	S3	TRKD
<i>Pseudanophthalmus tullahoma</i>	Duck River Cave Beetle	S1	TRKD
<i>Pseudanophthalmus acherontis</i>	Echo Cave Beetle	S1S2	TRKD
<i>Pseudanophthalmus engelhardti</i>	Engelhart's Cave Beetle	S1	TRKD
<i>Pseudanophthalmus fowlerae</i>	Fowler's Cave Beetle	S1	TRKD
<i>Pseudanophthalmus jonesi</i>	Grassy Cove Cave Beetle	S1S2	TRKD
<i>Hesperia sassacus</i>	Indian Skipper	S1?	TRKD
<i>Pseudanophthalmus tiresias</i>	Indian Cave Point Cave Beetle	S1	TRKD
<i>Pseudanophthalmus longiceps</i>	Long-headed Cave Beetle	S1	TRKD
<i>Pseudanophthalmus nickajackensis</i>	Nickajack Cave Beetle	S1	TRKD
<i>Pseudanophthalmus paulus</i>	Nobletts Cave Beetle	S1	TRKD
<i>Pseudanophthalmus nortoni</i>	Norton's Cave Beetle	S1	TRKD
<i>Pseudanophthalmus pallidus</i>	Pale Cave Beetle	S1S2	TRKD
<i>Aunguispira picta</i>	Painted Snake Coiled Forest Snail	S1	END
<i>Pseudanophthalmus paynei</i>	Payne's Cave Beetle	S1S2	TRKD
<i>Pseudanophthalmus paradoxus</i>	Ridgetop Cave Beetle	S1	TRKD
<i>Pseudanophthalmus</i> sp. 27	Rumbling Falls Cave Beetle	S1	TRKD
<i>Litocampa</i> sp. 5	Rumbling Falls Cave Dipluran	S1	TRKD
<i>Pseudanophthalmus simplex</i>	Simple Cave Beetle	S1S2	TRKD
<i>Microhexura nomtivaga</i>	Spruce-Fir Moss Spider	S1	TRKD
<i>Neanura</i> sp. 1	Swamp River Cave Neanura	S1	TRKD
<i>Onychiurus</i> sp. 2	Swamp River Cave Onychiurus	S1	TRKD
<i>Pseudosinella</i> sp. 5	Swamp River Cave Pseudosinella	S1	TRKD
<i>Pseudanophthalmus pusillus</i>	Tiny Cave Beetle	S1	TRKD
<i>Pseudanophthalmus unionis</i>	Union County Cave Beetle	S1	TRKD
<i>Pseudanophthalmus wallacei</i>	Wallace's Cave Beetle	S1	TRKD
<i>Pseudanophthalmus occidentalis</i>	Western Cave Beetle	S1	TRKD

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Possibly extirpated; SNR = State not ranked; species is considered sensitive by the state but has not yet been assigned a state rank; SX = Presumed extirpated

**State status:** END = Endangered; E-P = Endangered-proposed; EXTL = Extirpated; NMGT = Deemed in need of management; NOST = No Status; tracked as sensitive by the state but has no formal listing status;

## Appendix J

POTL = Potential/Species is being considered for state listing; S-CE = Special concern-commercially exploited; SH = Historically reported from the state, but no recent records of this species are known; SPCO = Species of concern; T-CE = Threatened-commercially exploited; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species

**Table K-7. Virginia State-Listed Species Located Within or in the Vicinity of the TVA Region**

Scientific Name	Common Name	State Rank	State Status
<b>Aquatic Species</b>			
<i>Cambarus bouchardi</i>	Big South Fork Crayfish	SNR	END
<i>Cambarus brachydactylus</i>	A Crayfish	S2	TRKD
<i>Cambarus extraneus</i>	Chickamauga Crayfish	S1S2	THR
<i>Cambarus obeyensis</i>	Obey Crayfish	S2	THR
<i>Cambarus pristinus</i>	A Crayfish	S2	END
<i>Cambarus sp. 1</i>	Emory River Crayfish	S1?	TRKD
<i>Cambarus williami</i>	'Brawley's Fork Crayfish'	SNR	END
<i>Fallicambarus hortoni</i>	Hatchie Burrowing Crayfish	SNR	END
<i>Orconectes alabamensis</i>	A Crayfish	SNR	NMGT
<i>Orconectes incomptus</i>	Tennessee Cave Crayfish	SNR	END
<i>Orconectes shoupi</i>	Nashville Crayfish	S1	END
<i>Orconectes wrighti</i>	A Crayfish	S2	END
<i>Gomphus consanguis</i>	Cherokee Clubtail	S1	TRKD
<i>Gomphus sandrius</i>	Tennessee Clubtail Dragonfly	S1	TRKD
<i>Ophiogomphus acuminatus</i>	Acuminate Snaketail	S2	TRKD
<i>Ophiogomphus edmundo</i>	Edmund's Snaketail	S1	TRKD
<i>Ophiogomphus incurvatus alleghaniensis</i>	Allegheny Snaketail	S1	TRKD
<i>Macromia margarita</i>	Margaret's River Cruiser	S2S3	TRKD
<i>Hadenoecus opilionoides</i>	A Cave Cricket	S2?	TRKD
<i>Glyptopsyche sequatchie</i>	Owen Spring Limnephilid Caddisfly	SNR	POTL
<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	S1S2	END
<i>Alasmidonta raveneliana</i>	Appalachian Elktoe	S1	END
<i>Cumberlandia monodonta</i>	Spectaclecase	S2S3	TRKD
<i>Cyprogenia stegaria</i>	Fanshell	S1	END
<i>Dromus dromas</i>	Dromedary Pearlymussel	S1	END
<i>Epioblasma biemarginata</i>	Angled Riffleshell	SX	EXTI
<i>Epioblasma brevidens</i>	Cumberland Combshell	S1	END
<i>Epioblasma capsaeformis</i>	Oyster Mussel	S1	END
<i>Epioblasma florentina florentina</i>	Yellow-blossom Pearlymussel	SX	EXTI
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	S1	END
<i>Epioblasma lewisii</i>	Forkshell	SX	EXTI
<i>Epioblasma metastriata</i>	Upland Combshell	SH	END
<i>Epioblasma obliquata</i>	Purple Catspaw	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>obliquata</i>			
<i>Epioblasma torulosa gubernaculum</i>	Green Blossom Pearlymussel	SX	EXTI
<i>Epioblasma torulosa torulosa</i>	Tubercled Blossom Pearlymussel	SX	EXTI
<i>Epioblasma triquetra</i>	Snuffbox	S3	TRKD
<i>Epioblasma turgidula</i>	Turgid Blossom Pearlymussel	SX	EXTI
<i>Fusconaia cor</i>	Shiny Pigtoe Pearlymussel	S1	END
<i>Fusconaia cuneolus</i>	Fine-Rayed Pigtoe	S1	END
<i>Hemistena lata</i>	Cracking Pearlymussel	S1	END
<i>Lampsilis abrupta</i>	Pink Mucket	S2	END
<i>Lampsilis altilis</i>	Fine-Lined Pocketbook	S1S2	THR
<i>Lampsilis siliquoidea</i>	Fatmucket	S2	NOST
<i>Lampsilis virescens</i>	Alabama Lampmussel	S1	END
<i>Lasmigona holstonia</i>	Tennessee Heelsplitter	S2	TRKD
<i>Lemiox rimosus</i>	Birdwing Pearlymussel	S1	END
<i>Lexingtonia dolabelloides</i>	Slabside Pearlymussel	S2	TRKD
<i>Medionidus acutissimus</i>	Alabama Moccasinshell	S1	THR
<i>Medionidus parvulus</i>	Coosa Moccasinshell	S1	END
<i>Obovaria jacksoniana</i>	Southern Hickorynut	S1	TRKD
<i>Obovaria retusa</i>	Ring Pink	S1	END
<i>Obovaria subrotunda</i>	Round Hickorynut	S3	TRKD
<i>Pegias fabula</i>	Little-wing Pearlymussel	S1	END
<i>Plethobasus cicatricosus</i>	White Wartyback	S1	END
<i>Plethobasus cooperianus</i>	Orange-foot Pimpleback	S1	END
<i>Plethobasus cyphyus</i>	Sheepnose	S2S3	TRKD
<i>Pleurobema chattanoogaense</i>	Painted Clubshell	S1?	TRKD
<i>Pleurobema clava</i>	Clubshell	SH	END
<i>Pleurobema georgianum</i>	Southern Pigtoe	S1	END
<i>Pleurobema gibberum</i>	Cumberland Pigtoe	S1	END
<i>Pleurobema hanleyianum</i>	Georgia Pigtoe	S1	TRKD
<i>Pleurobema oviforme</i>	Tennessee Clubshell	S2S3	TRKD
<i>Pleurobema perovatum</i>	Ovate Clubshell	SH	END
<i>Pleurobema plenum</i>	Rough Pigtoe	S1	END
<i>Pleurobema rubrum</i>	Pyramid Pigtoe	S2S3	TRKD
<i>Ptychobranchus greenii</i>	Triangular Kidneyshell	S1	END
<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	S2S3	TRKD
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	S3	TRKD

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Scientific Name	Common Name	State Rank	State Status
<i>Quadrula cylindrica strigillata</i>	Rough Rabbitsfoot	S2	END
<i>Quadrula intermedia</i>	Cumberland Monkeyface	S1	END
<i>Quadrula sparsa</i>	Appalachian Monkeyface	S1	END
<i>Simpsonaias ambigua</i>	Salamander Mussel	S1	TRKD
<i>Strophitus connasaugaensis</i>	Alabama Creekmussel	S1	TRKD
<i>Toxolasma cylindrellus</i>	Pale Lilliput	S1	END
<i>Toxolasma lividus</i>	Purple Lilliput	S1S2	TRKD
<i>Villosa fabalis</i>	Rayed Bean	S1	TRKD
<i>Villosa perpurpurea</i>	Purple Bean	S1	END
<i>Villosa trabalis</i>	Cumberland Bean	S1	END
<i>Villosa vibex</i>	Southern Rainbow	S2	TRKD
<i>Atheurnia anthonyi</i>	Anthony's River Snail	S1	END
<i>Elimia interrupta</i>	Knotty Elimia	S1	TRKD
<i>Io fluvialis</i>	Spiny Riversnail	S2	TRKD
<i>Leptoxis subglobosa umbilicata</i>	Umbilicate River Snail	S1	TRKD
<i>Leptoxis virgata</i>	Smooth Mudalia	S1	TRKD
<i>Lithasia armigera</i>	Armored Rocksnail	S1S2	TRKD
<i>Lithasia duttoniana</i>	Helmet Rock Snail	S2	TRKD
<i>Lithasia geniculata</i>	Ornate Rocksnail	S3	TRKD
<i>Lithasia jayana</i>	Rugose Rocksnail	S2	TRKD
<i>Lithasia lima</i>	Warty Rocksnail	S2	TRKD
<i>Lithasia salebrosa</i>	Muddy Rocksnail	S2	TRKD
<i>Pleurocera alveare</i>	Rugged Hornsnail	S2	TRKD
<i>Pleurocera corpulenta</i>	Corpulent Hornsnail	S1	TRKD
<i>Pleurocera curta</i>	Shortspire Hornsnail	S2	TRKD
<i>Pyrgulopsis ogmorhaphe</i>	Royal Marstonia	S1	END
<i>Somatogyrus sp. 2</i>	A Freshwater Snail (From Tennessee)	S1	TRKD
<i>Acipenser fulvescens</i>	Lake Sturgeon	S1	END
<i>Ammocrypta beani</i>	Naked Sand Darter	S2	NMGT
<i>Ammocrypta clara</i>	Western Sand Darter	S1	THR
<i>Ammocrypta vivax</i>	Scaly Sand Darter	S2	NMGT
<i>Atractosteus spatula</i>	Alligator Gar	S1	NMGT
<i>Carpoides velifer</i>	Highfin Carpsucker	S2S3	NMGT
<i>Clinostomus funduloides</i> ssp. 1	Smoky Dace	S1S2	NMGT
<i>Crystallaria asprella</i>	Crystal Darter	SX	NMGT
<i>Cyclopterus elongatus</i>	Blue Sucker	S2	THR
<i>Cyprinella caerulea</i>	Blue Shiner	S1	END

Scientific Name	Common Name	State Rank	State Status
<i>Erimonax monachus</i>	Spotfin Chub	S2	THR
<i>Erimystax cahni</i>	Slender Chub	S1	THR
<i>Etheostoma akatulo</i>	Bluemask Darter	S1	END
<i>Etheostoma aquali</i>	Coppercheek Darter	S2S3	THR
<i>Etheostoma baileyi</i>	Emerald Darter	S2	NMGT
<i>Etheostoma barbouri</i>	Teardrop Darter	S2	NMGT
<i>Etheostoma barrenense</i>	Splendid Darter	S3	NMGT
<i>Etheostoma bellum</i>	Orangefin Darter	S3	NMGT
<i>Etheostoma boschungi</i>	Slackwater Darter	S1	THR
<i>Etheostoma brevirostrum</i>	Holiday Darter	S1	THR
<i>Etheostoma cinereum</i>	Ashy Darter	S2S3	THR
<i>Etheostoma corona</i>	Crown Darter	S1S2	END
<i>Etheostoma denoncourtii</i>	Golden Darter	S2	NMGT
<i>Etheostoma ditrema</i>	Coldwater Darter	S1	THR
<i>Etheostoma etnieri</i>	Cherry Darter	S3	TRKD
<i>Etheostoma forbesi</i>	Barrens Darter	S1	END
<i>Etheostoma gutselli</i>	Tuckasegee Darter	S1	END
<i>Etheostoma lemniscatum</i>	Tuxedo Darter	S1	END
<i>Etheostoma luteovinctum</i>	Redband Darter	S4	NMGT
<i>Etheostoma marmorinnum</i>	Marbled Darter	S1	END
<i>Etheostoma microlepidum</i>	Smallscale Darter	S2	NMGT
<i>Etheostoma neopterum</i>	Lollipop Darter	S1S2	TRKD
<i>Etheostoma olivaceum</i>	Sooty Darter	S3	NMGT
<i>Etheostoma pseudovulatum</i>	Egg-Mimic Darter	S1	END
<i>Etheostoma pyrrhogaster</i>	Firebelly Darter	S2	NMGT
<i>Etheostoma sagitta</i>	Arrow Darter	S2	NMGT
<i>Etheostoma sitikuense</i>	Citico Darter	S1	END
<i>Etheostoma striatulum</i>	Striated Darter	S1	THR
<i>Etheostoma susanae</i>	Cumberland Darter	S1	END
<i>Etheostoma tippecanoe</i>	Tippecanoe Darter	S1S2	NMGT
<i>Etheostoma trisella</i>	Trispot Darter	S1	THR
<i>Etheostoma tuscumbia</i>	Tuscumbia Darter	SX	NMGT
<i>Etheostoma wapiti</i>	Boulder Darter	S1	END
<i>Fundulus chrysotus</i>	Golden Topminnow	S1S2	NMGT
<i>Fundulus julisia</i>	Barrens Topminnow	S1	END
<i>Hemitremia flammula</i>	Flame Chub	S3	NMGT
<i>Hybognathus placitus</i>	Plains Minnow	S1	NMGT
<i>Ichthyomyzon gagei</i>	Southern Brook Lamprey	S1	NMGT
<i>Ichthyomyzon unicuspis</i>	Silver Lamprey	S2	NMGT

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Scientific Name	Common Name	State Rank	State Status
<i>Macrhybopsis gelida</i>	Sturgeon Chub	S1	NMGT
<i>Macrhybopsis meeki</i>	Sicklefin Chub	S2	NMGT
<i>Macrhybopsis sp. 1</i>	Cf. M. Aestivalis	S1	TRKD
<i>Moxostoma lacerum</i>	Harelip Sucker	SX	NMGT
<i>Notropis albizonatus</i>	Palezone Shiner	SH	END
<i>Notropis buccatus</i>	Silverjaw Minnow	S2	THR
<i>Notropis dorsalis</i>	Bigmouth Shiner	S1	NMGT
<i>Notropis lineapunctata</i>	Lined Chub	S3	NMGT
<i>Notropis rubellus</i>	Rosyface Shiner	S2	TRKD
<i>Notropis rupestris</i>	Bedrock Shiner	S2	NMGT
<i>Noturus baileyi</i>	Smoky Madtom	S1	END
<i>Noturus crypticus</i>	Chucky Madtom	S1	END
<i>Noturus fasciatus</i>	Saddled Madtom	S2	THR
<i>Noturus flavipinnis</i>	Yellowfin Madtom	S1	END
<i>Noturus munitus</i>	Frecklebelly Madtom	S1	THR
<i>Noturus stanauli</i>	Pygmy Madtom	S1	END
<i>Noturus stigmosus</i>	Northern Madtom	S3	NMGT
<i>Percina antesella</i>	Amber Darter	S1	END
<i>Percina aurantiaca</i>	Tangerine Darter	S3	NMGT
<i>Percina burtoni</i>	Blotchside Logperch	S2	NMGT
<i>Percina jenkinsi</i>	Conasauga Logperch	S1	END
<i>Percina kathae</i>	Mobile Logperch	S3	TRKD
<i>Percina kusha</i>	Bridled Darter	S1	TRKD
<i>Percina macrocephala</i>	Longhead Darter	S2	THR
<i>Percina phoxocephala</i>	Slenderhead Darter	S3	NMGT
<i>Percina squamata</i>	Olive Darter	S2	NMGT
<i>Percina stictogaster</i>	Frecklebelly Darter	S1	NMGT
<i>Percina tanasi</i>	Snail Darter	S2S3	THR
<i>Phoxinus cumberlandensis</i>	Blackside Dace	S2	THR
<i>Phoxinus saylori</i>	Laurel Dace	S1	END
<i>Phoxinus tennesseensis</i>	Tennessee Dace	S3	NMGT
<i>Polyodon spathula</i>	Paddlefish	S3	TRKD
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	S1	END
<i>Thoburnia atripinnis</i>	Blackfin Sucker	S1	NMGT
<i>Typhlichthys subterraneus</i>	Southern Cavefish	S3	NMGT
<b>Plant Species</b>			
<i>Botrychium jenmanii</i>	Alabama Grapefern	S1	SLNS
<i>Cimicifuga rubifolia</i>	Appalachian Bugbane	S2	SLNS
<i>Cardamine flagellifera</i>	Bitter Cress	S1	SLNS

Scientific Name	Common Name	State Rank	State Status
<i>Packera millefolia</i>	BR Ragwort	S1	SLNS
<i>Hypericum mitchellianum</i>	BR St. John's-Wort	S2	SLNS
<i>Poa paludigena</i>	Bog Bluegrass	S2	SLNS
<i>Gaylussacia brachycera</i>	Box Huckleberry	S2	SLNS
<i>Paxistima canbyi</i>	Canby's Mountain-Lover	S2	SLNS
<i>Chelone cuthbertii</i>	Cuthbert Turtlehead	S2	SLNS
<i>Abies fraseri</i>	Fraser Fir	S1	SLNS
<i>Euphorbia purpurea</i>	Glade Spurge	S2	SLNS
<i>Lilium grayi</i>	Gray's Lily	S2	SLNS
<i>Parnassia grandifolia</i>	Large-Leaved Grass-of-Parnassus	S2	SLNS
<i>Phlox amplifolia</i>	Large-Leaved Phlox	S2	SLNS
<i>Trifolium calcaricum</i>	Leo's Trifolium	S1	SLNS
<i>Ilex collina</i>	Long-Stalked Holly	S2	END
<i>Cardamine clematitis</i>	Mountain Bitter Cress	S1	SLNS
<i>Lycopodiella marginata</i>	Northern Prostrate Clubmoss	S1	SLNS
<i>Silene ovata</i>	Ovate Catchfly	S1	SLNS
<i>Buckleya distichophylla</i>	Sapsuck	S2	END
<i>Saxifraga careyana</i>	Saxifrage	S2?	SLNS
<i>Saxifraga caroliniana</i>	Saxifrage	S2?	SLNS
<i>Carex schweinitzii</i>	Sedge	S1	SLNS
<i>Carex sp. 2</i>	Sedge	S1	SLNS
<i>Cleistes bifaria</i>	Spreading Pogonia	S2	SLNS
<i>Phlox buckleyi</i>	Sword-Leaved Phlox	S2	SLNS
<i>Trillium pusillum</i> var. <i>virginianum</i>	Virginia Least Trillium	S2	SLNS
<b>Terrestrial Animal Species</b>			
<i>Desmognathus orestes</i>	Blue Ridge Dusky Salamander	S3	TRKD
<i>Eurycea wilderae</i>	Blue Ridge Two-Lined Salamander	S2	TRKD
<i>Hyla gratiosa</i>	Barking Treefrog	S1	THR
<i>Plethodon yonahlossee</i>	Crevice Salamander	S3	TRKD
<i>Plethodon kentucki</i>	Cumberland Plateau Salamander	S3	TRKD
<i>Aneides aeneus</i>	Green Salamander	S3	TRKD
<i>Cryptobranchus alleganiensis</i>	Hellbender	S2S3	SPCO
<i>Ambystoma talpoideum</i>	Mole Salamander	S2	SPCO

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Scientific Name	Common Name	State Rank	State Status
<i>Necturus maculosus</i>	Mudpuppy	S2	TRKD
<i>Desmognathus wrighti</i>	Pigmy Salamander	S2	SPCO
<i>Desmognathus marmoratus</i>	Shovelnose Salamander	S2	SPCO
<i>Ambystoma tigrinum</i>	Tiger Salamander	S1	END
<i>Plethodon welleri</i>	Weller's Salamander	S2	SPCO
<i>Empidonax alnorum</i>	Alder Flycatcher	S1	SPCO
<i>Fulica americana</i>	American Coot	S1	TRKD
<i>Thryomanes bewickii altus</i>	Appalachian Bewick's Wren	S1	END
<i>Aimophila aestivalis</i>	Bachman's Sparrow	S1	THR
<i>Haliaeetus leucocephalus</i>	Bald Eagle	S2S3	THR
<i>Tyto alba</i>	Barn Owl	S3	SPCO
<i>Dendroica fusca</i>	Blackburnian Warbler	S2	TRKD
<i>Nycticorax nycticorax</i>	Black-Crowned Night-heron	S3	TRKD
<i>Laterallus jamaicensis</i>	Black Rail	S2	TRKD
<i>Vermivora pinus</i>	Blue Winged Warbler	S3	TRKD
<i>Certhia americana</i>	Brown Creeper	S3	SPCO
<i>Gallinula chloropus</i>	Common Moorhen	S1	SPCO
<i>Accipiter cooperii</i>	Cooper's Hawk	S3	TRKD
<i>Spiza americana</i>	Dickcissel	S2S3	SPCO
<i>Regulus satrapa</i>	Golden-Crowned Kinglet	S2	SPCO
<i>Vermivora pinus</i>	Golden-Winged Warbler	S3	SPCO
<i>Ardea alba</i>	Great Egret	S2S3	SPCO
<i>Ammodramus henslowii</i>	Henslow's Sparrow	S1	THR
<i>Catharus guttatus</i>	Hermit Thrush	S1	SPCO
<i>Ixobrychus exilis</i>	Least Bittern	S3	TRKD
<i>Egretta caerulea</i>	Little Blue Heron	S2	SPCO
<i>Lanius ludovicianus</i>	Loggerhead Shrike	S2	THR
<i>Asio otus</i>	Long-Eared Owl	S1	SPCO
<i>Dendroica magnolia</i>	Magnolia Warbler	S2	SPCO
<i>Circus cyaneus</i>	Northern Harrier	S1S2	SPCO
<i>Aegolius acadicus</i>	Northern Saw-Whet Owl	S1	SPCO
<i>Falco peregrinus</i>	Peregrine Falcon	S1	THR
<i>Carpodacus purpureus</i>	Purple Finch	S1	SPCO
<i>Loxia curvirostra</i>	Red Crossbill	S1	SPCO
<i>Sitta canadensis</i>	Red-Breasted Nuthatch	S2	SPCO
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	S1	END
<i>Cistothorus platensis</i>	Sedge Wren	S1	SPCO
<i>Asio flammeus</i>	Short-Eared Owl	S1	TRKD
<i>Egretta thula</i>	Snowy Egret	S2	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Actitis macularia</i>	Spotted Sandpiper	S2	TRKD
<i>Limnothlypis swainsonii</i>	Swainson's Warbler	S2	SPCO
<i>Egretta tricolor</i>	Tricolor Heron	S2	SPCO
<i>Bartramia longicauda</i>	Upland Sandpiper	S1	THR
<i>Empidonax flaviventris</i>	Yellow-Bellied Flycatcher	S1	SPCO
<i>Nyctanassa violacea</i>	Yellow-Crowned Night-heron	S2S3	SPCO
<i>Neotoma magister</i>	Allegheny Woodrat	S3	TRKD
<i>Peromyscus gossypinus</i>	Cotton Mouse	S3	TRKD
<i>Glaucomys sabrinus coloratus</i>	Carolina Northern Flying Squirrel	S1	END
<i>Corynorhinus rafinesquii</i>	Eastern Big-Eared Bat	S2	END
<i>Myotis leibii</i>	Eastern Small-Footed Bat	S1	TRKD
<i>Sciurus niger</i>	Fox Squirrel	S3	TRKD
<i>Myotis grisescens</i>	Gray Bat	S1S2	END
<i>Myotis sodalis</i>	Indiana Bat	S1	END
<i>Mustela nivalis</i>	Least Weasel	S3	TRKD
<i>Sorex dispar</i>	Long-Tailed Shrew	S3	TRKD
<i>Lontra canadensis</i>	River Otter	S4	SPCO
<i>Lepus americanus</i>	Snowshoe Hare	S1	END
<i>Microtus chrotorrhinus carolinensis</i>	Southern Rock Vole	S1	END
<i>Sorex palustris punctulatus</i>	Southern Water Shrew	S1S2	END
<i>Corynorhinus townsendii virginianus</i>	Virginia Big-Eared Bat	S1	END
<i>Glaucomys sabrinus fuscus</i>	Virginia Northern Flying Squirrel	S1	END
<i>Lampropeltis getula nigra</i>	Black Kingsnake	S2	TRKD
<i>Glyptemys muhlenbergii</i>	Bog Turtle	S2	END
<i>Trachemys scripta troostii</i>	Cumberland Slider	S1	TRKD
<i>Apalone spinifera</i>	Spiny Softshell	S2	TRKD
<i>Graptemys geographica</i>	Map Turtle	S2S3	TRKD
<i>Virginia valeriae pulchra</i>	Mountain Earthsnake	S1	SPCO
<i>Pituophis melanoleucus</i>	Pine Snake	S1S3	TRKD
<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S1S3	TRKD
<i>Liochloropis vernalis</i>	Smooth Green Snake	S3	TRKD
<i>Sternotherus minor</i>	Stripeneck Musk Turtle	S2	TRKD
<i>Pseudanophthalmus rotundatus</i>	A Ground Beetle	S1	TRKD
<i>Pseudanophthalmus sp. 4</i>	A Ground Beetle	S1	TRKD

Scientific Name	Common Name	State Rank	State Status
<i>Pseudanophthalmus</i> sp. 5	A Ground Beetle	S1	TRKD
<i>Pseudanophthalmus</i> sp. 6	A Ground Beetle	S1	TRKD
<i>Pseudanophthalmus</i> sp. 9	A Ground Beetle	S1	TRKD
<i>Pseudanophthalmus</i> sp. 10	A Ground Beetle	S1	TRKD
<i>Rhadine caudata</i>	A Ground Beetle	S3	TRKD
<i>Brachoria cedra</i>	A Millipede	S1	TRKD
<i>Euchlaena milnei</i>	A Moth	S2	TRKD
<i>Pseudosinella hirsuta</i>	A Springtail	S1	TRKD
<i>Cicindela ancocisconensis</i>	A Tiger Beetle	S2	TRKD
<i>Paravitrea septadens</i>	Brown Supercoil	S1	THR
<i>Erota laeta</i>	Early Hairstreak	S3	TRKD
<i>Callophrys irus</i>	Frosted Elfin	S2?	TRKD
<i>Autochton cellus</i>	Golden-Banded Skipper	S3	TRKD
<i>Pseudanophthalmus holsingeri</i>	Holsinger's Cave Beetle	S1	END
<i>Pseudanophthalmus longiceps</i>	Long-Headed Cave Beetle	S1	TRKD
<i>Glyphyalinia raderi</i>	Maryland Glyph	S1S2	SPCO
<i>Erynnis martialis</i>	Mottled Dusky Wing	S1S3	TRKD
<i>Euchloe olympia</i>	Olympia Marble	S2S3	TRKD
<i>Catocala dulciola</i>	Quite Underwing	S1S3	TRKD
<i>Helicodiscus diadema</i>	Shaggy Coil	S1	END
<i>Dryobius sexnotatus</i>	Six-banded Longhorn Beetle	S1S3	TRKD
<i>Pyrgus wyandot</i>	Southern Grizzled Skipper	S1S2	THR

**State rank:** S1 = Critically imperiled; S2 = Imperiled; S3 = Vulnerable; S4 = Apparently secure; S#S# = Occurrence numbers are uncertain; ? = Inexact numeric rank; SH = Historically reported from the state, but no recent records of this species are known; SNR = State not ranked; SX = Presumed extirpated

**State status:** END = Endangered; EXTI = Extirpated; NOST = No status; NMGT = Deemed in need of management; POTL = Potential; this species is being considered for listing but has no formal state status; SLNS = State listed, no status; SPCO = Species of concern; THR = Threatened; TRKD = Species having no official status but having a state rank of or combination of S1-S3 indicating a rare species

Table K-8. Federally Listed Aquatic Species Within the TVA Region

Scientific Name	Common Name	Federal Status
<i>Cumberlandia monodonta</i>	Spectaclecase	C
<i>Glyphopsyche sequatchie</i>	Owen Spring Limnephilid Caddisfly	C
<i>Lexingtonia dolabelloides</i>	Slabside Pearlymussel	C
<i>Moxostoma</i> sp. 2	Sicklefin Redhorse	C
<i>Noturus crypticus</i>	Chucky Madtom	C
<i>Phoxinus saylori</i>	Laurel Dace	C

Scientific Name	Common Name	Federal Status
<i>Plethobasus cyphyus</i>	Sheepnose	C
<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	C
<i>Quadrula cylindrica cylindrica</i>	Rabbitsfoot	C
<i>Villosa fabalis</i>	Rayed Bean	C
<i>Alasmidonta raveneliana</i>	Appalachian Elktoe	LE
<i>Athearnia anthonyi</i>	Anthony's River Snail	LE
<i>Campeloma decampi</i>	Slender Campeloma	LE
<i>Cyprogenia stegaria</i>	Fanshell	LE
<i>Dromus dromas</i>	Dromedary Pearlymussel	LE
<i>Epioblasma brevidens</i>	Cumberland Combshell	LE
<i>Epioblasma capsaeformis</i>	Oyster Mussel	LE
<i>Epioblasma florentina walkeri</i>	Tan Riffleshell	LE
<i>Epioblasma obliquata obliquata</i>	Purple Catspaw	LE
<i>Epioblasma torulosa gubernaculum</i>	Green Blossom Pearlymussel	LE
<i>Epioblasma torulosa torulosa</i>	Tubercled Blossom Pearlymussel	LE
<i>Epioblasma turgidula</i>	Turgid Blossom Pearlymussel	LE
<i>Etheostoma marmorinnum</i>	Marbled Darter	LE
<i>Etheostoma percnurum</i>	Duskytail Darter	LE
<i>Etheostoma sitikuense</i>	Citico Darter	LE
<i>Etheostoma wapiti</i>	Boulder Darter	LE
<i>Fusconaia cor</i>	Shiny Pigtoe Pearlymussel	LE
<i>Fusconaia cuneolus</i>	Fine-Rayed Pigtoe	LE
<i>Hemistena lata</i>	Cracking Pearlymussel	LE
<i>Lampsilis abrupta</i>	Pink Mucket	LE
<i>Lampsilis virescens</i>	Alabama Lampmussel	LE
<i>Lemiox rimosus</i>	Birdwing Pearlymussel	LE
<i>Notropis albizonatus</i>	Palezone Shiner	LE
<i>Noturus baileyi</i>	Smoky Madtom	LE
<i>Noturus stanauli</i>	Pygmy Madtom	LE
<i>Obovaria retusa</i>	Ring Pink	LE
<i>Palaemonias alabamae</i>	Alabama Blind Cave Shrimp	LE
<i>Pegias fabula</i>	Little-Wing Pearlymussel	LE
<i>Plethobasus cicatricosus</i>	White Wartyback	LE
<i>Plethobasus cooperianus</i>	Orange-Foot Pimpleback	LE
<i>Pleurobema clava</i>	Clubshell	LE

Scientific Name	Common Name	Federal Status
<i>Pleurobema gibberum</i>	Cumberland Pigtoe	LE
<i>Pleurobema plenum</i>	Rough Pigtoe	LE
<i>Potamilus capax</i>	Fat Pocketbook	LE
<i>Pyrgulopsis ogmorhaphe</i>	Royal Marstonia	LE
<i>Pyrgulopsis pachyta</i>	Armored Marstonia	LE
<i>Quadrula cylindrica strigillata</i>	Rough Rabbitsfoot	LE
<i>Quadrula intermedia</i>	Cumberland Monkeyface	LE
<i>Quadrula sparsa</i>	Appalachian Monkeyface	LE
<i>Scaphirhynchus albus</i>	White Sturgeon	LE
<i>Speoplatyrhinus poulsoni</i>	Alabama Cavefish	LE
<i>Toxolasma cylindrellus</i>	Pale Lilliput	LE
<i>Villosa perpurpurea</i>	Purple Bean	LE
<i>Villosa trabalis</i>	Cumberland Bean	LE
<i>Anguispira picta</i>	Painted Snake Coiled Forest Snail	LT
<i>Erimonax monachus</i>	Spotfin Chub	LT
<i>Erimystax cahni</i>	Slender Chub	LT
<i>Etheostoma boschungi</i>	Slackwater Darter	LT
<i>Mesodon clarki nantahala</i>	Noonday Globe	LT
<i>Noturus flavipinnis</i>	Yellowfin Madtom	LT
<i>Percina tanasi</i>	Snail Darter	LT
<i>Phoxinus cumberlandensis</i>	Blackside Dace	LT

C= Candidate; LE= Listed endangered; LT= Listed threatened

Table K-9. Federally Listed Terrestrial Animal Species Within the TVA Region

Scientific Name	Common Name	Federal Status	Ecoregion
<b>Mammals</b>			
<i>Glaucomys sabrinus coloratus</i>	Carolina Northern Flying Squirrel	LE	BR
<i>Puma concolor couguar</i>	Eastern Cougar	LE	BR
<i>Myotis griseescens</i>	Gray Bat	LE	BR, CA, IP, IRVH, RV, SP, SA
<i>Myotis sodalis</i>	Indiana Bat	LE	BR, CA, IP, IRVH, MAP, RV, SP, SA
<i>Ursus americanus luteolus</i>	Louisiana Black Bear	LT	SP
<i>Corynorhinus townsendii virginianus</i>	Virginia Big-Eared Bat	LE	BR, RV
<b>Birds</b>			
<i>Vermivora bachmanii</i>	Bachman's Warbler	LE	IP, RV

Scientific Name	Common Name	Federal Status	Ecoregion
<i>Haliaeetus leucocephalus</i>	Bald Eagle	PROT	BR, CA, IP, IRVH, MAP, RV, SP, SA
<i>Sterna antillarum athalassos</i>	Interior Least Tern	LE	IRVH, MAP
<i>Charadrius melanotos</i>	Piping Plover	LT/LE	BR, IP, RV
<i>Picoides borealis</i>	Red-Cockaded Woodpecker	LE	IP, RV, SP, SA
<i>Grus americana</i>	Whooping Crane	LE	SA, IP
<i>Mycteria americana</i>	Wood Stork	LE	IP
<b>Amphibians</b>			
<i>Necturus alabamensis</i>	Black Warrior Waterdog	C	SA
<b>Reptiles</b>			
<i>Pituophis melanoleucus lodingi</i>	Black Pine Snake	C	
<i>Glyptemys muhlenbergii</i>	Bog Turtle	LT	BR
<i>Sternotherus depressus</i>	Flattened Musk Turtle	LT	RV, SA
<i>Graptemys oculifera</i>	Ringed Map Turtle	LT	MAP, SP
<i>Graptemys flavimaculata</i>	Yellow-Botched Map Turtle	LT	SP
<b>Invertebrates</b>			
<i>Pseudanophthalmus inexpectatus</i>	A Cave Beetle	C	IP
<i>Nicrophorus americanus</i>	American Burying Beetle	LE	IP
<i>Pseudanophthalmus insularis</i>	Baker Station Cave Beetle	C	IP
<i>Pseudanophthalmus colemaniensis</i>	Coleman Cave Beetle	C	IP
<i>Pseudanophthalmus fowlerae</i>	Fowler's Cave Beetle	C	IP
<i>Pseudanophthalmus holsingeri</i>	Holsinger's Cave Beetle	C	RV
<i>Pseudanophthalmus inquisitor</i>	Inquirer Cave Beetle	C	IP
<i>Pseudanophthalmus tiesias</i>	Indiana Cave Point Cave Beetle	C	IP
<i>Neonympha mitchellii</i>	Mitchell's Satyr	LE	SP
<i>Pseudanophthalmus paulus</i>	Noblett's Cave Beetle	C	RV
<i>Mesodon clarki nantahala</i>	Noonday Globe	LT	BR
<i>Somatochlora hineana</i>	Ohio Emerald Dragonfly	LE	SA
<i>Anguispira picta</i>	Painted Snake Coiled Forest Snail	LT	SA
<i>Microhexura montivaga</i>	Spruce-Fir Moss Spider	LE	BR

**Federal status abbreviations:** C = Candidate; LE = Listed endangered; LT = Listed threatened

**Ecoregion abbreviations:** BR = Blue Ridge, CA = Central Appalachians, IP = Interior Plateau, IRVH = Interior River Valley and Hills, MAP = Mississippi Alluvial Plain, RV = Ridge and Valley, SA = Southwestern Appalachians, SP = Southeastern Plains

**Table K-10. Federally Listed Terrestrial Animal Species Known From TVA-Managed Lands or Reservoirs**

Facility	Terrestrial Animal Species				
	Bald Eagle	Interior Least Tern	Piping Plover	Gray Bat	Indiana Bat
Allen Fossil Plant	X	X			
Bull Run Fossil Plant	+			X	+
Colbert Fossil Plant	+		X	X	
Cumberland Fossil Plant	X			+	+
Gallatin Fossil Plant	X			X	
John Sevier Fossil Plant	X			X	+
Johnsonville Fossil Plant	X			X	
Kingston Fossil Plant	X		X	+	
Paradise Fossil Plant					+
Shawnee Fossil Plant		+			X
Widow's Creek Fossil Plant	X			X	+
Browns Ferry Nuclear Plant	X			X	
Sequoyah Nuclear Plant	X			+	
Watts Bar Nuclear Plant	X			+	
Raccoon Mountain Pumped Storage Plant	X			X	
Apalachia Reservoir	+				
Bear Creek Project Reservoirs	X			X	+
Beech River Project Reservoirs	+			+	+
Blue Ridge Reservoir					
Boone Reservoir				X	
Cedar Creek Reservoir				+	+
Clear Creek Reservoir					
Chatuge Reservoir	+		X		
Cherokee Reservoir	X			X	+
Chickamauga Reservoir	X		X	X	
Douglas Reservoir	X			X	+
Fontana Reservoir	X				X
Fort Loudoun Reservoir	X			X	
Great Falls Reservoir	+				
Guntersville Reservoir	X			X	X
Hiwassee Reservoir	+				+
Kentucky Reservoir	X			X	X
Melton Hill Reservoir	X			X	+
Nickajack Reservoir	X			X	X
Nolichucky Reservoir	+			X	+
Normandy Reservoir	+			X	
Norris Reservoir	X			X	X
Nottely Reservoir			X		
Ocoee Reservoirs	X				+
Pickwick Reservoir	X			X	X
South Holston					
Tellico Reservoir	X			X	+
Tims Ford Reservoir	X			X	+
Upper Bear Creek Reservoir	+			X	+
Watauga Reservoir					

Facility	Terrestrial Animal Species				
	Bald Eagle	Interior Least Tern	Piping Plover	Gray Bat	Indiana Bat
Watts Bar Reservoir	X			X	
Wheeler Reservoir	X			X	
Wilbur Reservoir					
Wilson Reservoir	X			X	
Buffalo Mountain Wind Farm					

Species that have been encountered at or adjacent to these sites are indicated with an X. Species that are likely to occur in the area based upon the presence of suitable habitat are indicated with a +.

**Table K-11. Critically Imperiled Globally Ranked Plant Communities (G1) Found Within Rare or Uncommon Ecosystems and Associated Ecoregion**

G1 Rank Plant Community and Physiognomic Vegetation Classification	Rare or Uncommon Ecosystem	Ecoregion
<b>Evergreen Forests, Woodland, and Shrublands</b>		
Fraser Fir Forest (Deciduous Shrub Type)	Spruce-Fir (NC, TN)	BR
Fraser Fir / (Catawba Rosebay, Carolina Azalea) Forest	Spruce-Fir (NC, TN)	BR
Fraser Fir / Hobblebush / Mountain Woodfern - Mountain Woodsorrel / Stairstep Moss Forest	Spruce-Fir (NC, TN, VA)	BR
Red Spruce - (Fraser Fir) / (Catawba Rosebay, Great Laurel) Forest	Spruce-Fir (NC, TN)	BR
Red Spruce / Skunk Currant Forest	Spruce-Fir (NC, TN?, VA?)	BR
Carolina Hemlock Forest (Mesic Type)	(NC, TN)	BR
Southern Appalachian Pitch Pine Bog Forest	Appalachian Bog, Fen, Seep (GA, NC)	BR
Southern Appalachian Northern White-Cedar Slope Woodland	(KY?, TN, VA)	RV, IP, BR
Southern Appalachian Heath Bald	(NC, TN)	BR
Heath Bald (Southern Mixed Type)	(NC, TN)	BR
Southern Appalachian Sand-Myrtle Heath Bald	(GA?, NC, TN)	BR
<b>Deciduous Forests, Woodlands, Shrublands</b>		
Water Tupelo Sinkhole Pond Swamp	Bottomland Hardwood (TN)	IP
Swamp Tupelo / Common Buttonbush - Shining Fetterbush Sagpond Forest	Bottomland Hardwood (AL, GA, TN)	RV, SA
Sinking Pond Overcup Oak Swamp	Bottomland Hardwood (TN)	IP
Highland Rim Upland Depression Flatwoods	Bottomland Hardwood (TN)	IP
Upper East Gulf Calcareous Bluff Forest	(AL, MS)	MAP
Montane Floodplain Slough Forest	(NC, TN?)	BR

<b>G1 Rank Plant Community and Physiognomic Vegetation Classification</b>	<b>Rare or Uncommon Ecosystem</b>	<b>Ecoregion</b>
Southern Appalachian Beech Gap (South Slope Sedge Type)	(NC, TN, VA?)	BR
Southern Appalachian Beech Gap (North Slope Tall Herb Type)	(GA?, NC, TN, VA?)	BR
Southern Crowley's Ridge Dry-Mesic Oak Forest	(MS, TN?)	MAP
Southern Crowley's Ridge Dry Post Oak Forest	(MS, TN?)	MAP
Appalachian Calcareous Oak — Walnut Forest	(NC, VA?)	BR
Southern BR Ultramafic Outcrop Barrens (Deciduous Forest Type)	Prairies, Grasslands, Barrens (NC)	BR
Southern BR Mafic Woodland Seep	Appalachian Bog, Fen, Seep (NC, VA)	BR
Alabama Ketona Dolomite Woodland	(AL)	SA
Chinkapin Oak / Prairie Willow / Rattlesnake-Master Woodland	(VA)	RV
Ridge-and-Valley Calcareous Shrubby Fen / Seep	App Bog, Fen, Seep (VA)	RV
Bushy St. John's-Wort — Hazel Alder / AL Warbonnet — TN Yellow-Eyed-Grass Shrubland	Bottomland Hardwood (AL)	IP
Bushy St. John's-Wort — Hazel Alder / Eastern Gammagrass Shrubland	Bottomland Hardwood (AL)	IP
Southern Appalachian Alder Bald	(NC, TN)	BR
Montane Buttonbush Pond	Appalachian Bog, Fen, Seep (VA)	BR
Moulton Valley Buttonbush Pond	Bottomland Hardwood (AL, TN)	SA
<b>Mixed Evergreen-Deciduous Forests, Woodlands, Shrublands</b>		
Southern Loess Hills Hardwood — Pine Forest	(MS)	MAP
Red Spruce — Northern Hardwood Forest (Shrub Type)	Spruce-Fir (NC?, TN, VA?)	BR
Southern Appalachian Pitch Pine Bog Forest	Appalachian Bog, Fen, Seep (GA, TN)	BR
East Gulf Coastal Plain Shortleaf Pine — Post Oak	(AI, GA?, MS, TN?)	SP
Eastern Hemlock / Catawba Rhododendron Forest	(VA)	BR
Cumberland Plateau Mesic Hemlock — Hardwood Forest	(AL)	SA
Southern BR Ultramafic Outcrop Barrens (Pitch Pine Woodland Type)	(NC, TN)	BR

<b>G1 Rank Plant Community and Physiognomic Vegetation Classification</b>	<b>Rare or Uncommon Ecosystem</b>	<b>Ecoregion</b>
Southern BR Ultramafic Woodland (Prairie Type)	(TN, VA)	BR
Low-Elevation BR Serpentine Woodland	(GA, NC)	BR
Southern BR Mafic Woodland Seep	Appalachian Bog, Fen, Seep (NC?, VA)	BR
Southern Appalachian Shrub Bog (Typic Type)	Appalachian Bog, Fen, Seep (NC, TN?, VA?)	BR
Southern Appalachian Low Mountain Seepage Bog	Appalachian Bog, Fen, Seep (AL, GA, NC, TN?)	BR, SA
Southern Appalachian Bog (Low-Elevation Type)	Appalachian Bog, Fen, Seep (GA, NC, TN, VA)	BR
Southern Appalachian Ultramafic Fen (Tall Herb Type)	Appalachian Bog, Fen, Seep (VA)	BR
Southern Appalachian Fen (Muck Type)	Appalachian Bog, Fen, Seep (NC, VA)	BR
Southern Appalachian Bog (French Broad Valley Type)	Appalachian Bog, Fen, Seep (NC, TN?)	BR
Southern Appalachian Shrub Bog (Long Hope Valley Type)	Appalachian Bog, Fen, Seep (NC, VA)	BR
<b>Herbaceous Grassland (Perennial Graminoid) Vegetation</b>		
Highland Rim Wet-Mesic Prairie	Prairie, Grasslands, Barrens (TN, MS)	IP, SP
Kentucky Mesic Tallgrass Prairie	Prairie, Grasslands, Barrens (KY, TN)	IP
Grassy Bald (Sedge Type)	Prairie, Grasslands, Barrens (NC, TN)	BR
Grassy Bald (Southern Grass Type)	Prairie, Grasslands, Barrens (NC, TN, VA)	BR
Southern BR Mafic Barrens	Prairie, Grasslands, Barrens (VA)	BR
Highland Rim Dry-Mesic Prairie	Prairie, Grasslands, Barrens (TN)	IP
Southern Appalachian Ultramafic Barrens	Prairie, Grasslands, Barrens (VA)	RV
Black Belt Prairie	Prairie, Grasslands, Barrens (AL, MS, TN)	SP
Mississippi Jackson Calcareous Clay Prairie	Prairie, Grasslands, Barrens (AL, MS)	SP
Kentucky Prairie Cordgrass Marsh	Prairie, Grasslands, Barrens (KY, TN,)	IP

<b>G1 Rank Plant Community and Physiognomic Vegetation Classification</b>	<b>Rare or Uncommon Ecosystem</b>	<b>Ecoregion</b>
High-Elevation Greenstone Barrens	Prairie, Grasslands, Barrens (TN, VA)	BR
Southern Appalachian Herb Bog (Long Hope Valley Type)	Appalachian Bog, Fen, Seep (NC)	BR
Southern Appalachian Herb Bog (Typic Type)	Appalachian Bog, Fen, Seep (NC, TN?, VA?)	BR
Southern Appalachian Herb Bog (Low-Elevation Type)	Appalachian Bog, Fen, Seep (GA, TN, VA)	BR
Cumberland Plateau Wet Sandstone Cliff	App Bog, Fen, Seep (AL, TN?, KY?)	SA
Southern Appalachian Ultramafic Fen (Short Graminoid Type)	Appalachian Bog, Fen, Seep (NC?, VA)	BR
Highland Rim Parnassia Seepage Fen	Appalachian Bog, Fen, Seep (KY, TN)	IP
Appalachian Calcareous Artesian Seepage Fen	Appalachian Bog, Fen, Seep (TN)	BR
BR High-Elevation Seep (Mount Le Conte Type)	Appalachian Bog, Fen, Seep (TN)	BR
Southern Appalachian Ultramafic Fen	Appalachian Bog, Fen, Seep (NC)	BR
Interior Highland Maidencane Pond	Appalachian Bog, Fen, Seep (TN)	IP
Southern Appalachian Montane Upland Pool	Appalachian Bog, Fen, Seep (GA, NC, TN, VA)	BR
Southern Appalachian High-Elevation Mafic Glade	Cedar Glades (NC, TN?, VA)	BR
Alabama Ketona Dolomite Glade	Cedar Glade (AL)	SA
<b>Herbaceous (Perennial Forb) Vegetation</b>		
Doe River Gorge Seepage Cliff	Appalachian Bog, Fen, Seep (TN)	BR
Broadleaf Cattail — Yellow Marsh-Marigold Herbaceous Vegetation	Appalachian Bog, Fen, Seep (VA)	BR
Highland Rim Pond (Pickerelweed — Arrowhead Type)	Appalachian Bog, Fen, Seep (TN)	IP
Southern Appalachian High-Elevation Rocky Summit (Anakeesta Type)	(TN)	BR
Southern Appalachian High-Elevation Rocky Summit (High Peak Type)	(NC, TN)	BR
Southern Appalachian High-Elevation Rocky Summit (Little Bluestem Type)	(NC, TN)	BR
Low-Elevation Rocky Summit (Basic Type)	(GA?, NC)	BR

<b>G1 Rank Plant Community and Physiognomic Vegetation Classification</b>	<b>Rare or Uncommon Ecosystem</b>	<b>Ecoregion</b>
Low-Elevation Basic Glade (Montane Type)	(NC, VA?)	BR
<b>Consolidated Rock Sparse Vegetation</b>		
Southern Appalachian Limestone Sinkhole	(AL, TN)	SA
Appalachian Montane Mafic Cliff (Mid- to High-Elevation Type)	(NC, TN)	BR

**State abbreviations:** AL = Alabama; GA = Georgia; KY = Kentucky; MS = Mississippi; NC = North Carolina; TN = Tennessee; VA = Virginia

**Ecoregion abbreviations:** BR = Blue Ridge; CA = Central Appalachians; IP = Interior Plateau; IRVH = Interior River Valley and Hills; MAP = Mississippi Alluvial Plain; RV = Ridge and Valley; SA = Southwestern Appalachians; SP = Southeastern Plains

**Table K-12. Federally Listed Plant Species Within the TVA Region**

<b>Scientific Name</b>	<b>Common Name</b>	<b>Federal Status</b>	<b>Ecoregion</b>
<i>Clematis socialis</i>	Alabama Leather Flower	LE	RV
<i>Thelypteris pilosa</i> var. <i>alabamensis</i>	Alabama Streak-Sorus Fern	LT	SA
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	American Hart's-Tongue Fern	LT	RV, SA
<i>Sagittaria secundifolia</i>	Arrowhead	LT	RV, SA
<i>Solidago spithamea</i>	Blue Ridge Goldenrod	LT	BR
<i>Narthecium americanum</i>	Bog Asphodel	C	BR
<i>Arabis perstellata</i>	Braun's Rock-Cress	LE	IP
<i>Sagittaria fasciculata</i>	Bunched Arrowhead	LE	BR
<i>Schwalbea americana</i>	Chaffseed	LE	
<i>Conradina verticillata</i>	Cumberland Rosemary	LT	SA
<i>Minuartia cumberlandensis</i>	Cumberland Sandwort	LE	SA
<i>Helianthus eggertii</i>	Eggert's Sunflower	DM	IP, SA, IRVH
<i>Leavenworthia crassa</i>	Fleshy-Fruit Gladecress	C	IP, SA
<i>Sympyotrichum georgianum</i>	Georgia Aster	C	RV, SA
<i>Arabis georgiana</i>	Georgia Rock-Cress	C	IP, RV
<i>Sarracenia oreophila</i>	Green Pitcher Plant	LE	BR, RV, SA
<i>Ptilimnium nodosum</i>	Harperella	LE	RV, SA
<i>Liatris helleri</i>	Heller's Blazing Star	LT	BR
<i>Scutellaria montana</i>	Large-Flowered Skullcap	LT	RV, SA
<i>Dalea foliosa</i>	Leafy Prairie-Clover	LE	IP, SA
<i>Lesquerella lyrata</i>	Lyre-Leaf Bladderpod	LT	IP
<i>Marshallia mohrii</i>	Mohr's Barbara's Buttons	LT	RV, SA
<i>Platanthera integrilabia</i>	Monkey-Face Orchid	C	BR, SA, SP
<i>Clematis morefieldii</i>	Morefield's Leather-Flower	LE	IP, SA
<i>Hedyotis purpurea</i> var. <i>montana</i>	Mountain Bluet	LE	BR
<i>Sarracenia jonesii</i>	Mountain Sweet Pitcher-Plant	LE	BR
<i>Trillium persistens</i>	Persistent Trillium	LE	BR
<i>Lindera melissifolia</i>	Pondberry	LE	MAP
<i>Apios priceana</i>	Price's Potato-Bean	LT	IP, IRVH, SA, SP
<i>Astragalus bibullatus</i>	Pyne's Ground Plum	LE	IP
<i>Sisyrinchium dichotomum</i>	Reflexed Blue-Eyed Grass	LE	BR
<i>Gymnoderma lineare</i>	Rock Gnome Lichen	LE	BR
<i>Pityopsis ruthii</i>	Ruth's Golden Aster	LE	BR

Scientific Name	Common Name	Federal Status	Ecoregion
<i>Lesquerella globosa</i>	Shorts Bladderpod	C	IP
<i>Isotria medeoloides</i>	Small Whorled Pogonia	LT	BR, SA, CA
<i>Echinacea laevigata</i>	Smooth Coneflower	LE	RV
<i>Geum radiatum</i>	Spreading Avens	LE	BR
<i>Lesquerella perforata</i>	Spring Creek Bladderpod	LE	IP
<i>Helonias bullata</i>	Swamp-Pink	LT	BR
<i>Echinacea tennesseensis</i>	Tennessee Coneflower	LE	IP
<i>Betula uber</i>	Virginia Round-Leaf Birch	LT	RV
<i>Spiraea virginiana</i>	Virginia Spiraea	LT	BR, SA, CA
<i>Helianthus verticillatus</i>	Whorled Sunflower	C	RV, SP
<i>Xyris tennesseensis</i>	Yellow-Eyed-Grass	LE	IP, RV, SP

**Status abbreviations:** C = Candidate; DM = Delisted, in need of management; LE = Endangered; LT = Threatened

**Ecoregion abbreviations:** BR = Blue Ridge; CA = Central Appalachians; IP = Interior Plateau; IRVH = Interior River Valley and Hills; MAP = Mississippi Alluvial Plain; RV = Ridge and Valley; SA = Southwestern Appalachians; SP = Southeastern Plains.