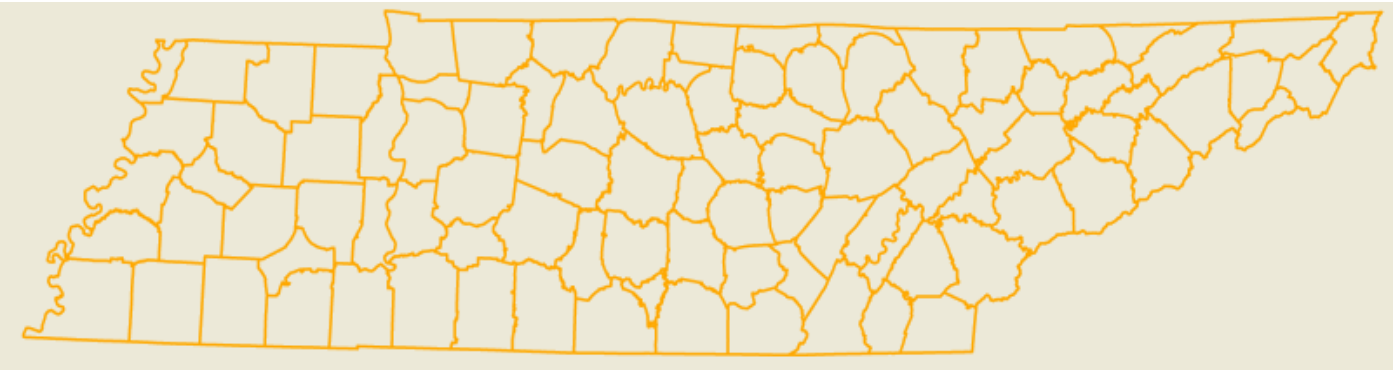
Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties



This document provides lists of rare species known to occur within each of Tennessee's counties.

If you are viewing the list in its original digital format and you have an internet connection, you may click the scientific names to search the NatureServe Explorer Encyclopedia of Life for more detailed species information.

The following lists were last updated in July 2009 and are based on rare species observations stored in the Tennessee Natural Heritage Biotics Database maintained by the TDEC Natural Heritage Program. For definitions of ranks and protective status, or for instructions on obtaining a site specific project review, please visit our website:

http://state.tn.us/environment/na/data.shtml

If you need assistance using the lists or interpreting data, feel free to contact us:

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The lists provided are intended for use as planning tools. Because many areas of the state have not been searched for rare species, the lists should not be used to determine the absence of rare species. The lists are best used in conjunction with field visits to identify the types of rare species habitat that may be present at a given location. For projects that are located near county boundaries or are in areas of the state that have been under-surveyed (particularly in western Tennessee), we recommend that you check rare species lists for adjacent counties or watersheds as well.

In Tennessee, TDEC assumes the role for listing rare plants while the Tennessee Wildlife Resources Agency (TWRA) is responsible for listing rare animal species. Both TDEC and TWRA purchase lands to conserve rare species. TWRA also enforces laws regulating the impacts to rare animals. Land disturbance and water quality permits from federal, state, and some local agencies often include specific requirements protective of both rare plant and animal species. Potential impacts to rare species are also evaluated during the consideration process for state and federal grants. Finally, the US Fish and Wildlife Service is responsible for enforcement of the Endangered Species Act which protects federally listed plants and animals.

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Anderson County — Known Species: 73

Invertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amergoniscus nicholasi	A Cave Obligate Isopod	S1S2	G1G2	--	--
	Terrestrial cave obligate; known from two caves; Western Highland Rim and Ridge & Valley.				
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Cambarus deweesae	Valley Flame Crayfish	S1	G4	E	--
	Primary burrower; open areas with high water tables; northern Ridge & Valley.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lampsilis virescens	Alabama Lampmussel	S1	G1	E	LE
	Found in sand and gravel substrates in shoal areas of small-medium size rivers; middle and upper TN R system; poss extirpated in TN.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				

Anderson County . . . Continued — Known Species: 73

Invertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudanophthalmus paynei	Payne's Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; northern Ridge & Valley; reported from Anderson County.				
Pseudanophthalmus pusillus	Tiny Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Pseudanophthalmus wallacei	Wallace's Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Ridge & Valley; Anderson County.				

Nonvascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Homaliadelphus sharpii	Sharp's Homaliadelphus	S1	G3?	E	--
	Calcareous Or Dolomite Bluffs				
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				
Palamocladium leskeoides		S1	G3G5	T	--
	Seepy Limestone Cliffs And Bluffs				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Delphinium exaltatum	Tall Larkspur	S2	G3	E	--
	Glades And Barrens				
Diervilla lonicera	Northern Bush-honeysuckle	S2	G5	T	--
	Rocky Woodlands And Bluffs				
Draba ramosissima	Branching Whitlow-grass	S2	G4	S	--
	Calcareous Bluffs				
Elodea nuttallii	Nuttall's Waterweed	S2	G5	S	--
	Aquatic; Streams And Ponds				
Epilobium ciliatum	Hairy Willow-herb	S1	G5	T	--
	Mountain Balds				
Fothergilla major	Mountain Witch-alder	S2	G3	T	--
	Rocky Slopes And River Banks				

Anderson County . . . Continued — Known Species: 73

Vascular Plants: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Iris fulva	Copper Iris Bottomlands	S2	G5	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Pycnanthemum torrei	Torrey's Mountain-mint Barrens	S1	G2	S	--
Silphium wasiotense	Kentucky Rosinweed Moist Slopes	S2	G3	E	--
Solidago ptarmicoides	Prairie Goldenrod Barrens	S1S2	G5	E	--
Sullivantia sullivantii	Sullivantia Moist Shaded Cliffs	S1	G4	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--

Vertebrate Animals: 25		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--

Anderson County . . . Continued — Known Species: 73

Vertebrate Animals: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Desmognathus welteri	Black Mountain Salamander	S3	G4	D	--
	Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.				
Erimonax monachus	Spotfin Chub	S2	G2	T	LT,XN, PXN
	Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.				
Erimystax cahni	Slender Chub	S1	G1	T	LT
	Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.				
Etheostoma baileyi	Emerald Darter	S2	G4G5	D	--
	Creeks and small rivers with riffles containing gravel or rubble; upper Cumberland drainage.				
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Noturus flavipinnis	Yellowfin Madtom	S1	G1	E	LT,XN
	Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				

Anderson County . . . Continued — Known Species: 73

Vertebrate Animals: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Anderson --

Bedford County — Known Species: 36

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Nashville Basin Limestone Glade	Nashville Basin Limestone Glade, Barrens, and Woodland	SNR	GNR	--	--

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dalea foliosa - Mecardonia acuminata - Mitreola petiolata Herbaceous Vegetation	Limestone Glade Streamside Meadow	S2?	G2?	--	--
Eleocharis compressa - Schoenolirion croceum - Carex crawei - Allium cernuum Herbaceous Vegetation	Central Basin Limestone Seep Glade	SNR	G2?	--	--

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gomphus sandrius	Tennessee Clubtail	S1	G1	--	--
	Slow streams with bare bedrock shores; Central Basin; upper Duck River and middle Cumberland River watersheds.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Obovaria subrotunda	Round Hickorynut	S2S3	G4	--	--
	Medium-large rivers in sand and gravel subst with moderate flow; TN & Cumb rivers; also Red River in Robertson Co., W Highland Rim.				

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Anemone caroliniana	Carolina Anemone	S1S2	G5	E	--
	Glades And Cedar Woodlands				
Arnoglossum plantagineum	Fen Indian-plantain	S2	G4G5	T	--
	Moist Prairies And Marshes				
Astragalus tennesseensis	Tennessee Milk-vetch	S3	G3	S	--
	Glades				
Dalea foliosa	Leafy Prairie-clover	S2S3	G2G3	E	LE
	Rocky Washes In Glades				
Leavenworthia exigua var. exigua	Glade-cress	S3	G4T3	S	--
	Glades				
Lesquerella densipila	Duck River Bladderpod	S3	G3	T	--
	Cultivated Fields				

Bedford County . . . Continued — Known Species: 36

Vascular Plants: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Oenothera macrocarpa	Missouri Primrose Limestone Cedar Glades	S2	G5	T	--
Polygala boykinii	Boykin's Milkwort Glades	S2	G4	T	--
Rosa virginiana	Virginia Rose Limestone Barrens And Swamps	SH	G5	S	--
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Trifolium calcaricum	Running Glade Clover Glades, Cedar Woods, And Thickets	S1	G1	E	--

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma denoncourti	Golden Darter Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.	S2	G2	--	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma striatulum	Striated Darter Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.	S1	G1	T	--
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Notropis rupestris	Bedrock Shiner Bedrock pools of some low-gradient streams of the Nashville Basin.	S2	G2	D	--

Bedford County . . . Continued — Known Species: 36

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				

-- End of Bedford --

Benton County — Known Species: 18

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Eryngium integrifolium	Blue-flower Coyote-thistle	S1	G5	T	--
	Wet Barrens				
Fuirena squarrosa	Hairy Umbrella-sedge	S1	G4G5	S	--
	Stream And Lake Margins				
Lysimachia fraseri	Fraser's Loosestrife	S2	G3	E	--
	Dry Open Woods				
Phlox pilosa ssp. ozarkana	Ozark Downy Phlox	S1S2	G5T4?	S	--
	Rocky, Dry Open Woods				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Egretta caerulea	Little Blue Heron	S2B,S3N	G5	D	--
	Bodies of calm shallow water; colonial nester.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				

Benton County . . . Continued — Known Species: 18

Vertebrate Animals: 9 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Benton --

Bledsoe County — Known Species: 35

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anthrobia mammouthia	Mammoth Cave spider	S1	G5	--	--
	Terrestrial cave obligate; reported from a handful of caves in the middle Cumberlands; Bledsoe, Grundy, & Van Buren counties.				
Caecidotea circulus	A Cave Obligate Isopod	S1	G1G2	--	--
	Aquatic cave obligate; Cumberland Plateau.				
Cambarus hamulatus	Prickly Cave Crayfish	S3	G3G4	--	--
	Aquatic cave obligate; Sequatchie Valley & southern Cumberlands.				
Cambarus pristinus	Pristine Crayfish	S2	G2	E	--
	Under cover in small-large size streams; headwaters of Caney Fork River & abutting Sequatchie River tributaries; Cumberland Plateau.				
Helicodiscus hexodon	Toothy Coil	S1	G1	--	--
	In leaf litter of forested hillsides; escarpment to Walden Ridge from Sequatchie Valley; Cumberland Plateau; Bledsoe County.				
Kleptochthonius charon	A Cave Obligate Pseudoscorpion	S1S2	G1G2	--	--
	Terrestrial cave obligate; Sequatchie Valley.				

Vascular Plants: 22		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis auriculata	Earleaved False-foxglove	S2	G3	E	--
	Barrens				
Amelanchier sanguinea	Roundleaf Shadbush	S2	G5	T	--
	Rocky Slopes And River Banks				
Calopogon oklahomensis	Oklahoma Grass-pink	SH	G4?	E-P	--
	Acidic Wet Barrens				
Drosera capillaris	Pink Sundew	S1	G5	T	--
	Acidic Wetlands				
Epilobium ciliatum	Hairy Willow-herb	S1	G5	T	--
	Mountain Balds				
Fimbristylis puberula	Hairy Fimbristylis	S1S2	G5	T	--
	Wet Prairies And Woods				
Helianthus occidentalis	Naked-stem Sunflower	S2	G5	S	--
	Limestone Glades And Barrens; Roadsides				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Lilium canadense	Canada Lily	S3	G5	T	--
	Rich Woods And Seeps				
Lilium michiganense	Michigan Lily	S3	G5	T	--
	Swamps And Open Wet Woods				
Listera australis	Southern Twayblade	S1S2	G4	E	--
	Wet-Mesic Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				

Bledsoe County . . . Continued — Known Species: 35

Vascular Plants: 22 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Poa saltuensis	Drooping Bluegrass Rich Oak Woods	S1	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Rhynchospora wrightiana	Wright's Beak-rush Wet Pine Barrens	SH	G5	E-P	--
Scutellaria montana	Large-flowered Skullcap Escarpments, Dry Woods	S2	G3	T	LT
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Viola tripartita var. tripartita	Three-parted Violet Wooded Slopes	S2S3	G5T3	S	--

Vertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--
Phoxinus saylori	Laurel Dace Cool 1st-2nd order streams with slabrock and rubble substrate; Walden Ridge of the Cumberland Plateau; Tennessee River watershed.	S1	G1	E	C
Sorex fumeus	Smoky Shrew Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.	S4	G5	D	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--

-- End of Bledsoe --

Blount County — Known Species: 90

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Appalachian Shale Barrens	Appalachian Shale Barrens	SNR	GNR	--	--

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Arundinaria gigantea ssp. gigantea Shrubland	Floodplain Canebreak	SNR	G2?	--	--
Pinus echinata / Schizachyrium scoparium Appalachian Woodland	Shortleaf Pine / Little Bluestem Appalachian Woodland	SNR	G2	--	--

Invertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Caecidotea incurva	Incurved Cave Isopod	S1	G2G4	--	--
	Aquatic cave obligate; known from two wet caves in east Tennessee.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Macromia margarita	Mountain River Cruiser	S2S3	G3	--	--
	Typically small mountain streams, usually rocky but with silt deposits; reported from Campbell & Blount counties.				
Nesticus barrowsi	A Cave Obligate Spider	S1S2	G1G2	--	--
	Terrestrial cave obligate; Appalachian Mountains.				
Ophiogomphus alleghaniensis	Allegheny Snaketail	S1	G3T2T3	--	--
	Riffle areas of spring-fed streams; Cumberland Plateau, Ridge & Valley, & Blue Ridge; not watershed specific.				
Pilsbryna aurea	Ornate Bud	S1	G1	--	--
	Deep, wet leaves of karstic forests & hills, near streams; assoc. with limestone/dolomite outcrops; Unicoi, Washington, & Blount cos.				
Stygobromus fecundus	A Cave Amphipod	S1	G1G2	--	--
	Aquatic cave obligate, from rimstone pools; Cades Cove; Great Smoky Mountains National Park.				
Stygobromus sparsus	A Cave Obligate Amphipod	S1	G4	--	--
	Aquatic cave obligate, from drip pools; Cades Cove; Great Smoky Mountains National Park.				
Trechus tonitru	A Carabid Beetle	S1	GNR	--	--
	Terrestrial; known only from summit of Thunderhead; high elevation; Great Smoky Mountains National Park; Blount County.				

Nonvascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lejeunea blomquistii	Blomquist Leafy Liverwort	S1S2	G1G2	S	--
	Mid Elev. Gorges On Rock Or Bark				
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				
Lophocolea appalachiana	A Liverwort	S1	G1G2Q	S	--
	Spray Cliffs				

Blount County . . . Continued — Known Species: 90

Nonvascular Plants: 7 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Mnium carolinianum	Carolina Mnium Rocks & Streambanks In Humid Gorges	S1	G3	S	--
Porella sp. 1	Hot Porella Wet Calcareous Rock	S1	G1	E	--
Porella wataugensis	Watauga Porella Moist Boulders & Cliffs, Phyllite	S1S2	G1G2Q	T	--
Radula voluta	A Liverwort Shady Moist Boulders By Waterfalls Or Sreams	S2	G3	S	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 41		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Agalinis setacea	Thread-leaved Gerardia Barrens, Dry Sandy Soil	SH	G5?	S	--
Amelanchier sanguinea	Roundleaf Shadbush Rocky Slopes And River Banks	S2	G5	T	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Clematis glaucophylla	White-leaved Leatherflower Wooded Stream Banks	S1	G4?	E	--
Crotalaria purshii	Pursh's Rattlebox Open Piney Woods	SH	G5	E-P	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Desmodium ochroleucum	Creamflower Tick-trefoil Sandy Dry Woods	S1	G1G2	E	--

Blount County . . . Continued **Known Species: 90**

Vascular Plants: 41 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Helianthemum bicknellii	Plains Frostweed Dry Ridges	SH	G5	E-P	--
Helianthemum canadense	Canada Frostweed Dry Ridges	SH	G5	E-P	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Isoetes tennesseensis	Hiwassee Quillwort Rocky River Banks	S1	G1	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lycopodium annotinum	Stiff Clubmoss High Elevation Acidic/Mesic Woods	SH	G5	E-P	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pilularia americana	American Pillwort Lake Drawdown Zones	S1S2	G5	S	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Poa saltuensis	Drooping Bluegrass Rich Oak Woods	S1	G5	T	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Potamogeton amplifolius	Large-leaf Pondweed Lakes And Streams	S1	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Pycnanthemum torrei	Torrey's Mountain-mint Barrens	S1	G2	S	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Sparganium androcladum	Branching Bur-reed Slow Flowing Streams And Rivers, Ponds	S1	G4G5	E	--

Blount County . . . Continued — Known Species: 90

Vascular Plants: 41 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Stellaria longifolia	Longleaf Stitchwort Bogs	S1	G5	E	--
Tetragonotheca helianthoides	Pineland Squarehead Dry Open Woods	SH	G5	E-P	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Trifolium reflexum	Buffalo Clover Rocky Open Woods	S1	G3G4	E	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--
Xerophyllum asphodeloides	Eastern Turkeybeard Dry Oak Or Piney Woods	S3	G4	T	--

Vertebrate Animals: 29		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Clinostomus funduloides ssp. 1	Smoky Dace Upland tributaries of Little Tennessee River; east Tennessee.	S1S2	G5T3Q	D	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma percnurum	Duskytail Darter Gently flowing pools near riffles; larger creeks and medium size rivers; Tennessee & Cumberland river drainages.	S1	G2	E	LE,XN
Glaucomys sabrinus coloratus	Carolina Northern Flying Squirrel Spruce-fir or mature hardwood forest with snags; in tree cavities or leaf nests; higher elevations of the Appalachians.	S1S2	G5T1	E	LE
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--

Blount County . . . Continued — Known Species: 90

Vertebrate Animals: 29 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma floridana haematoreia	Southern Appalachian Woodrat	S2	G5T4Q	D	--
	Forests & talus slopes in southern Appalachians of southeastern Tennessee.				
Noturus baileyi	Smoky Madtom	S1	G1	E	LE,XN
	Clear, cool, rocky riffles, runs, and flowing pools of mountain creeks; lower Little Tennessee River system.				
Noturus flavipinnis	Yellowfin Madtom	S1	G1	E	LT,XN
	Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Rallus elegans	King Rail	S2	G4	D	--
	Marshes, upland-wetland marsh edges, flooded farmlands, shrub swamps.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				

Blount County . . . Continued **Known Species: 90**

Vertebrate Animals: 29 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sphyrapicus varius	Yellow-bellied Sapsucker	S1B,S4N	G5	D	--
	Deciduous or mixed deciduous-coniferous forest; winters statewide and breeds in Appalachian Mountains.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Blount --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Bradley County — Known Species: 35

Invertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarus cymatilis	Conasauga Blue Burrower	S1	G1	E	--
	Primary burrower; seeps & wet grassy areas including homesites; Conasauga R watershed and adjacent portion of Hiwassee R basin.				
Cambarus sp. 2	Cocoa Crayfish	S1S2	GNR	--	--
	Primary burrower; seeps & wet grassy areas incl homesites; Conasauga R watershed and adj Hiwassee R basin; Bradley County. 				
Gomphus consanguis	Cherokee Clubtail	S1	G2G3	--	--
	Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.				
Hamiota altilis	Finelined Pocketbook	S1S2	G2	T	LT
	Creeks/small rivers with substrates of sand, mud, & gravel, & mod current; Conasauga River & Coahulla Ck; Polk & Bradley counties.				
Medionidus acutissimus	Alabama Moccasinshell	S1	G2	T	LT
	Small-large rivers in gravel & cobble shoals in shallow water with mod strong current; Conasauga River; Polk County.				
Medionidus parvulus	Coosa Moccasinshell	S1	G1Q	E	LE
	Highly oxygenated streams & small rivers with moderate to strong flow, in sand and gravel; Conasauga River, Polk County.				
Ophiogomphus alleghaniensis	Allegheny Snaketail	S1	G3T2T3	--	--
	Riffle areas of spring-fed streams; Cumberland Plateau, Ridge & Valley, & Blue Ridge; not watershed specific.				
Pleurobema georgianum	Southern Pigtoe	S1	G1	E	LE
	High quality small rivers & large streams; shoals and runs with stable sandy-gravel substrates; Conasauga River; Polk & Bradley cos.				
Pleurobema perovatum	Ovate Clubshell	SH	G1	E	LE
	Sand/gravel shoals and runs of small rivers and large streams with moderate current; Conasauga River; Polk County.				
Ptychobranchus greenii	Triangular Kidneyshell	S1	G1Q	E	LE
	Medium sized rivers with good current and coarse sand/gravel substrates; Conasauga River; Bradley & Polk counties.				
Strophitus connasaugaensis	Alabama Creekmussel	S1	G3	--	--
	Small-medium sized rivers, in shallow areas with current and substrates of of fine gravel, sand, & silt; Conasauga River; Polk County.				
Villosa vibex	Southern Rainbow	S2	G5Q	--	--
	Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Eryngium integrifolium	Blue-flower Coyote-thistle	S1	G5	T	--
	Wet Barrens				

Bradley County . . . Continued — Known Species: 35

Vascular Plants: 10 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lysimachia quadriflora	Four-flowered Loosestrife Spring Runs, Fens	S1	G5?	S	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Polygala mariana	Maryland Milkwort Sandy Alluvial Woods And Disturbed Areas	S1	G5	S	--
Rhynchospora caduca	Falling Beaked-rush Marshes, Wet Ground	S1	G5	S	--
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Smilax laurifolia	Laurel-leaf Greenbrier Wet Woods And Swamps	S1	G5	S	--

Vertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cyprinella caerulea	Blue Shiner Cool, clear, small to medium-sized rivers over firm substrates.	S1	G2	E	LT
Etheostoma brevirostrum	Holiday Darter Bedrock & gravel pools of creeks and small to medium rivers; Conasauga River watershed.	S1	G2	T	--
Etheostoma ditrema	Coldwater Darter Limestone springs and slow spring runs; Conasauga River watershed.	S1	G1G2	T	--
Etheostoma trisella	Trispot Darter Slackwater areas along margins of the Conasauga River & some tributaries; Conasauga River watershed.	S1	G1	T	--
Hybopsis lineapunctata	Lined Chub Small upland creeks with sandy substrates; Conasauga River watershed.	S1	G3G4	D	--
Ichthyomyzon gagei	Southern Brook Lamprey Gravel and sand riffles and runs of small rivers and creeks; Conasauga & lower Tennessee river watersheds.	S1	G5	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Macrhybopsis sp. 1	Coosa Chub In swift currents over gravel substrates; Conasauga River.	S1	G3G4	--	--
Noturus munitus	Frecklebelly Madtom In moderate-swift currents of main channel of Conasauga River over a variety of substrates.	S1	G3	T	--

Bradley County . . . Continued — Known Species: 35

Vertebrate Animals: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Percina antesella	Amber Darter	S1	G1G2	E	LE
	Main channel of Conasauga River in flowing pools & deeper runs with clean substrates of sand, gravel, scattered boulders.				
Percina jenkinsi	Conasauga Logperch	S1	G1	E	LE
	Deep gravel runs or pools with small stones & sandy bottoms; Conasauga and Jacks rivers; Conasauga River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				

-- End of Bradley --

Campbell County — Known Species: 66

Invertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Cambarus deweesae	Valley Flame Crayfish	S1	G4	E	--
	Primary burrower; open areas with high water tables; northern Ridge & Valley.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Gomphus consanguis	Cherokee Clubtail	S1	G2G3	--	--
	Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Pseudanophthalmus scutilus	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Cumberland Mountains.				
Pseudanophthalmus sidus	Meredith Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				

Nonvascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bryoxiphium norvegicum	Sword Moss	S1	G5?	T	--
	Sandstone Rockhouses And Shaded Outcroppings				
Drepanolejeunea appalachiana	A Liverwort	S1	G2?	S	--
	Tree Bark, 2000-4500 Ft.				
Homaliadelphus sharpii	Sharp's Homaliadelphus	S1	G3?	E	--
	Calcareous Or Dolomite Bluffs				
Jungermannia fossombronioides		S1	G4	S	--
	Low Elevation Rocky Streams				
Lejeunea blomquistii	Blomquist Leafy Liverwort	S1S2	G1G2	S	--
	Mid Elev. Gorges On Rock Or Bark				
Metzgeria uncigera	Metzgeria	S1	G3	S	--
	Bark Of American Holly				
Palamocladium leskeoides		S1	G3G5	T	--
	Seepy Limestone Cliffs And Bluffs				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Campbell County . . . Continued — Known Species: 66

Vascular Plants: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Eleocharis intermedia	Matted Spike-rush Wet Areas	S1	G5	E	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Melanthium woodii	Ozark Bunchflower Rich Wooded Slopes	S1	G5	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Rhamnus alnifolia	Alderleaf Buckthorn Swamps, Low Woods	S1	G5	E	--
Rhynchospora capillacea	Horned Beakrush Limestone Creek Banks	SH	G4	E-P	--
Silphium wasiotense	Kentucky Rosinweed Moist Slopes	S2	G3	E	--
Sullivantia sullivantii	Sullivantia Moist Shaded Cliffs	S1	G4	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--

Campbell County . . . Continued — Known Species: 66

Vertebrate Animals: 30		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk	S3B,S4N	G5	D	No Status
	Forests and open woodlands.				
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Desmognathus welteri	Black Mountain Salamander	S3	G4	D	--
	Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.				
Etheostoma baileyi	Emerald Darter	S2	G4G5	D	--
	Creeks and small rivers with riffles containing gravel or rubble; upper Cumberland drainage.				
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Etheostoma sagitta	Arrow Darter	S2	G3G4	D	--
	Smaller streams of northern Cumberland Plateau & Cumberland Mountains; Cumberland River watershed.				
Etheostoma susanae	Cumberland Darter	S1	G1G2	E	C
	Creeks in the upper Cumberland River watershed of the Cumberland Mountains; extremely rare.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				

Campbell County . . . Continued — Known Species: 66

Vertebrate Animals: 30 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Notropis albizonatus	Palezone Shiner	SH	G1	E	LE
	Large upland creeks and small rivers in quiet waters and flowing pools; possibly extirpated from TN.				
Notropis buccatus	Silverjaw Minnow	S1	G5	T	--
	Small creeks & large rivers with moderate current & sandy substrates; upper Cumberland River watershed; poss. introd. Stones River.				
Notropis rubellus	Rosyface Shiner	S2	G5	D	--
	Clear, swift, large creeks with bottoms of clean gravel or rubble; tribs to Cumberland River upst Cumberland Falls.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Phoxinus cumberlandensis	Blackside Dace	S2	G2	T	LT
	Small upland tributaries with sand, sandstone, and shale substrates in unsilted conditions; upper Cumberland R. watershed.				
Plethodon wehrlei	Wehrle's Salamander	S1	G4	D	--
	Sheltered areas in mesic hardwood forests; Cumberland Mountains; Campbell County.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				

-- End of Campbell --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Cannon County — Known Species: 30

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarus clivosus	Short Mountain Crayfish	S2	G2	--	--
	Occurs in spring- or seep-fed tributaries of Caney Fork & Stones rivers; escarpment of E Highland Rim in Cannon & DeKalb counties.				
Cambarus williami	Brawleys Fork Crayfish	S2	G2	E	--
	East Fork Stones River, its gravel-bottomed tributaries, and karst springs; makes short burrows in cobble; Cannon County.				
Leptoxis umbilicata	Umbilicate Rocksnail	S1	G1Q	--	--
	Medium sized rivers & large creeks in portions of lower Cumb. and Tenn. river systems; Stones River; possibly a form or morph.				
Pseudanophthalmus sp. 36	Millers Cave Beetle	S1?	GNR	--	--
	Terrestrial cave obligate; escarpment to Short Mountain; Cannon County; known from one cave in Collins R watershed.				
Ptomaphagus barri	A Cave Obligate Beetle	S1S2	G2G3	--	--
	Terrestrial cave obligate; Cannon County.				

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Caulophyllum giganteum	Giant Blue Cohosh	S1	G4G5Q	T	--
	Rich Woods				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Gaylussacia dumosa	Dwarf Huckleberry	S3	G5	T	--
	Barrens				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Lilium canadense	Canada Lily	S3	G5	T	--
	Rich Woods And Seeps				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Parnassia grandifolia	Large-leaved Grass-of-parnassus	S3	G3	S	--
	Calcareous Seeps				
Xyris laxifolia var. iridifolia	Wide-leaved Yellow-eyed Grass	S2	G4G5T4T5	T	--
	Pond Margins And Marshes				

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				

Cannon County . . . Continued — Known Species: 30

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aquila chrysaetos	Golden Eagle	S1	G5	T	--
	Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.				
Etheostoma forbesi	Barrens Darter	S1	G1G2	E	--
	Headwaters of the Barren Fork & Hickory Creek drainages; Cumberland River watershed.				
Etheostoma luteovinctum	Redband Darter	S4	G4	D	--
	Limestone streams; Nashville Basin & portions of Highland Rim.				
Etheostoma microlepidum	Smallscale Darter	S2	G2G3	D	--
	Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.				
Etheostoma olivaceum	Sooty Darter	S3	G3	D	--
	Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.				
Fundulus julisia	Barrens Topminnow	S1	G1	E	--
	Springs, spring runs, and first- and second-order headwaters and creeks in the Barrens of Cannon, Coffee, & Warren counties.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Notropis rupestris	Bedrock Shiner	S2	G2	D	--
	Bedrock pools of some low-gradient streams of the Nashville Basin.				
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Cannon --

Carroll County — Known Species: 20

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis auriculata	Earleaved False-foxglove Barrens	S2	G3	E	--
Aristida ramosissima	Branched Three-awn Grass Roadsides And Dry Openings	SH	G5	E-P	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Ceratophyllum echinatum	Prickly Hornwort Slow Moving Streams	S1	G4?	S	--
Chelone obliqua	Red Turtlehead Alluvial Swamps, Wet Woods	S1	G4	S	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Magnolia virginiana	Sweetbay Magnolia Forested Acidic Wetlands	S2	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Polygonum arifolium	Halberd-leaf Tearthumb Wetlands And Marshes	S1	G5	T	--
Silphium laciniatum	Compass Plant Barrens	S2	G5	T	--
Symplocos tinctoria	Horse-sugar Floodplains And Moist Ravines	S2	G5	S	--

Vertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma pyrrhogaster	Firebelly Darter Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.	S2	G2G3	D	--
Hyla gratiosa	Barking Treefrog Low wet woods and swamps esp. with ephemeral ponds.	S3	G5	D	--
Nerodia erythrogaster neglecta	Copperbelly Watersnake Warm, quiet waters; wooded lakes, streams, sloughs; northern middle Tennessee; lower Cumberland & Tennessee river watersheds.	S2S3	G5T3	--	No Status
Noturus gladiator	Piebald Madtom Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.	S3	G3	D	--
Sorex cinereus	Cinereus Shrew Rich woodlands of many types; open fields; middle and east Tennessee.	S4	G5	D	--

Carroll County . . . Continued — Known Species: 20

Vertebrate Animals: 8 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Sphyrapicus varius	Yellow-bellied Sapsucker	S1B,S4N	G5	D	--
	Deciduous or mixed deciduous-coniferous forest; winters statewide and breeds in Appalachian Mountains.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Carroll --

Carter County — Known Species: 158

Funguss: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gymnoderma lineare	Rock Gnome Lichen Mid To High Elev. Cliffs & Rocky Streams	S1	G2	S	LE

Ecological Systems: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central and Southern Appalachian Spruce-Fir Forest	Red Spruce - Fraser Fir Forest	SNR	GNR	--	--
Southern and Central Appalachian Bog and Fen	Southern and Central Appalachian Bog and Fen	S2	GNR	--	--
Southern Appalachian Grass and Shrub Bald	Southern Appalachian Grass and Shrub Bald	SNR	GNR	--	--

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Diphylleia cymosa - Saxifraga micranthidifolia - Laportea canadensis Herbaceous Vegetation	Rich Montane Seep (Cove Type)	S2S3	G3	--	--
Tilia americana var. heterophylla - Fraxinus americana - (Ulmus rubra) / Sanguinaria canadensis - (Aquilegia canadensis, Asplenium rhizophyllum) Forest	Southern Appalachian Cove Forest (Rich Foothill Type)	S2S3	G2G3	--	--

Invertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Caecidotea nortoni	A Cave Obligate Isopod Aquatic cave obligate; eastern Ridge & Valley.	S1S2	G2G3	--	--
Calohypsibius schusteri	Schuster's Tardigrade Beech-maple forests @ high elevations; in mosses on beech trees; Blue Ridge; Carter County.	S1	GNR	--	--
Discus bryanti	Sawtooth Disc Leaf litter in rocky upland woods, under rotting logs; northeast Tennessee; Blue Ridge.	S1S2	G3	--	--
Fumonelix wheatleyi	Cinnamon Covert Leaf litter, logs, talus in mixed woodlands, coves @ mid-upper elevations of Blue Ridge; Blount, Carter, Cocke, Monroe, & Sevier cos.	S3	G4	--	--
Hypsibius roanensis	A Tardigrade Beech-maple forests @ high elevations; in lichen or mosses on beech trees; Roan Mountain; Blue Ridge; Carter County.	S1	GNR	--	--
Inflectarius subpalliatus	Velvet Covert Leaf litter, rotting logs, talus in mixed woodland; may be arboreal; mid to upper elevations of Blue Ridge; Carter & Unicoi counties.	S2	G2	--	--
Mesomphix rugeli	Wrinkled Button Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.	S3	G4	--	--
Microhexura montivaga	Spruce-fir Moss Spider Moss mats in high-elevation spruce-fir forests; Southern Appalachians.	S1	G1	--	LE

Carter County . . . Continued — Known Species: 158

Invertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Paravitrea lamellidens	Lamellate Supercoil	S2	G2	--	--
	Deep, moist leaf litter below boulder slopes, bluffs; boggy seeps; forested hillsides & ravines; central & southern Blue Ridge.				
Paravitrea tridens	White-foot Supercoil	S2	G2	--	--
	Moist leaf litter on wooded hillsides; northeast Tennessee; Ridge & Valley and Blue Ridge.				
Pilsbryna vanattai	Honey Glyph	S2S3	G2G3	--	--
	Moist leaf litter in ravines, wooded mountainsides, adj. seeps, springs, small streams; northern Blue Ridge; northeast Tennessee.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Stenotrema altispira	Highland Slitmouth	S2?	G3	--	--
	Leaf litter, logs, talus in mixed woodland, spring fed slopes; higher elevations of central & N Blue Ridge; northeast Tennessee.				
Striatura exigua	Ribbed Striate	S1	G5	--	--
	Moist leaf litter of forested slopes; Blue Ridge; a northern species that apparently follows the spine of the Appalachians south.				
Trechus roanicus	A Carabid Beetle	S1	GH	--	--
	Terrestrial; known only from the summit of Roan Mountain (Roan High Knob); Cherokee National Forest; Carter County.				
Triodopsis anteridon	Carter Threetooth	S1S2	G3	--	--
	In leaf litter or on logs on forested slopes and in ravines; Blue Ridge; far northeast Tennessee.				
Ventridens coelaxis	Bidentate Dome	S2S3	G3	--	--
	In leaf litter on mountainsides, often at higher elevations; northernmost Blue Ridge and Ridge & Valley.				
Ventridens decussatus	Crossed Dome	S2?	G3	--	--
	In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.				
Vertigo clappi	Cupped Vertigo	S1	G1G2	--	--
	In leaf litter and moss on forested hillsides; Blue Ridge; Monroe County.				

Nonvascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anastrophyllum saxicola	A Liverwort	S1	G3G4	S	--
	High Elev. Rocky Peat; Heath & Wet Rocks				
Bazzania nudicaulis	A Liverwort	S2	G2G3	T	--
	Bark Of Mature Fraser Fir				
Plagiochila exigua	A Liverwort	S1S2	G4?	S	--
	Bark Of Mature Fraser Fir And Mountain Ash				
Sphenolobopsis pearsoni	Sphenolobopsis	S1	G2?	E	--
	Mainly Bark Of Mature Fraser Fir				

Vascular Plants: 101		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Carter County . . . Continued **Known Species: 158**

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Abies fraseri	Fraser Fir Forests Above 5500 Ft	S1S2	G2	T	--
Aconitum reclinatum	Trailing Wolfsbane Rich Mountain Woods	S1	G3	E	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Agastache scrophulariifolia	Purple Giant Hyssop Rich Mountain Woods	S1S2	G4	T	--
Agrostis mertensii	Arctic Bentgrass Mountain Balds And Moist Ravines	SH	G5	S	--
Allium tricoccum	Ramps Rich Woods	S1S2	G5	S-CE	--
Alnus viridis ssp. crispa	Green Alder Mountain Balds And Thickets	S1	G5T5	S	--
Athyrium filix-femina ssp. angustum	Northern Lady Fern Mountain Woods And Openings	S2	G5T5	S	--
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Botrychium simplex	Least Grape-fern High Elevation Mesic Forests	S1	G5	S	--
Brachyelytrum erectum var. septentrionale	Northern Shorthusk Moist High Elev. Forests	S2	G4G5	S	--
Buckleya distichophylla	Piratebush Rocky Mountain Woods W/ Hemlock	S2	G2	T	--
Caltha palustris	Marsh Marigold Bogs	S1	G5	E	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex bromoides ssp. montana	Blue Ridge Brome Sedge Mountain Bogs & Seeps	S1	G5T3?	T	--
Carex echinata ssp. echinata	Little Prickly Sedge Swamps And Bogs	S1?	G5T5	S	--
Carex hitchcockiana	Hitchcock's Sedge Rich Moist Woods	S1	G5	T	--
Carex manhartii	Manhart's Sedge Mountain Slopes And Stream Banks	S2	G3G4	E	--

Carter County . . . Continued **Known Species: 158**

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex misera	Wretched Sedge Mountain Ledges And Balds	S2	G3	T	--
Carex roanensis	Roan Mountain Sedge Mid-Elevation Woodlands	S2	G3	E	--
Carex ruthii	Ruth's Sedge Mountain Forests And Wet Areas	S2	G3	T	--
Carex x aestivaliformis	A Hybrid Sedge Wet Woods & Meadows	S1	GNA	S	--
Castanea dentata	American Chestnut Mesic To Dry Forests	S2S3	G4	S	--
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Coeloglossum viride var. virescens	Long-bracted Green Orchis Wet Woods And Seeps	S1	G5T5	E	--
Corallorhiza maculata	Spotted Coralroot Shady, Moist Woods	S1	G5	T	--
Coreopsis latifolia	Broad-leaved Tickseed Streamheads	S1S2	G3	E	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Didiplis diandra	Water-purslane Swamps	S1	G5	T	--
Drosera rotundifolia	Roundleaf Sundew Bogs & Seeps	S1	G5	T	--
Dryopteris carthusiana	Spinulose Shield Fern Bogs	S1	G5	T	--
Dryopteris cristata	Crested Shield-fern Bogs	S2	G5	T	--
Epilobium angustifolium	Fireweed High Elevation Disturbed Woods	S1	G5	T	--
Epilobium ciliatum	Hairy Willow-herb Mountain Balds	S1	G5	T	--
Epilobium leptophyllum	Linear-leaved Willow-herb Mountain Bogs And Marshes	S1	G5	T	--
Gentiana austromontana	Appalachian Gentian High Elevation Open Woods	S3	G3	S	--

Carter County . . . Continued — Known Species: 158

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Geum geniculatum	Bent Avens Northern Hardwood Forests And Mountain Balds	S1	G1G2	E	--
Geum laciniatum	Rough Avens Lake Margins	S1	G5	S	--
Geum radiatum	Spreading Avens High Elevation Outcrops And Balds	S1	G2	E	LE
Goodyera repens	Dwarf Rattlesnake-plantain Moist Conifer/Rhododendron Woods	S1	G5	S	--
Hedyotis purpurea var. montana	Roan Mountain Bluet High Elevation Outcrops & Gravel Talus	S1	G5T2	E	LE
Helianthus glaucophyllus	White-leaved Sunflower Dry Open Woods	S1	G3	T	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Hieracium scabrum	Rough Hawkweed Dry Open Woods And Pastures	S2	G5	T	--
Huperzia appalachiana	Appalachian Fir Clubmoss Spruce-Fir Forest	S1	G4G5	T	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hypericum ellipticum	Pale St. John's-wort Bogs	S1	G5	E	--
Hypericum graveolens	Mountain St. John's-wort Boggy Woods And River Banks	S3	G3	E	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Isotria medeoloides	Small Whorled Pogonia Mid-Elevation Dry Woods	S1	G2	E	LT
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium grayi	Gray's Lily Balds And High Elevation Seeps	S1	G3	E	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lonicera canadensis	American Fly-honeysuckle Mountain Woods And Streams	S1	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--

Carter County . . . Continued **Known Species: 158**

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Minuartia godfreyi	Godfrey's Stitchwort Wet Meadows And Marshes	S1	G1	E	--
Minuartia groenlandica	Mountain Sandwort Dry, High Elevation Outcrops	S1	G5	E	--
Packera schweinitziana	Schweinitz's ragwort High Elevation Balds	S1	G5?	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Platanthera grandiflora	Large Purple Fringed Orchid Wet Meadows And Open Woods	S2	G5	E	--
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--
Poa palustris	Fowl Bluegrass Wet Balds	S1	G5	E	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potentilla tridentata	Three-toothed Cinquefoil High Elevation Openings	S1S2	G5	S	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Pycnanthemum beadlei	Beadle's Mountain Mint Mountain Woods	S1S2	G2G4	E	--
Pyrola americana	American Wintergreen Moist Woods And Bogs	S2	G5	E	--

Carter County . . . Continued **Known Species: 158**

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sanguisorba canadensis	Canada Burnet Bogs, Seeps, And Wet Meadows	S1	G5	E	--
Saxifraga caroliniana	Carolina Saxifrage Seepage Slopes And Wet Cliffs	S1S2	G3	E	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Silene caroliniana ssp. pensylvanica	Carolina Pink Rocky Bluffs	S1S2	G5T4T5	T	--
Solidago spithamaea	Blue Ridge Goldenrod High Elevation Outcrops	S1	G1	E	LT
Sparganium androcladum	Branching Bur-reed Slow Flowing Streams And Rivers, Ponds	S1	G4G5	E	--
Spiraea alba	Narrow-leaved Meadow-sweet Bogs	S1	G5	E	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Stellaria alsine	Trailing Stitchwort Bogs And Wet Areas	S1	G5	E	--
Stellaria longifolia	Longleaf Stitchwort Bogs	S1	G5	E	--
Streptopus amplexifolius	White Mandarin Wet Cliffs And Mountain Woods	S1	G5	T	--
Streptopus roseus	Rosy Twisted-stalk Rich, Moist Mountain Woods	S2	G5	S	--
Symplocarpus foetidus	Skunk-cabbage Swamps And Bogs	S1	G5	E	--
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trichophorum cespitosum	Tufted Club-rush Mountain Bogs	S1	G5	E	--
Trientalis borealis	Northern Starflower Mountain Hardwood Forests	S1	G5	T	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Tsuga caroliniana	Carolina Hemlock Dry Ridges	S3	G3	T	--
Veronica americana	American Speedwell Marshes And Bogs	S1	G5	S	--

Carter County . . . Continued — Known Species: 158

Vascular Plants: 101 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Woodsia scopulina ssp. appalachiana	Alleghany Cliff-fern Mountain Cliffs	S1S2	G4T4	S	--

Vertebrate Animals: 27		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Aegolius acadicus	Northern Saw-whet Owl High-elevation spruce-fir forests; Blue Ridge Mountains.	S1	G5	T	--
Condylura cristata	Star-nosed Mole Hydric soils in beech-maple-birch forests at higher elevations in the Appalachians.	S2	G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Desmognathus wrighti	Pygmy Salamander Mature hardwoods & spruce-fir forests under moss, leaf litter, logs, bark, and rocks; high elevations; Blue Ridge.	S2S3	G3G4	D	--
Empidonax alnorum	Alder Flycatcher Alder thickets adj. balds, forest edge, boggy meadows; higher elevations of Southern Blue Ridge.	S1	G5	--	--
Glaucomys sabrinus coloratus	Carolina Northern Flying Squirrel Spruce-fir or mature hardwood forest with snags; in tree cavities or leaf nests; higher elevations of the Appalachians.	S1S2	G5T1	E	LE
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Mustela nivalis	Least Weasel Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.	S2	G5	--	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--
Napaeozapus insignis	Woodland Jumping Mouse Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.	S4	G5	D	--
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Parascalops breweri	Hairy-tailed Mole Moist soils in deciduous forests with thick humus; east Tennessee.	S3	G5	D	--
Percina aurantiaca	Tangerine Darter Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	S3	G4	D	--

Carter County . . . Continued — Known Species: 158

Vertebrate Animals: 27 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Plethodon welleri	Weller's Salamander	S2	G3	D	--
	Rich woods under downed logs, rocks, leaf litter; spruce-fir, birch-hemlock, and primarily deciduous forests of NE Blue Ridge.				
Pooecetes gramineus	Vesper Sparrow	S1B,S4N	G5	D	--
	Balds, old pastures; ground nester.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Carter --

Cheatham County — Known Species: 27

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lithasia geniculata fuliginosa	Geniculate River Snail Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.	S2	G3T3Q	--	--

Vascular Plants: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star Glades, Barrens, And Rocky River Bars	S3	G5T3Q	S	--
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Carex davisii	Davis' Sedge Bottomlands, Riparian Soils	S1	G4	S	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--

Vertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Cheatham County . . . Continued — Known Species: 27

Vertebrate Animals: 10 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk	S3B,S4N	G5	D	No Status
	Forests and open woodlands.				
Aquila chrysaetos	Golden Eagle	S1	G5	T	--
	Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Etheostoma microlepidum	Smallscale Darter	S2	G2G3	D	--
	Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.				
Etheostoma tippecanoe	Tippecanoe Darter	S1S2	G3G4	D	--
	Medium to large rivers in shallow riffle areas containing fine cherty gravel; Cumberland River watershed.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Cheatham --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Chester County — Known Species: 5

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish	S1	G1	E	--
	Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.				

Vascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Helianthus verticillatus	Whorled Sunflower	S1	G1Q	E	C
	Edge Of Creeks And Fields				

Vertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Etheostoma pyrrhogaster	Firebelly Darter	S2	G2G3	D	--
	Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				

-- End of Chester --

Claiborne County — Known Species: 80

Invertebrate Animals: 30		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bactrurus angulus	Cumberland Gap Cave Amphipod	S1	G1	--	--
	Aquatic cave obligate; Cumberland Gap area.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Kleptochthonius affinis	A Cave Obligate Pseudoscorpion	S1S2	G1G2	--	--
	Terrestrial cave obligate; Ridge & Valley.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Plethobasus cyphyus	Sheepnose	S2S3	G3	--	C
	Large to medium-sized rivers, in riffles and coarse sand/gravel subst; TN & Cumb river systems incl KY Reservoir; W Uplands & Rim.				

Claiborne County . . . Continued — Known Species: 80

Invertebrate Animals: 30 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pseudanophthalmus engelhardti	Engelhart's Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Pseudanophthalmus pallidus	Pale Cave Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Pseudanophthalmus rotundatus	A Ground Beetle	S2	G2G3	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Pseudotremia nodosa	A Millipede	S2S3	G4	--	--
	Terrestrial cave obligate; lower Powell River drainage; upper Ridge & Valley; Claiborne, Hancock, & Union counties.				
Pseudotremia valga	A Millipede	S1?	G1G2	--	--
	Terrestrial cave obligate; northernmost Ridge & Valley; Claiborne County.				
Ptychobranchus subtentum	Fluted Kidneyshell	S2	G2	--	C
	Small-medium rivers in swift current or riffles, in sand, gravel, and cobble substrates; Tennessee & Cumberland river systems.				
Quadrula cylindrica strigillata	Rough Rabbitsfoot	S2	G3G4T2	E	LE
	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Quadrula sparsa	Appalachian Monkeyface	S1	G1	E	LE
	Headwater sections of rivers in shallow riffles/runs with sand-gravel substrate & moderate current; upper Tennessee River drainage.				
Sphalloplana consimilis	Powell Valley Planarian	S1	G2G3	--	--
	Aquatic cave obligate; Powell River Valley; N Ridge & Valley; Claiborne County.				
Stygobromus finleyi	Finley's Cave Amphipod	S1	G3G4	--	--
	Aquatic cave obligate, from shallow pools; northern Ridge & Valley; Claiborne County.				
Triodopsis claibornensis	Claiborne Threetooth	S2	G2	--	--
	In leaf litter of rocky karst woods and on roadsides, NW Ridge & Valley; Claiborne & Campbell counties.				

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Homaliadelphus sharpii	Sharp's Homaliadelphus	S1	G3?	E	--
	Calcareous Or Dolomite Bluffs				

Vascular Plants: 25		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				

Claiborne County . . . Continued **Known Species: 80**

Vascular Plants: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Calamagrostis porteri	Porter's Reedgrass Rich Mountain Woods	S1	G4	E	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Chrysogonum virginianum	Green-and-gold Dry Woods And Openings	S2	G5	T	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Cypripedium reginae	Showy Lady's-slipper Calcareous Rocky Slopes	S1	G4	E	--
Eleocharis intermedia	Matted Spike-rush Wet Areas	S1	G5	E	--
Heuchera longiflora var. aceroides	Maple-leaf Alumroot Moist Ravines	S2	G4T2Q	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Rhamnus alnifolia	Alderleaf Buckthorn Swamps, Low Woods	S1	G5	E	--
Ruellia purshiana	Pursh's Wild-petunia Dry Woods	S1S2	G3	S	--

Claiborne County . . . Continued — Known Species: 80

Vascular Plants: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--

Vertebrate Animals: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aegolius acadicus	Northern Saw-whet Owl High-elevation spruce-fir forests; Blue Ridge Mountains.	S1	G5	T	--
Ammocrypta clara	Western Sand Darter Usually in slight to moderate current over sandy bottom; Clinch & Powell rivers.	S1	G3	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Desmognathus welteri	Black Mountain Salamander Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.	S3	G4	D	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Erimystax cahni	Slender Chub Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.	S1	G1	T	LT
Etheostoma baileyi	Emerald Darter Creeks and small rivers with riffles containing gravel or rubble; upper Cumberland drainage.	S2	G4G5	D	--
Etheostoma sagitta	Arrow Darter Smaller streams of northern Cumberland Plateau & Cumberland Mountains; Cumberland River watershed.	S2	G3G4	D	--
Mustela nivalis	Least Weasel Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.	S2	G5	--	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Notropis buccatus	Silverjaw Minnow Small creeks & large rivers with moderate current & sandy substrates; upper Cumberland River watershed; poss. introd. Stones River.	S1	G5	T	--
Notropis rubellus	Rosyface Shiner Clear, swift, large creeks with bottoms of clean gravel or rubble; tribs to Cumberland River upst Cumberland Falls.	S2	G5	D	--

Claiborne County . . . Continued — Known Species: 80

Vertebrate Animals: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Noturus flavipinnis	Yellowfin Madtom	S1	G1	E	LT,XN
	Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Phoxinus cumberlandensis	Blackside Dace	S2	G2	T	LT
	Small upland tributaries with sand, sandstone, and shale substrates in unsilted conditions; upper Cumberland R. watershed.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Claiborne --

Clay County — Known Species: 27

Invertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Barbicambarus cornutus	Bottle Brush Crayfish	S2	G4	--	--
	Under slabrock in medium-large tributaries of Barren River watershed; Sumner, Macon, Clay counties.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lithasia armigera	Armored Rocksnail	S1S2	G3G4	--	--
	Partially buried logs, gravel, and preferably submerged rock outcrops; lower Cumberland River & larger tributaries; Obey River. 				
Pseudanophthalmus fowlerae	Fowler's Cave Beetle	S1	G1	--	C
	Terrestrial cave obligate; eastern Highland Rim.				
Pseudanophthalmus inquisitor	Inquirer Cave Beetle	S1	G1	--	C
	Terrestrial cave obligate; Eastern Highland Rim escarpment.				
Stygobromus nortoni	Norton's Cave Amphipod	SH	G2G3	--	--
	Aquatic cave obligate, from pools; Eastern Highland Rim and Ridge & Valley.				
Villosa trabalis	Cumberland Bean	S1	G1	E	LE
	Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.				

Vascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Carex ouachitana	Ouachita Sedge	S1	G4	S	--
	Rocky Woods				
Collinsia verna	Spring Blue-eyed Mary	S1	G5	E	--
	Rich Wet-Mesic Woods				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Melanthium woodii	Ozark Bunchflower	S1	G5	E	--
	Rich Wooded Slopes				
Prenanthes crepidinea	Nodding Rattlesnake-root	S2	G4	E	--
	Rich Bottomlands				

Vertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				

Clay County . . . Continued — Known Species: 27

Vertebrate Animals: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Crystallaria asprella	Crystal Darter	SX	G3	D	--
	Small to medium rivers with expanses of clean sand and gravel; Cumberland River watershed.				
Etheostoma barbouri	Teardrop Darter	S2	G4G5	D	--
	Sandy pools in small to medium streams with slabrock cover; Barren River watershed.				
Etheostoma barrenense	Splendid Darter	S3	G4	D	--
	Locally abundant in rocky pools and adjacent riffles of small to moderate streams; Barren River watershed.				
Etheostoma bellum	Orangefin Darter	S3	G4G5	D	--
	Locally abundant in small to medium-sized clear streams over gravel substrate; Barren River watershed.				
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Moxostoma atripinne	Blackfin Sucker	S1	G2	D	--
	Larger creeks with quiet or gently flowing pools with scattered slabrocks & undercut banks; Barren River watershed.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Notropis rubellus	Rosyface Shiner	S2	G5	D	--
	Clear, swift, large creeks with bottoms of clean gravel or rubble; tribs to Cumberland River upst Cumberland Falls.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				

-- End of Clay --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Cocke County — Known Species: 55

Invertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira jessica	Mountain Disc	S3	G3G4	--	--
	Higher elevations in the southern Appalachians, arboreal; also inhabits rotting wood; Roan Mountain & Mt. Le Conte.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Fumonelix wheatleyi	Cinnamon Covert	S3	G4	--	--
	Leaf litter, logs, talus in mixed woodlands, coves @ mid-upper elevations of Blue Ridge; Blount, Carter, Cocke, Monroe, & Sevier cos.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Mesomphix rugeli	Wrinkled Button	S3	G4	--	--
	Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Ventridens decussatus	Crossed Dome	S2?	G3	--	--
	In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.				

Nonvascular Plants: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Grimmia olneyi	Grimmia Moss	SH	G3G5	S	--
	High Elev. Dry Rocks And Cliffs				
Megaceros aenigmaticus	Megaceros	S2S3	G2G3	S	--
	Mid-Elev. Streams On Wet Shaded Rocks				

Vascular Plants: 26		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple	S3	G5	S	--
	Circumneutral Rocky Woods				
Adlumia fungosa	Climbing Fumitory	S2	G4	T	--
	Rich Mesic Woods				
Buckleya distichophylla	Piratebush	S2	G2	T	--
	Rocky Mountain Woods W/ Hemlock				
Carex ruthii	Ruth's Sedge	S2	G3	T	--
	Mountain Forests And Wet Areas				
Clintonia borealis	Clinton's Lily	S2S3	G5	S	--
	High Elevation Mesic Forests				
Corallorhiza maculata	Spotted Coralroot	S1	G5	T	--
	Shady, Moist Woods				

Cocke County . . . Continued

Known Species: 55

Vascular Plants: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Heuchera longiflora var. aceroides	Maple-leaf Alumroot Moist Ravines	S2	G4T2Q	S	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Leucothoe racemosa	Fetter-bush Acidic Wetlands And Swamps	S2	G5	T	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Rugelia nudicaulis	Rugel's Ragwort High Elevation Open Woods	S2	G3	E	--
Saxifraga caroliniana	Carolina Saxifrage Seepage Slopes And Wet Cliffs	S1S2	G3	E	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Solidago lancifolia	Broadleaf Goldenrod Mountain Woods	S1	G3G4Q	E	--
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Stellaria alsine	Trailing Stitchwort Bogs And Wet Areas	S1	G5	E	--
Thaspium pinnatifidum	Cutleaf Meadow-parsnip Calcareous Forests And Woodlands	S1	G2G3	E	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--

Cocke County . . . Continued — Known Species: 55

Vertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker	S2S3	G4G5	D	--
	Large rivers, mostly in Tennessee River drainage.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Etheostoma acuticeps	Sharphead Darter	S2S3	G3	--	--
	Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.				
Etheostoma gutselli	Tuckasegee Darter	S1	G4	E	--
	Swift riffle areas with coarse rubble; Little Tennessee & Pigeon rivers.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Microtus chrotorrhinus carolinensis	Southern Rock Vole	S2	G4T3	D	--
	Mossy rocks and logs, and cool, moist talus slopes at higher elevations of the Appalachians.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma floridana haematoreia	Southern Appalachian Woodrat	S2	G5T4Q	D	--
	Forests & talus slopes in southern Appalachians of southeastern Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pooecetes gramineus	Vesper Sparrow	S1B,S4N	G5	D	--
	Balds, old pastures; ground nester.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				

Cocke County . . . Continued **Known Species: 55**

Vertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Cocke --

Coffee County — Known Species: 130

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central Interior Highlands and Appalachian Sinkhole and Depression Pond	Highland Rim Sinkhole and Depression Pond	S2S3	GNR	--	--
Eastern Highland Rim Prairie and Barrens	Eastern Highland Rim Prairie and Barrens	SNR	GNR	--	--

Ecological Systems: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Panicum hemitomon - Dulichium arundinaceum Herbaceous Vegetation	Highland Rim Maidencane Pond	S1	G1	--	--
Quercus (falcata, stellata) / Quercus marilandica / Gaylussacia (baccata, dumosa) Woodland	Highland Rim Blackjack Oak Barrens	S2S3	G2G3	--	--
Quercus phellos - Quercus alba / Vaccinium fuscatum - (Viburnum nudum) / Carex (barrattii, intumescens) Forest	Barrens Depression Willow Oak Forest	SNR	G2	--	--
Quercus stellata - (Quercus coccinea) / Quercus marilandica / Vaccinium pallidum - (Vaccinium stamineum) Woodland	Highland Rim Post Oak - Blackjack Oak Woodland	S2	G2G3	--	--

Invertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				
Daedalochila auriformis	Rockpile Liptooth	S1	G4	--	--
	Wet, grassy habitats, generally in full sun; barrens & remnant prairies; Coffee & Warren counties; disjunct from central Alabama.				
Leptoxis umbilicata	Umbilicate Rocksnail	S1	G1Q	--	--
	Medium sized rivers & large creeks in portions of lower Cumb. and Tenn. river systems; Stones River; possibly a form or morph.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia geniculata pinguis	Small Geniculate River Snail	S2	G3T3Q	--	--
	Headwater form of L. geniculata, in small rivers and large streams, on gravel substrates; upper Duck & Caney Fork systems.				
Lithasia lima	Warty Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; Elk River & larger tributaries (Tennessee River watershed).				

Coffee County . . . Continued — Known Species: 130

Invertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Litocampa valentinei	A Cave Obligate Bristletail Terrestrial cave obligate, southern Cumberlands.	S2	G5	--	--
Orconectes australis	Southern Cave Crayfish Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.	S3	G5	--	--
Phalangodes appalachius	A Cave Obligate Harvestman Terrestrial cave obligate; Cumberland Plateau.	S3	G3G4	--	--
Pleurobema gibberum	Cumberland Pigtoe Shallow areas in small-medium rivers in riffles with sand and gravel substrates; tribs of Cumberland River & poss TN R, middle Tenn.	S1	G1	E	LE
Pleurobema oviforme	Tennessee Clubshell Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.	S2S3	G2G3	--	--
Pseudanophthalmus tullahoma	Duck River Cave Beetle Terrestrial cave obligate; Central Basin; Duck River drainage.	S1	G1G2	--	--
Toxolasma cylindrellus	Pale Lilliput Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.	S1	G1	E	LE

Nonvascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Frullania obcordata	Swamp Frullania Swamps, On Tree Bark	S1	G4G5	S	--
Lejeunea sharpii	Sharp's Lejeunea Calcareous Bluffs, Rock & Logs Of Wet Sinks	S1S2	G2G3	E	--
Pellia appalachiana	 Wet Soil, Barrens	S2	G4	S	--
Radula voluta	A Liverwort Shady Moist Boulders By Waterfalls Or Sreams	S2	G3	S	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 79		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis oligophylla	Ridge-stem False-foxglove Barrens	S1	G4	E	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Carex barrattii	Barratt's Sedge Wet Woods And Oak Barrens	S2	G4	E	--

Coffee County . . . Continued — Known Species: 130

Vascular Plants: 79 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex buxbaumii	Brown Bog Sedge Swamps	S1	G5	T	--
Carex hirtifolia	Pubescent Sedge Lowland Forests	S1S2	G5	S	--
Carex pellita	Woolly Sedge Alluvial Forests And Upland Pastures	S1	G5	E	--
Clematis glaucophylla	White-leaved Leatherflower Wooded Stream Banks	S1	G4?	E	--
Clethra alnifolia	Coastal Sweet Pepper-bush Acidic Wetlands And Swamps	S1	G5	E	--
Cotinus obovatus	American Smoketree Dry, Circumneutral Soil	S2	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Dichanthelium aciculare	Needleleaf Witchgrass Sandy Pine Woods And Barrens	S1	G5	E	--
Dichanthelium acuminatum ssp. leucothrix	Roughish Witchgrass Moist Pine Barrens	S1	G4?Q	S	--
Dichanthelium acuminatum ssp. spretum	Eaton's Witchgrass Sandy Peaty Pine Barrens	S1	G5	E	--
Dichanthelium ensifolium ssp. ensifolium	Small-leaved Panicgrass Moist Pine Barrens	S2	GNR	S	--
Drosera brevifolia	Dwarf Sundew Wet Barrens And Ecotones	S2	G5	T	--
Echinacea pallida	Pale-purple Coneflower Barrens And Dry Openings	S1	G4	T	--
Eleocharis wolfii	Wolf Spike-rush Wet Woods On Floodplains	S1	G3G4	E	--
Eryngium integrifolium	Blue-flower Coyote-thistle Wet Barrens	S1	G5	T	--
Eupatorium leucolepis	White-bracted Thoroughwort Wet Barrens	S1	G5	E	--
Festuca paradoxa	Cluster Fescue Wet Woods And Prairies	S1	G5	S	--
Fimbristylis puberula	Hairy Fimbristylis Wet Prairies And Woods	S1S2	G5	T	--
Gaylussacia dumosa	Dwarf Huckleberry Barrens	S3	G5	T	--
Gentiana puberulenta	Downy Gentian Barrens	S1	G4G5	E	--

Coffee County . . . Continued — Known Species: 130

Vascular Plants: 79 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gymnopogon brevifolius	Broad-leaved Beardgrass Barrens	S1S2	G5	S	--
Helianthemum propinquum	Low Frostweed Barrens	S1S2	G4	E	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hypericum adpressum	Creeping St. John's-wort Edges Of Ponds And Lakes	S1	G3	E	--
Iris prismatica	Slender Blue Flag Wet Barrens	S2S3	G4G5	T	--
Isoetes melanopoda	Blackfoot Quillwort Wet Fields	S1S2	G5	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lachnanthes caroliana	Carolina Redroot Acidic Wetlands And Barrens	S1	G4	E	--
Lathyrus palustris	Marsh Pea Wet Woods & Marshes	S1	G5	S	--
Lechea pulchella	Leggett's Pinweed Barrens	S1	G5	E	--
Lespedeza angustifolia	Narrowleaf Bushclover Barrens	S2	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Listera australis	Southern Twayblade Wet-Mesic Woods	S1S2	G4	E	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Ludwigia sphaerocarpa	Globe-fruited False-loosestrife Swamps And Shallow Pools	S1	G5	T	--
Lycopodiella alopecuroides	Foxtail Clubmoss Wet Acidic Barrens	S2	G5	T	--
Lysimachia terrestris	Swamp Loosestrife Wet Prairies And Swamps	S1	G5	E	--
Marshallia trinervia	Broad-leaved Barbara's-buttons Rocky Ravines	S2S3	G3	T	--

Coffee County . . . Continued — Known Species: 130

Vascular Plants: 79 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Muhlenbergia torreyana	Torrey's Dropseed Oak Barren Bogs	S1	G3	E	--
Myriophyllum pinnatum	Cutleaf Water-milfoil Acidic Wetland And Ponds	S1	G5	T	--
Nestronia umbellula	Nestronia Upland Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Panicum hemitomon	Maidencane Ponds In Barrens	S2	G5?	S	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera integra	Yellow Fringeless Orchid Wet Barrens	S1	G3G4	E	--
Platanthera nivea	Snowy Orchid Wet Barrens	S1	G5	E	--
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Polygala nuttallii	Nuttall's Milkwort Prairies	S1	G5	E	--
Prenanthes aspera	Rough Rattlesnake-root Barrens And Roadsides	S1	G4?	E	--
Prunus pumila	Sand Cherry Barrens	S1	G5	E	--
Rhynchospora caduca	Falling Beaked-rush Marshes, Wet Ground	S1	G5	S	--
Rhynchospora chalarocephala	Loose-headed Beakrush Wet Barrens	S1	G5	T	--
Rhynchospora perplexa	Obscure Beak-rush Marshes, Wet Barrens	S2	G5	T	--
Sagittaria graminea	Grassleaf Arrowhead Ponds And Stream Margins	S1	G5	T	--
Scleria verticillata	Low Nutrush Wet Prairies And Fens	S2	G5	S	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--

Coffee County . . . Continued — Known Species: 130

Vascular Plants: 79 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Solidago stricta var. gracillima	Virginia goldenrod Wet Barrens And Fields	S1	G4?	S	--
Symphyotrichum pratense	Barrens Silky Aster Barrens	S1	G4?	E	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Triantha racemosa	Coastal False-asphodel Wet Barrens	S1	G5	E	--
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--
Utricularia cornuta	Horned Bladderwort Wet Prairies, Pond Margins	S1	G5	E	--
Utricularia subulata	Zigzag Bladderwort Wet Barrens, Ecotones	S1	G5	T	--
Vaccinium elliottii	Mayberry Open Flat Woods And Dry Slopes	S1	G5	E	--
Vaccinium macrocarpon	Cranberry Bogs	S2	G4	T	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--
Xyris fimbriata	Fringed Yellow-eyed Grass Acidic Ponds	S1	G5	E	--
Xyris laxifolia var. iridifolia	Wide-leaved Yellow-eyed Grass Pond Margins And Marshes	S2	G4G5T4T5	T	--
Zigadenus leimanthoides	Death-camas Acidic Wetlands	S2	G4Q	T	--

Vertebrate Animals: 25		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammodramus henslowii	Henslow's Sparrow Damp open fields and meadows with grass interspersed with weeds or shrubs.	S1B	G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--

Coffee County . . . Continued — Known Species: 130

Vertebrate Animals: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma forbesi	Barrens Darter	S1	G1G2	E	--
	Headwaters of the Barren Fork & Hickory Creek drainages; Cumberland River watershed.				
Etheostoma luteovinctum	Redband Darter	S4	G4	D	--
	Limestone streams; Nashville Basin & portions of Highland Rim.				
Etheostoma striatulum	Striated Darter	S1	G1	T	--
	Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.				
Fundulus julisia	Barrens Topminnow	S1	G1	E	--
	Springs, spring runs, and first- and second-order headwaters and creeks in the Barrens of Cannon, Coffee, & Warren counties.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Rana capito	Carolina Gopher Frog	S1	G3	--	--
	Seasonally flooded ponds in the Barrens of Coffee County.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				

Coffee County . . . Continued — Known Species: 130

Vertebrate Animals: 25 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Coffee --

Crockett County — Known Species: 3

Vascular Plants: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				

Vertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				

-- End of Crockett --

Cumberland County — Known Species: 66

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer rubrum var. trilobum - Nyssa sylvatica / Osmunda cinnamomea - Chasmanthium laxum - Carex intumescens / Sphagnum lescurii Forest	Cumberland Forested Acidic Seep	S2S3	G3?	--	--

Invertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Caecidotea circulus	A Cave Obligate Isopod Aquatic cave obligate; Cumberland Plateau.	S1	G1G2	--	--
Caecidotea scyphus	A Cave Obligate Isopod Aquatic cave obligate; Grassy Cove; Cumberland County.	S1	G1G2	--	--
Cambarus hamulatus	Prickly Cave Crayfish Aquatic cave obligate; Sequatchie Valley & southern Cumberlands.	S3	G3G4	--	--
Cambarus pristinus	Pristine Crayfish Under cover in small-large size streams; headwaters of Caney Fork River & abutting Sequatchie River tributaries; Cumberland Plateau.	S2	G2	E	--
Kleptochthonius infernalis	A Cave Obligate Pseudoscorpion Terrestrial cave obligate; Grassy Cove; Cumberland County.	S1	G1	--	--
Ophiogomphus alleghaniensis	Allegheny Snaketail Riffle areas of spring-fed streams; Cumberland Plateau, Ridge & Valley, & Blue Ridge; not watershed specific.	S1	G3T2T3	--	--
Pseudanophthalmus jonesi	Grassy Cove Cave Beetle Terrestrial cave obligate; Grassy Cove; Cumberland County.	S1S2	G1G2	--	--
Stenotrema edgarianum	Sequatchie Slitmouth On logs and in leaf litter on forested hillsides; southern Sequatchie Valley extending north to Crab Orchard.	S2S3	G2G3	--	--
Vertigo pygmaea	Crested Vertigo A calciphile; generally found in low, grassy habitats; Grassy Cove & Crab Orchard; Cumberland County.	S1	G5	--	--
Villosa perpurpurea	Purple Bean Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.	S1	G1	E	LE
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE

Vascular Plants: 39		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amelanchier sanguinea	Roundleaf Shadbush Rocky Slopes And River Banks	S2	G5	T	--
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Calamovilfa arcuata	Cumberland Sandgrass Rocky And Sandy River Bars	S2	G2	E	--

Cumberland County . . . Continued **Known Species: 66**

Vascular Plants: 39 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Carex buxbaumii	Brown Bog Sedge Swamps	S1	G5	T	--
Conradina verticillata	Cumberland Rosemary Sandy, Rocky River Banks And Bars	S3	G3	T	LT
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Danthonia epilis	Bog Oat-grass Acidic Seeps	S1S2	G3G4	S	--
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Dichanthelium ensifolium ssp. ensifolium	Small-leaved Panicgrass Moist Pine Barrens	S2	GNR	S	--
Drosera capillaris	Pink Sundew Acidic Wetlands	S1	G5	T	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Lachnocaulon anceps	Bog-buttons Acidic Open Wetlands	SH	G5	E-P	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Marshallia grandiflora	Large-fl. Barbara's-buttons Rocky River Bars	S2	G2	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C

Cumberland County . . . Continued — Known Species: 66

Vascular Plants: 39 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Poa saltuensis	Drooping Bluegrass Rich Oak Woods	S1	G5	T	--
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Potamogeton amplifolius	Large-leaf Pondweed Lakes And Streams	S1	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Ribes curvatum	Granite Gooseberry Rocky Woods	S1	G4	T	--
Sagittaria platyphylla	Ovate-leaved Arrowhead Swamps, Emmergent	S2S3	G5	S	--
Sarracenia oreophila	Green Pitcher Plant Open, Wet Streambanks	SX	G2	E-P	LE
Schoenoplectus subterminalis	Water Bulrush Ponds And Stream Margins	S1	G4G5	S	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Spiranthes ochroleuca	Yellow Nodding Ladies'-tresses Moist Mountain Woods	SH	G4	E-P	--
Symphyotrichum pratense	Barrens Silky Aster Barrens	S1	G4?	E	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--
Utricularia resupinata	Resupinate Bladderwort Ponds, Lake Margins	S1	G4	S	--
Utricularia subulata	Zigzag Bladderwort Wet Barrens, Ecotones	S1	G5	T	--

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--

Cumberland County . . . Continued — Known Species: 66

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Desmognathus welteri	Black Mountain Salamander	S3	G4	D	--
	Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.				
Erimonax monachus	Spotfin Chub	S2	G2	T	LT,XN, PXN
	Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Mustela nivalis	Least Weasel	S2	G5	--	--
	Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				

-- End of Cumberland --

Davidson County — Known Species: 74

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Nashville Basin Limestone Glade	Nashville Basin Limestone Glade, Barrens, and Woodland	SNR	GNR	--	--

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dalea foliosa - Mecardonia acuminata - Mitreola petiolata Herbaceous Vegetation	Limestone Glade Streamside Meadow	S2?	G2?	--	--
Quercus stellata / Viburnum rufidulum / Schizachyrium scoparium - (Sorghastrum nutans, Helianthus eggertii) Woodland	Western Highland Rim Escarpment Post Oak Barrens	S2	G2G3	--	--

Invertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Orconectes shoupi	Nashville Crayfish	S1S2	G1G2	E	LE
	1st-order & larger streams, generally with bedrock bottom, under slabrock; endemic to Mill Creek watershed; Davidson & William. cos.				
Pseudanophthalmus insularis	Baker Station Cave Beetle	S1	GH	--	C
	Terrestrial cave obligate; northern Central Basin; known from single historical record in Davidson County.				
Simpsonaias ambigua	Salamander Mussel	S1	G3	--	--
	In sand or silt under large, flat stones in areas of swift current; occurred historically in E Fk Stones R; 2005 obs in lower Duck R.				
Sphalloplana buchanani	A Cave Obligate Planarian	S1	G1G2	--	--
	Aquatic cave obligate; northern Central Basin; Davidson County; taxonomy poorly understood.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 45		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium stellatum	Glade Onion	S1	G5	E	--
	Glades				
Ammoselinum popei	Pope's Sand-parsley	S2	G4	T	--
	Glades				

Davidson County . . . Continued **Known Species: 74**

Vascular Plants: 45 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star Glades, Barrens, And Rocky River Bars	S3	G5T3Q	S	--
Anemone caroliniana	Carolina Anemone Glades And Cedar Woodlands	S1S2	G5	E	--
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Arabis perstellata	Braun's Rockcress Limestone Bluffs	S1	G2	E	LE
Arabis shortii	Short's Rock-cress Wooded Bluffs & Floodplains	S1S2	G5	S	--
Astragalus bibullatus	Pyne's Ground-plum Ordovician Limestone Glades	S1	G1	E	LE
Astragalus tennesseensis	Tennessee Milk-vetch Glades	S3	G3	S	--
Carex davisii	Davis' Sedge Bottomlands, Riparian Soils	S1	G4	S	--
Carex hirtifolia	Pubescent Sedge Lowland Forests	S1S2	G5	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Castanea dentata	American Chestnut Mesic To Dry Forests	S2S3	G4	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Crataegus harbisonii	Harbison's Hawthorn Dry Rocky Calcareous Woods	S1	G1	E	--
Dalea candida	White Prairie-clover Barrens	S2	G5	S	--
Dalea foliosa	Leafy Prairie-clover Rocky Washes In Glades	S2S3	G2G3	E	LE
Dalea purpurea	Purple Prairie-clover Barrens	S1	G5	E	--
Echinacea tennesseensis	Tennessee Coneflower Ordovician Limestone Glades	S2	G2	E	LE
Elymus svensonii	Svenson's Wild-rye Rocky Bluffs	S2	G3	E	--
Erysimum capitatum	Western Wallflower Rocky Bluffs	S1S2	G5	E	--
Evolvulus nuttallianus	Evolvulus Glades	S3	G5	S	--

Davidson County . . . Continued **Known Species: 74**

Vascular Plants: 45 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrocotyle americana	American Water-pennywort Wet Soils And Pools	S1	G5	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Lonicera flava	Yellow Honeysuckle Rocky Woods And Thickets	S1	G5?	T	--
Mirabilis albida	Pale Umbrella-wort Glades	S2	G5	T	--
Onosmodium hispidissimum	Shaggy False Gromwell Dry Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Perideridia americana	Thicket Parsley Cedar Barrens	S2	G4	E	--
Phlox bifida ssp. stellaria	Glade Cleft Phlox Glades	S3	G5?T3	T	--
Polytaenia nuttallii	Prairie Parsley Prairies And Open Dry Areas	S1	G5	T	--
Ranunculus aquatilis var. diffusus	White Water-buttercup Ponds And Streams	S1	G5T5	E	--
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Symphyotrichum praealtum	Willow Aster Moist Prairies And Marshes	S1	G5	E	--

Davidson County . . . Continued — Known Species: 74

Vascular Plants: 45 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 18		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Ambystoma barbouri	Streamside Salamander Seasonally ephemeral karst streams; middle Tennessee.	S2	G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma microlepidum	Smallscale Darter Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.	S2	G2G3	D	--
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Macrochelys temminckii	Alligator Snapping Turtle Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.	S2S3	G3G4	D	--
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--

Davidson County . . . Continued — Known Species: 74

Vertebrate Animals: 18 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Davidson --

Decatur County — Known Species: 37

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Juniperus virginiana / Schizachyrium scoparium - (Andropogon gerardii, Sorghastrum nutans) - Silphium (trifoliatum, terebinthinaceum) Wooded Herbaceous Vegetation	Western Tennessee Valley Limestone Hill Barrens	SNR	G2	--	--

Invertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Vertigo teskeyae	Swamp Vertigo	S1	G5	--	--
	Wet habitats, pond margins, swamps, muddy bottomlands; tributary creeks of lower Tennessee River.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acalypha deamii	Deam's Copperleaf	S1	G4?	S	--
	Mesic Woods-Sandbars				
Arabis glabra	Tower-mustard	S1	G5	S	--
	Barrens And Open Floodplains				
Arabis hirsuta	Western Hairy Rockcress	S1	G5	T	--
	Glades And Limestone Bluffs				
Cypripedium kentuckiense	Southern Lady's-slipper	S2	G3	E	--
	Riparian Forests				
Draba cuneifolia	Wedge-leaved Whitlow-grass	S1S2	G5	S	--
	Barrens And Glades				

Decatur County . . . Continued — Known Species: 37

Vascular Plants: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Eleocharis compressa	Flat-stemmed Spike-rush Wet Limestone Glades	S1	G4	S	--
Fimbristylis puberula	Hairy Fimbristylis Wet Prairies And Woods	S1S2	G5	T	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Onosmodium molle ssp. occidentale	Western False Gromwell Glades	S1S2	G4G5T4?	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Polygala mariana	Maryland Milkwort Sandy Alluvial Woods And Disturbed Areas	S1	G5	S	--
Prenanthes aspera	Rough Rattlesnake-root Barrens And Roadsides	S1	G4?	E	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Salvia azurea var. grandiflora	Blue Sage Barrens	S3	G4G5T4?	S	--
Spiranthes magnicamporum	Great Plains Ladies'-tresses Glades	S1	G4	S	--
Symphyotrichum pratense	Barrens Silky Aster Barrens	S1	G4?	E	--

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Chondestes grammacus	Lark Sparrow Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.	S1B	G5	T	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Ichthyomyzon unicuspis	Silver Lamprey Lakes, reservoirs, & large rivers; lower Cumberland, lower Tennessee, and probably Mississippi river watersheds.	S2	G5	D	--

Decatur County . . . Continued — Known Species: 37

Vertebrate Animals: 9 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Decatur --

DeKalb County — Known Species: 43

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex lurida - Carex leptalea - Parnassia grandifolia - Juncus brachycephalus - (Xyris tennesseensis) Herbaceous Vegetation	Highland Rim Parnassia Seepage Fen	SNR	G1	--	--
Scirpus cyperinus - Panicum rigidulum - Rhynchospora corniculata - (Dulichium arundinaceum) Herbaceous Vegetation	Highland Rim Pond (Threeway Sedge Subtype)	S2	G2G3	--	--

Invertebrate Animals: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarus clivosus	Short Mountain Crayfish	S2	G2	--	--
	Occurs in spring- or seep-fed tributaries of Caney Fork & Stones rivers; escarpment of E Highland Rim in Cannon & DeKalb counties.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Kleptochthonius myopius	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; Eastern Highland Rim.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Pleurobema clava	Clubshell	SH	G2	E	LE
	Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumb. & Tenn. rivers.				
Pseudanophthalmus farrelli	A Cave Obligate Beetle	S1S2	G2G3	--	--
	Terrestrial cave obligate; eastern Highland Rim escarpment.				
Pseudanophthalmus tiresias	Indian Grave Point Cave Beetle	S1	G1	--	C
	Terrestrial cave obligate; Eastern Highland Rim; DeKalb County.				
Pseudotremia cercops	A Cave Obligate Millipede	S1	G1	--	--
	Terrestrial cave obligate; Eastern Highland Rim escarpment; reported from Dekalb County.				

DeKalb County . . . Continued — Known Species: 43

Invertebrate Animals: 16 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudotremia lictor	A Cave Obligate Millipede Terrestrial cave obligate; Eastern Highland Rim; DeKalb County.	S1	G1	--	--
Quadrula cylindrica cylindrica	Rabbitsfoot Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.	S3	G3G4T3	--	--
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE

Vascular Plants: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acalypha deamii	Deam's Copperleaf Mesic Woods-Sandbars	S1	G4?	S	--
Allium burdickii	Narrow-leaf Ramps Rich Woods	S1S2	G4G5	T-CE	--
Allium tricoccum	Ramps Rich Woods	S1S2	G5	S-CE	--
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Caulophyllum giganteum	Giant Blue Cohosh Rich Woods	S1	G4G5Q	T	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Elymus svensonii	Svenson's Wild-rye Rocky Bluffs	S2	G3	E	--
Eriogonum longifolium var. harperi	Harper's Umbrella-plant Rocky Bluffs	S1	G4T2	E	--
Erysimum capitatum	Western Wallflower Rocky Bluffs	S1S2	G5	E	--
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--

DeKalb County . . . Continued — Known Species: 43

Vascular Plants: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Prenanthes crepidinea	Nodding Rattlesnake-root Rich Bottomlands	S2	G4	E	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--

Vertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma olivaceum	Sooty Darter Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.	S3	G3	D	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Sorex fumeus	Smoky Shrew Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.	S4	G5	D	--

-- End of DeKalb --

Dickson County — Known Species: 25

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amergoniscus nicholasi	A Cave Obligate Isopod Terrestrial cave obligate; known from two caves; Western Highland Rim and Ridge & Valley.	S1S2	G1G2	--	--
Batrisodes barri	A Cave Obligate Beetle Terrestrial cave obligate; Western Highland Rim; Dickson County.	S1S2	G1G2	--	--
Batrisodes gemmoides	A Cave Obligate Beetle Terrestrial cave obligate; Western Highland Rim; reported from Dickson County.	S1	G1	--	--
Batrisodes gemmus	A Cave Obligate Beetle Terrestrial cave obligate; Western Highland Rim; reported from Dickson County.	S1	G1	--	--
Lithasia geniculata fuliginosa	Geniculate River Snail Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.	S2	G3T3Q	--	--
Ophiogomphus acuminatus	Acuminate Snaketail Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.	S2	G3	--	--

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis oligophylla	Ridge-stem False-foxglove Barrens	S1	G4	E	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Sagittaria graminea	Grassleaf Arrowhead Ponds And Stream Margins	S1	G5	T	--

Dickson County . . . Continued — Known Species: 25

Vascular Plants: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Spiranthes ochroleuca	Yellow Nodding Ladies'-tresses Moist Mountain Woods	SH	G4	E-P	--

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma pseudovulatum	Egg-mimic Darter Small to medium sized, gravelly, cool, spring-fed streams; lower Duck River watershed.	S1	G1	E	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--
Typhlichthys subterraneus	Southern Cavefish Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.	S3	G3G4	D	--

-- End of Dickson --

Dyer County — Known Species: 17

Invertebrate Animals: 2

		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish	S1	G1	E	--
	Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.				
Webbhelix multilineata	Striped Whitelip	S2	G5	--	--
	Low wet habitats, marshes, floodplains, meadows; lake margins; under leaf litter or drift; Mississippi River floodplain.				

Other Types: 1

		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 5

		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex hyalina	Tissue Sedge	S1	G4	S	--
	Forested Bottomland Swamps				
Carex lacustris	Lake-bank Sedge	S1	G5	T	--
	Alluvial Woods				
Didiplis diandra	Water-purslane	S1	G5	T	--
	Swamps				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Zanthoxylum americanum	Northern Prickly-ash	S2	G5	S	--
	Cedar Thickets				

Vertebrate Animals: 9

		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ardea alba	Great Egret	S2B,S3N	G5	D	--
	Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.				
Atractosteus spatula	Alligator Gar	S1	G3G4	D	--
	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Egretta caerulea	Little Blue Heron	S2B,S3N	G5	D	--
	Bodies of calm shallow water; colonial nester.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Scaphirhynchus albus	Pallid Sturgeon	S1	G2	E	LE
	Large, turbid, free-flowing riverine habitat, in strong current over firm gravel or sandy substrates; Mississippi River main channel.				

Dyer County . . . Continued **Known Species: 17**

Vertebrate Animals: 9 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sterna antillarum athalassos	Interior Least Tern	S2S3B	G4T2Q	E	LE
	Mississippi River sand bars & islands, dikes. 				

-- End of Dyer --

Fayette County — Known Species: 16

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lampsilis siliquoidea	Fatmucket	S2	G5	--	--
	Slackwater with mud subst; Wolf R (Miss R trib); west TN; may occur at Reelfoot Lk; also rept Drakes Ck (Cumb R), Sumner Co.				
Obovaria jacksoniana	Southern Hickorynut	S1	G2	--	--
	Rivers with medium-sized gravel substrates and low-mod current; Wolf & Hatchie rivers; Mississippi River watershed; west Tennessee.				
Villosa vibex	Southern Rainbow	S2	G5Q	--	--
	Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.				

Vascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bulbostylis ciliatifolia var. coarctata	Capillary Hairsedge	SH	G5T3T5	E-P	--
	Upland Pine-Oak Woods				
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Festuca paradoxa	Cluster Fescue	S1	G5	S	--
	Wet Woods And Prairies				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Listera australis	Southern Twayblade	S1S2	G4	E	--
	Wet-Mesic Woods				
Penstemon tubiflorus	Small-flowered Beardtongue	S1	G5	S	--
	Moist Woods				
Quercus margarettiae	Sand Post Oak	S1	G5	S	--
	Sandy Hills				

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow	S1B	G3	E	--
	Dry open pine or oak woods; nests on the ground in dense cover.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Fayette --

Fentress County — Known Species: 81

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heuchera parviflora var. parviflora - Trichomanes boschianum - Thalictrum mirabile - (Ageratina luciae-brauniae, Solidago albopilosa) Herbaceous Vegetation	Cumberland Plateau Sandstone Rockhouse	SNR	G2	--	--

Invertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Alasmidonta atropurpurea	Cumberland Elktoe Small creeks to medium-sized rivers with slow current, sand substrates, and large cobble; upper Cumberland River watershed.	S1S2	G1G2	E	LE
Anillinus sp. 5	Flag Trail Cave Beetle Terrestrial cave obligate; northern Cumberlands.	S1	G1	--	--
Appaleptoneta sp. 1	A Leptonetid Spider From Ghost River Cave Terrestrial cave obligate; reported from the northern Cumberlands.	S1	G1	--	--
Batrisodes clypeospecus	A Cave Obligate Beetle Terrestrial cave obligate; northern Cumberlands.	S1S2	G1G2	--	--
Cambarus obeyensis	Obey Crayfish Under cover in small-medium sized streams; headwaters of East Fork Obey River; northern Cumberlands; tertiary burrower.	S2	G2	T	--
Fumonelix wetherbyi	Clifty Covert Under logs & moist leaf litter of wooded hillsides & ravines; northern Cumberlands, Cumberland Mountains & adj. Ridge & Valley.	S2S3	G2G3	--	--
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.	S3	G5	--	--
Lithasia duttoniana	Helmet Rocksnail Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).	S2	G2Q	--	--
Litocampa sp. 6	Buffalo Cove Cave Dipluran Terrestrial cave obligate, northern Cumberlands; possibly endemic to Buffalo Cove, Fentress County.	S1	G1	--	--
Litocampa sp. 8	Mountain Eye Cave Dipluran Terrestrial cave obligate, northern Cumberlands.	S1	G1	--	--
Miktoniscus barri	A Cave Obligate Isopod Terrestrial cave obligate from leaf litter; reported from Western Highland Rim & northern Cumberlands; spotty distribution.	S2?	G2G4	--	--
Nelsonites walteri	A Cave Obligate Beetle Terrestrial cave obligate, northern Cumberlands.	S3	G3G4	--	--
Orconectes australis	Southern Cave Crayfish Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.	S3	G5	--	--
Pleurobema oviforme	Tennessee Clubshell Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.	S2S3	G2G3	--	--
Pseudanophthalmus sp. 30	Ace in the Hole Cave Beetle Terrestrial cave obligate; Fentress County.	S1	G1	--	--

Fentress County . . . Continued — Known Species: 81

Invertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudosinella orba	A Cave Springtail	S2	G3G4	--	--
	Terrestrial cave obligate; reported from two caves in northern Cumberlands; Fentress & Pickett counties.				
Pseudotremia garlandae	Garland's Cave Millipede	S1	G1	--	--
	Terrestrial cave obligate; riparian mud banks in caves of the N Cumberland Plateau; Fentress County.				
Pseudotremia roebuckorum	Roebuck's Cave Millipede	S1	G1	--	--
	Terrestrial cave obligate; collected from riparian mud banks in caves of the N Cumberland Escarpment; Fentress County.				
Scoterpes copei	A Cave Obligate Millipede	S1	G1	--	--
	Terrestrial cave obligate; wet caves of the N Cumberland escarpment; Fentress County.				
Stenotrema angellum	Kentucky Slitmouth	S3	G4	--	--
	Found under logs and leaf litter of forested hillsides and ravines; northern Eastern Highland Rim.				
Triodopsis complanata	Glossy Threetooth	S2	G2	--	--
	Cave associate; also found in leaf litter or around logs or talus; northernmost Cumberlands.				

Nonvascular Plants: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bryoxiphium norvegicum	Sword Moss	S1	G5?	T	--
	Sandstone Rockhouses And Shaded Outcroppings				
Lophocolea appalachiana	A Liverwort	S1	G1G2Q	S	--
	Spray Cliffs				
Microlejeunea globosa	Cardot's Lejeunea	S1	G3?	S	--
	Creekside Edge Of Rockhouse				
Scopelophila cataractae	Agoyan Cataract Moss	S1	G3	S	--
	Rock Houses, Copper-Rich Soils				
Tetrodontium brownianum	Little Georgia	S1	G3G4	S	--
	Montaine Rocky Seeps And Falls				

Vascular Plants: 33		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple	S3	G5	S	--
	Circumneutral Rocky Woods				
Ageratina luciae-brauniae	Lucy Braun's White Snakeroot	S3	G3	T	--
	Rockhouses				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Buckleya distichophylla	Piratebush	S2	G2	T	--
	Rocky Mountain Woods W/ Hemlock				
Campanula aparinoides	Marsh Bellflower	S2	G5	S	--
	Bogs				

Fentress County . . . Continued **Known Species: 81**

Vascular Plants: 33 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex hirtifolia	Pubescent Sedge Lowland Forests	S1S2	G5	S	--
Carex sterilis	Sterile Sedge Wet Calcareous Woods	SH	G4	E-P	--
Conradina verticillata	Cumberland Rosemary Sandy, Rocky River Banks And Bars	S3	G3	T	LT
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Dalea candida	White Prairie-clover Barrens	S2	G5	S	--
Dichanthelium ensifolium ssp. curtifolium	Short-leaved Panic Grass Boggy Areas	S1	G3?	E	--
Dichanthelium ensifolium ssp. ensifolium	Small-leaved Panicgrass Moist Pine Barrens	S2	GNR	S	--
Drosera rotundifolia	Roundleaf Sundew Bogs & Seeps	S1	G5	T	--
Eleocharis equisetoides	Horse-tail Spike-rush Pond Edges And Open Wetlands	S1	G4	E	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Helenium brevifolium	Shortleaf Sneezeweed Rocky, Sandy Streamsides	S1	G4	E	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hymenophyllum tayloriae	Taylor's Filmy Fern Moist Rockhouses	S2	G2	S	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Lycopodiella alopecuroides	Foxtail Clubmoss Wet Acidic Barrens	S2	G5	T	--
Minuartia cumberlandensis	Cumberland Sandwort Rockhouses	S2	G2G3	E	LE
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C

Fentress County . . . Continued — Known Species: 81

Vascular Plants: 33 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Pycnanthemum verticillatum	Whorled Mountain-mint Upland Woods, Thickets	SH	G5	E-P	--
Sagittaria graminea	Grassleaf Arrowhead Ponds And Stream Margins	S1	G5	T	--
Sarracenia oreophila	Green Pitcher Plant Open, Wet Streambanks	SX	G2	E-P	LE
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--
Utricularia subulata	Zigzag Bladderwort Wet Barrens, Ecotones	S1	G5	T	--

Vertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Aquila chrysaetos	Golden Eagle Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.	S1	G5	T	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Desmognathus welteri	Black Mountain Salamander Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.	S3	G4	D	--
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--

Fentress County . . . Continued — Known Species: 81

Vertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina squamata	Olive Darter	S2	G3	D	--
	Small-med rivers; in strong flowing chutes with rubble/boulders in high-gradient streams; portions of upper Tenn & Cumb river systems. 				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Spilogale putorius	Eastern Spotted Skunk	S3	G5	--	--
	Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Fentress --

Franklin County — Known Species: 129

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central Interior Highlands and Appalachian Sinkhole and Depression Pond	Highland Rim Sinkhole and Depression Pond	S2S3	GNR	--	--

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer rubrum var. trilobum - Nyssa sylvatica / Osmunda cinnamomea - Chasmanthium laxum - Carex intumescens / Sphagnum lescurii Forest	Cumberland Forested Acidic Seep	S2S3	G3?	--	--

Invertebrate Animals: 35		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira picta	Painted Tigersnail	S1	G1	E	LT
	A calciphile; limestone outcrops and cliff faces of karstic woods; S Cumberlands; Sherwood community of upper Crow Creek valley.				
Cambarincola alienus	A Cave Obligate Worm	S1	G1G2	--	--
	Aquatic cave obligate; isopod parasite; southern Cumberlands.				
Cambarus hamulatus	Prickly Cave Crayfish	S3	G3G4	--	--
	Aquatic cave obligate; Sequatchie Valley & southern Cumberlands.				
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				
Dactylocythere steevesi	A Cave Obligate Shrimp	S2S3	G4	--	--
	Aquatic cave obligate; crayfish commensal; Cumberland Plateau & Eastern Highland Rim generally.				
Discus clappi	Channelled Disc	S1	G1	--	--
	A calciphile; leaf litter on rocky wooded hillsides & karst woods; southern Cumberlands; Franklin County.				
Eremidrilus allegheniensis	A Cave Obligate Worm	S1S2	G1G2	--	--
	Aquatic cave obligate; rimstone pools & subterranean waters; reported from S Cumberlands; Franklin County.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Inflectarius smithi	Alabama Shagreen	S2	G2	--	--
	A calciphile; karst woods, hillsides, ravines; under logs and rocks; southern Cumberlands; Franklin County.				
Kleptochthonius magnus	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; southern Cumberlands.				
Kleptochthonius tantalus	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; southern Cumberlands.				

Franklin County . . . Continued — Known Species: 129

Invertebrate Animals: 35 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lampsilis virescens	Alabama Lampmussel	S1	G1	E	LE
	Found in sand and gravel substrates in shoal areas of small-medium size rivers; middle and upper TN R system; poss extirpated in TN.				
Leptoxis umbilicata	Umbilicate Rocksnail	S1	G1Q	--	--
	Medium sized rivers & large creeks in portions of lower Cumb. and Tenn. river systems; Stones River; possibly a form or morph.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia lima	Warty Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; Elk River & larger tributaries (Tennessee River watershed).				
Litocampa sp. 5	A Cave Dipluran From TN	S1	G2	--	--
	Terrestrial cave obligate, Cumberland Plateau escarpment.				
Litocampa valentinei	A Cave Obligate Bristletail	S2	G5	--	--
	Terrestrial cave obligate, southern Cumberlands.				
Mesodon sanus	Squat Globelet	S2S3	G3	--	--
	A calciphile; in leaf litter of karst woods, hillsides, ravines; southern Cumberlands; Franklin & Marion counties.				
Orconectes australis	Southern Cave Crayfish	S3	G5	--	--
	Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.				
Pegias fabula	Littlewing Pearlymussel	S1	G1	E	LE
	Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Porhomma cavernicola	Appalachian Cave Spider	S1?	G5	--	--
	Terrestrial cave obligate; eastern half of Tennessee; sporadic.				
Pseudanophthalmus humeralis	A Ground Beetle	S2	G2	--	--
	Terrestrial cave obligate; southern Cumberlands.				
Pseudosinella christianseni	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.				
Ptomaphagus fecundus	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Franklin County; Highland Rim escarpment.				
Ptychobranchus subtentum	Fluted Kidneyshell	S2	G2	--	C
	Small-medium rivers in swift current or riffles, in sand, gravel, and cobble substrates; Tennessee & Cumberland river systems.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				

Franklin County . . . Continued — Known Species: 129

Invertebrate Animals: 35 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Stygobromus vitreus	An Amphipod	S2	G4	--	--
	Aquatic cave obligate; pools in wet caves; northernmost Highland Rim and southernmost Cumberlands.				
Tetracion jonesi	A Cave Obligate Millipede	S1S2	G3G4	--	--
	Terrestrial cave obligate; reported from three caves in S Cumberlands; Franklin County.				
Toxolasma cylindrellus	Pale Lilliput	S1	G1	E	LE
	Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.				
Toxolasma lividus	Purple Lilliput	S1S2	G2	--	--
	Small-medium sized rivers & lg creeks, in mud, sand, & gravel substrates; Tenn. & Cumberland river systems in headwater areas.				
Tyrannochthonius fiskei	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; reported from one cave in the S Cumberlands; Franklin County.				
Zonitoides lateumbilicatus	Striate Gloss	S2?	G3G4	--	--
	A calciphile; found in leaf litter of shady karst woods, ravines; sometimes near springs or seeps; spotty distribution in Cumberlands.				

Nonvascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				
Microlejeunea globosa	Cardot's Lejeunea	S1	G3?	S	--
	Creekside Edge Of Rockhouse				
Pellia appalachiana		S2	G4	S	--
	Wet Soil, Barrens				

Vascular Plants: 63		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple	S3	G5	S	--
	Circumneutral Rocky Woods				
Agalinis oligophylla	Ridge-stem False-foxglove	S1	G4	E	--
	Barrens				
Allium tricoccum	Ramps	S1S2	G5	S-CE	--
	Rich Woods				
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge	S1	G5?T3	S	--
	Wooded Bluffs, Floodplains				
Carex vestita	Velvety Sedge	SH	G5	E-P	--
	Dry To Moist Woods				
Clematis glaucophylla	White-leaved Leatherflower	S1	G4?	E	--
	Wooded Stream Banks				

Franklin County . . . Continued **Known Species: 129**

Vascular Plants: 63 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Clematis morefieldii	Morefield's Leather-flower Seeps/Springs In Rocky Limestone Woods	S1	G2	E	LE
Cotinus obovatus	American Smoketree Dry, Circumneutral Soil	S2	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Cypripedium kentuckiense	Southern Lady's-slipper Riparian Forests	S2	G3	E	--
Dalea candida	White Prairie-clover Barrens	S2	G5	S	--
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Dichanthelium ensifolium ssp. curtifolium	Short-leaved Panic Grass Boggy Areas	S1	G3?	E	--
Drosera brevifolia	Dwarf Sundew Wet Barrens And Ecotones	S2	G5	T	--
Eleocharis equisetoides	Horse-tail Spike-rush Pond Edges And Open Wetlands	S1	G4	E	--
Eleocharis wolfii	Wolf Spike-rush Wet Woods On Floodplains	S1	G3G4	E	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Festuca paradoxa	Cluster Fescue Wet Woods And Prairies	S1	G5	S	--
Fimbristylis perpusilla	Harper's Fimbristylis Depressions In Low Woods	S1	G2	E	--
Gaylussacia dumosa	Dwarf Huckleberry Barrens	S3	G5	T	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Gratiola floridana	Florida Hedge-hyssop Wooded Swamps	S1	G4	E	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrolea ovata	Ovate Fiddleleaf Ponds And Swamps	S1	G5	S	--
Iris prismatica	Slender Blue Flag Wet Barrens	S2S3	G4G5	T	--

Franklin County . . . Continued **Known Species: 129**

Vascular Plants: 63 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Lonicera flava	Yellow Honeysuckle Rocky Woods And Thickets	S1	G5?	T	--
Ludwigia sphaerocarpa	Globe-fruited False-loosestrife Swamps And Shallow Pools	S1	G5	T	--
Marshallia trinervia	Broad-leaved Barbara's-buttons Rocky Ravines	S2S3	G3	T	--
Melanthium woodii	Ozark Bunchflower Rich Wooded Slopes	S1	G5	E	--
Myriophyllum pinnatum	Cutleaf Water-milfoil Acidic Wetland And Ponds	S1	G5	T	--
Neviusia alabamensis	Alabama Snow-wreath Upland Woods	S2	G2	T	--
Onosmodium molle ssp. subsetosum	Smooth False Gromwell Limestone Woods	S1	G4G5T4?	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Plantago cordata	Heart-leaved Plantain Limestone Creek Beds	S1	G4	E	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Polygala mariana	Maryland Milkwort Sandy Alluvial Woods And Disturbed Areas	S1	G5	S	--
Ponthieva racemosa	Shadow-witch Wet Woods	S1	G4G5	E	--
Prenanthes aspera	Rough Rattlesnake-root Barrens And Roadsides	S1	G4?	E	--
Prunus pumila	Sand Cherry Barrens	S1	G5	E	--
Ranunculus flabellaris	Yellow Water-crowfoot Ponds And Marshes	S2	G5	T	--

Franklin County . . . Continued — Known Species: 129

Vascular Plants: 63 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Rhynchospora perplexa	Obscure Beak-rush Marshes, Wet Barrens	S2	G5	T	--
Silphium brachiatum	Cumberland Rosinweed Rich Rocky Woods	S2	G2G3	E	--
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Solidago auriculata	Eared Goldenrod Dry Woods	S1	G4	T	--
Solidago ptarmicoides	Prairie Goldenrod Barrens	S1S2	G5	E	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Talinum teretifolium	Roundleaf Fameflower Dry Sandy Rock Outcrops	S2	G4	T	--
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--
Viburnum bracteatum	Limerock Arrowwood Rocky Rich Woods	S1	G1G2	E	--
Viola tripartita var. tripartita	Three-parted Violet Wooded Slopes	S2S3	G5T3	S	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--
Xyris laxifolia var. iridifolia	Wide-leaved Yellow-eyed Grass Pond Margins And Marshes	S2	G4G5T4T5	T	--
Zigadenus leimanthoides	Death-camas Acidic Wetlands	S2	G4Q	T	--

Vertebrate Animals: 26		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--

Franklin County . . . Continued — Known Species: 129

Vertebrate Animals: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Moxostoma lacerum	Harelip Sucker	SX	GX	D	--
	Medium to large, warm, sluggish streams with relatively low turbidity and silt levels; presumed extinct.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				

Franklin County . . . Continued — Known Species: 129

Vertebrate Animals: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Spilogale putorius	Eastern Spotted Skunk	S3	G5	--	--
	Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Franklin --

Gibson County — Known Species: 14

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish	S1	G1	E	--
	Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Silphium laciniatum	Compass Plant	S2	G5	T	--
	Barrens				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk	S3B,S4N	G5	D	No Status
	Forests and open woodlands.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Gibson --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Giles County — Known Species: 28

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lithasia lima	Warty Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; Elk River & larger tributaries (Tennessee River watershed).				
Toxolasma lividus	Purple Lilliput	S1S2	G2	--	--
	Small-medium sized rivers & lg creeks, in mud, sand, & gravel substrates; Tenn. & Cumberland river systems in headwater areas.				

Vascular Plants: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Apios priceana	Price's Potato-bean	S2	G2	E	LT
	Openings In Rich Woods				
Arenaria lanuginosa	Wooly Sandwort	S1	G5	E	--
	Bluffs				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Helianthus eggertii	Eggert's Sunflower	S3	G3	S	DM
	Barrens And Roadsides				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Leavenworthia exigua var. exigua	Glade-cress	S3	G4T3	S	--
	Glades				
Lesquerella densipila	Duck River Bladderpod	S3	G3	T	--
	Cultivated Fields				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Perideridia americana	Thicket Parsley	S2	G4	E	--
	Cedar Barrens				

Giles County . . . Continued — Known Species: 28

Vascular Plants: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--

Vertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma wapiti	Boulder Darter Fast rocky riffles of small to medium rivers & large creeks; Elk River watershed.	S1	G1	E	LE, XN
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Moxostoma lacerum	Harelip Sucker Medium to large, warm, sluggish streams with relatively low turbidity and silt levels; presumed extinct.	SX	GX	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Percina tanasi	Snail Darter Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.	S2S3	G2G3	T	LT
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--
Tyto alba	Barn Owl Open and partly open country, often around human habitation; farms.	S3	G5	D	--

-- End of Giles --

Grainger County — Known Species: 33

Invertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Nesticus tennesseensis	Tennessee cave spider	S2S4	G3G4	--	--
	Terrestrial cave associate or possibly obligate; east Tennessee.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Pseudotremia deprehendor	A Cave Obligate Millipede	S1?	G2G3	--	--
	Terrestrial cave obligate; northern Ridge & Valley caves; east Tennessee.				
Ptychobranchus subtentum	Fluted Kidneyshell	S2	G2	--	C
	Small-medium rivers in swift current or riffles, in sand, gravel, and cobble substrates; Tennessee & Cumberland river systems.				

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Grimmia olneyi	Grimmia Moss	SH	G3G5	S	--
	High Elev. Dry Rocks And Cliffs				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Grainger County . . . Continued — Known Species: 33

Vascular Plants: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Botrychium jenmanii	Alabama Grapefern Pine Woods	S1	G3G4	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Eleocharis intermedia	Matted Spike-rush Wet Areas	S1	G5	E	--
Eurybia schreberi	Schreber's Aster Mesic Woods & Seepage Slopes	S1	G4	S	--
Fothergilla major	Mountain Witch-alder Rocky Slopes And River Banks	S2	G3	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Phlox subulata	Moss Phlox Shaley Slopes	S1	G5	T	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Ruellia purshiana	Pursh's Wild-petunia Dry Woods	S1S2	G3	S	--

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Percina aurantiaca	Tangerine Darter Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	S3	G4	D	--

Grainger County . . . Continued — Known Species: 33

Vertebrate Animals: 6 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				

-- End of Grainger --

Greene County — Known Species: 70

Invertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Caecidotea nortoni	A Cave Obligate Isopod	S1S2	G2G3	--	--
	Aquatic cave obligate; eastern Ridge & Valley.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Fumonelix wheatleyi	Cinnamon Covert	S3	G4	--	--
	Leaf litter, logs, talus in mixed woodlands, coves @ mid-upper elevations of Blue Ridge; Blount, Carter, Cocke, Monroe, & Sevier cos.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Paravitrea lamellidens	Lamellate Supercoil	S2	G2	--	--
	Deep, moist leaf litter below boulder slopes, bluffs; boggy seeps; forested hillsides & ravines; central & southern Blue Ridge.				
Quadrula cylindrica strigillata	Rough Rabbitsfoot	S2	G3G4T2	E	LE
	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Stenotrema altispira	Highland Slitmouth	S2?	G3	--	--
	Leaf litter, logs, talus in mixed woodland, spring fed slopes; higher elevations of central & N Blue Ridge; northeast Tennessee.				
Trechus caliginis	A Carabid Beetle	S1	GNR	--	--
	Terrestrial; known only from summit of Camp Creek Bald; Blue Ridge mountains; Greene County.				
Trechus hydropicus beutenmuelleri	A Carabid Beetle	S2S3	GNRTNR	--	--
	Terrestrial; under moss, rocks in ravines, under and inside rotting logs, or in spruce and fir needle duff above 5000 ft; Blue Ridge.				
Trechus inexpectatus	A Carabid Beetle	S1	GNR	--	--
	Terrestrial; known only from summit of Camp Creek Bald; Blue Ridge mountains; Greene County.				
Trechus vandykei	A Carabid Beetle	S3?	GNR	--	--
	Terrestrial; found in leafmold or under moss mats; Camp Creek Bald & Unaka Mountain; Blue Ridge; Greene & Unicoi counties.				
Villosa fabalis	Rayed Bean	S1	G2	--	C
	Riffles of medium-small rivers & creeks, in gravel & sand substrates associated with Justicia americana; Tennessee River watershed.				

Greene County . . . Continued — Known Species: 70

Invertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 37		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Asclepias purpurascens	Purple Milkweed Barrens	S1	G5?	S	--
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Buckleya distichophylla	Piratebush Rocky Mountain Woods W/ Hemlock	S2	G2	T	--
Caltha palustris	Marsh Marigold Bogs	S1	G5	E	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Caulophyllum giganteum	Giant Blue Cohosh Rich Woods	S1	G4G5Q	T	--
Chrysogonum virginianum	Green-and-gold Dry Woods And Openings	S2	G5	T	--
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Coreopsis latifolia	Broad-leaved Tickseed Streamheads	S1S2	G3	E	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Epilobium ciliatum	Hairy Willow-herb Mountain Balds	S1	G5	T	--
Fothergilla major	Mountain Witch-alder Rocky Slopes And River Banks	S2	G3	T	--

Greene County . . . Continued — Known Species: 70

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gentiana austromontana	Appalachian Gentian High Elevation Open Woods	S3	G3	S	--
Helianthus glaucophyllus	White-leaved Sunflower Dry Open Woods	S1	G3	T	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Heuchera longiflora var. aceroides	Maple-leaf Alumroot Moist Ravines	S2	G4T2Q	S	--
Hydrocotyle americana	American Water-pennywort Wet Soils And Pools	S1	G5	E	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera grandiflora	Large Purple Fringed Orchid Wet Meadows And Open Woods	S2	G5	E	--
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--
Poa palustris	Fowl Bluegrass Wet Balds	S1	G5	E	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Thaspium pinnatifidum	Cutleaf Meadow-parsnip Calcareous Forests And Woodlands	S1	G2G3	E	--
Thermopsis fraxinifolia	Ash-leaved Bush-pea Roadsides And Dry Open Woods	S3	G3?	T	--

Greene County . . . Continued — Known Species: 70

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Trientalis borealis	Northern Starflower Mountain Hardwood Forests	S1	G5	T	--
Xerophyllum asphodeloides	Eastern Turkeybeard Dry Oak Or Piney Woods	S3	G4	T	--

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Desmognathus wrighti	Pygmy Salamander Mature hardwoods & spruce-fir forests under moss, leaf litter, logs, bark, and rocks; high elevations; Blue Ridge.	S2S3	G3G4	D	--
Etheostoma acuticeps	Sharphead Darter Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.	S2S3	G3	--	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--
Noturus crypticus	Chucky Madtom Stream runs with slow to moderate current over pea gravel, cobble, or slabrock; Little Chucky Creek; Nolichucky River system.	S1	G1	E	C
Parascalops breweri	Hairy-tailed Mole Moist soils in deciduous forests with thick humus; east Tennessee.	S3	G5	D	--
Percina aurantiaca	Tangerine Darter Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	S3	G4	D	--
Percina tanasi	Snail Darter Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.	S2S3	G2G3	T	LT
Sorex fumeus	Smoky Shrew Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.	S4	G5	D	--
Synaptomys cooperi	Southern Bog Lemming Marshy meadows, wet balds, & rich upland forests.	S4	G5	D	--
Tyto alba	Barn Owl Open and partly open country, often around human habitation; farms.	S3	G5	D	--

-- End of Greene --

Grundy County — Known Species: 79

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Panicum hemitomon - Dulichium arundinaceum Herbaceous Vegetation	Highland Rim Maidencane Pond	S1	G1	--	--

Invertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Alasmidonta atropurpurea	Cumberland Elktoe	S1S2	G1G2	E	LE
	Small creeks to medium-sized rivers with slow current, sand substrates, and large cobble; upper Cumberland River watershed.				
Anguispira alabama	Alabama Tigersnail	S2	G2	--	--
	A calciphile; limestone outcrops and cliff faces of karstic woods; southern Cumberlands.				
Anthrobia mammouthia	Mammoth Cave spider	S1	G5	--	--
	Terrestrial cave obligate; reported from a handful of caves in the middle Cumberlands; Bledsoe, Grundy, & Van Buren counties.				
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				
Chitrella archeri	A Cave Obligate Pseudoscorpion	S1S2	G1G2	--	--
	Terrestrial cave obligate; associated with bat guano in caves of eastern middle Tennessee.				
Diacyclops yeatmani	Yeatman's Groundwater Copepod	S1	G2G3	--	--
	Aquatic cave obligate; central & southern Cumberlands generally; possibly part of a species complex.				
Helicodiscus notius specus	A Terrestrial Snail	S1?	G5T2	--	--
	Cave obligate; feeds on cricket guano; Ridge & Valley and Eastern Highland Rim (tentatively).				
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion	S3	G5	--	--
	Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.				
Kleptochthonius barri	A Cave Obligate Pseudoscorpion	S1S2	G1G2	--	--
	Terrestrial cave obligate; southern Cumberlands.				
Litocampa sp. 5	A Cave Dipluran From TN	S1	G2	--	--
	Terrestrial cave obligate, Cumberland Plateau escarpment.				
Litocampa valentinei	A Cave Obligate Bristletail	S2	G5	--	--
	Terrestrial cave obligate, southern Cumberlands.				
Orconectes australis	Southern Cave Crayfish	S3	G5	--	--
	Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.				
Pleurobema gibberum	Cumberland Pigtoe	S1	G1	E	LE
	Shallow areas in small-medium rivers in riffles with sand and gravel substrates; tribs of Cumberland River & poss TN R, middle Tenn.				
Porhomma cavernicola	Appalachian Cave Spider	S1?	G5	--	--
	Terrestrial cave obligate; eastern half of Tennessee; sporadic.				
Pseudanophthalmus humeralis	A Ground Beetle	S2	G2	--	--
	Terrestrial cave obligate; southern Cumberlands.				

Grundy County . . . Continued — Known Species: 79

Invertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudanophthalmus macradei	A Cave Obligate Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; middle Cumberlands.				
Pseudanophthalmus templetoni	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Collins River basin.				
Pseudosinella christianseni	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.				
Pseudosinella spinosa	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; middle and southern Cumberlands.				
Toxolasma cylindrellus	Pale Lilliput	S1	G1	E	LE
	Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.				
Toxolasma lividus	Purple Lilliput	S1S2	G2	--	--
	Small-medium sized rivers & lg creeks, in mud, sand, & gravel substrates; Tenn. & Cumberland river systems in headwater areas.				

Nonvascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cololejeunea ornata	Ornate Cololejeunea	S1	G2G4	T	--
	Sinks & High Humidity Areas On Limestone				
Lejeunea blomquistii	Blomquist Leafy Liverwort	S1S2	G1G2	S	--
	Mid Elev. Gorges On Rock Or Bark				
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				
Radula voluta	A Liverwort	S2	G3	S	--
	Shady Moist Boulders By Waterfalls Or Sreams				

Vascular Plants: 33		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium tricoccum	Ramps	S1S2	G5	S-CE	--
	Rich Woods				
Carex echinata ssp. echinata	Little Prickly Sedge	S1?	G5T5	S	--
	Swamps And Bogs				
Carex hitchcockiana	Hitchcock's Sedge	S1	G5	T	--
	Rich Moist Woods				
Cotinus obovatus	American Smoketree	S2	G4	S	--
	Dry, Circumneutral Soil				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Diamorpha smallii	Small's Stonecrop	S1S2	G4	E	--
	Sandstone Outcrops				
Eleocharis wolfii	Wolf Spike-rush	S1	G3G4	E	--
	Wet Woods On Floodplains				

Grundy County . . . Continued — Known Species: 79

Vascular Plants: 33 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gaylussacia dumosa	Dwarf Huckleberry Barrens	S3	G5	T	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Marshallia trinervia	Broad-leaved Barbara's-buttons Rocky Ravines	S2S3	G3	T	--
Melanthium woodii	Ozark Bunchflower Rich Wooded Slopes	S1	G5	E	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Neobeckia aquatica	Lake Cress Gum Or Cypress Swamps	S2	G4?	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Panicum hemitomon	Maidencane Ponds In Barrens	S2	G5?	S	--
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Poa saltuensis	Drooping Bluegrass Rich Oak Woods	S1	G5	T	--
Sparganium androcladum	Branching Bur-reed Slow Flowing Streams And Rivers, Ponds	S1	G4G5	E	--

Grundy County . . . Continued — Known Species: 79

Vascular Plants: 33 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Talinum teretifolium	Roundleaf Fameflower Dry Sandy Rock Outcrops	S2	G4	T	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Vaccinium macrocarpon	Cranberry Bogs	S2	G4	T	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--
Zigadenus leimanthoides	Death-camas Acidic Wetlands	S2	G4Q	T	--

Vertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Botaurus lentiginosus	American Bittern Lake and pond edges with plentiful vegetation, and wetlands created by impoundments; rare nester.	S1	G4	--	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma sp. D	Bluemask (Jewel) Darter Streams with slow to moderate current over clean sand and fine gravel; Caney Fork River system (above Great Falls Reservoir).	S1	G1	E	LE
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Fundulus julisia	Barrens Topminnow Springs, spring runs, and first- and second-order headwaters and creeks in the Barrens of Cannon, Coffee, & Warren counties.	S1	G1	E	--
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--

Grundy County . . . Continued — Known Species: 79

Vertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Rallus elegans	King Rail	S2	G4	D	--
	Marshes, upland-wetland marsh edges, flooded farmlands, shrub swamps.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Grundy --

Hamblen County — Known Species: 14

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Delophon holti	A Millipede	S1	GNR	--	--
	Terrestrial; moist, wooded sinkholes in karst; northern Ridge & Valley; Hamblen County.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Ventridens coelaxis	Bidentate Dome	S2S3	G3	--	--
	In leaf litter on mountainsides, often at higher elevations; northernmost Blue Ridge and Ridge & Valley.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Botrychium jenmanii	Alabama Grapefern	S1	G3G4	T	--
	Pine Woods				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Phlox subulata	Moss Phlox	S1	G5	T	--
	Shaley Slopes				

Vertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker	S2S3	G4G5	D	--
	Large rivers, mostly in Tennessee River drainage.				
Erimystax cahni	Slender Chub	S1	G1	T	LT
	Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.				
Etheostoma acuticeps	Sharphead Darter	S2S3	G3	--	--
	Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				

-- End of Hamblen --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Hamilton County — Known Species: 69

Invertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarus extraneus	Chickamauga Crayfish	S1S2	G2	T	--
	Springs & small to medium sized streams under rocks or in vegetation; South Chickamauga Creek watershed, Hamilton County.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Nesticus furtivus	Crystal Caverns Cave Spider	S1	G1	--	--
	Terrestrial cave obligate, S Cumberlands; Hamilton County; known only from the type locality.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Stygobromus nortoni	Norton's Cave Amphipod	SH	G2G3	--	--
	Aquatic cave obligate, from pools; Eastern Highland Rim and Ridge & Valley.				

Nonvascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lejeunea blomquistii	Blomquist Leafy Liverwort	S1S2	G1G2	S	--
	Mid Elev. Gorges On Rock Or Bark				
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				
Metzgeria uncigera	Metzgeria	S1	G3	S	--
	Bark Of American Holly				
Microlejeunea globosa	Cardot's Lejeunea	S1	G3?	S	--
	Creekside Edge Of Rockhouse				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 40		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple	S3	G5	S	--
	Circumneutral Rocky Woods				
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Castanea dentata	American Chestnut	S2S3	G4	S	--
	Mesic To Dry Forests				

Hamilton County . . . Continued **Known Species: 69**

Vascular Plants: 40 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Clematis glaucophylla	White-leaved Leatherflower Wooded Stream Banks	S1	G4?	E	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Danthonia epilis	Bog Oat-grass Acidic Seeps	S1S2	G3G4	S	--
Delphinium exaltatum	Tall Larkspur Glades And Barrens	S2	G3	E	--
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--
Galium uniflorum	Fragrant Bedstraw Dry Woods	S1	G4G5	S	--
Gelsemium sempervirens	Yellow Jessamine Dry Openings	S1S2	G5	S	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Gratiola floridana	Florida Hedge-hyssop Wooded Swamps	S1	G4	E	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Isotria medeoloides	Small Whorled Pogonia Mid-Elevation Dry Woods	S1	G2	E	LT
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Lonicera flava	Yellow Honeysuckle Rocky Woods And Thickets	S1	G5?	T	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Nestronia umbellula	Nestronia Upland Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Hamilton County . . . Continued **Known Species: 69**

Vascular Plants: 40 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Ribes curvatum	Granite Gooseberry Rocky Woods	S1	G4	T	--
Sabatia capitata	Cumberland Rose Gentian Dry Open Woods, Powerlines	S2	G2	E	--
Sacciolepis striata	Gibbous Panic-grass Floodplains And Shallow Pools	S1	G5	S	--
Sagittaria platyphylla	Ovate-leaved Arrowhead Swamps, Emmergent	S2S3	G5	S	--
Scutellaria montana	Large-flowered Skullcap Escarpments, Dry Woods	S2	G3	T	LT
Silphium laciniatum	Compass Plant Barrens	S2	G5	T	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Stylisma humistrata	Southern Morning-glory Dry Piney Woods	S1	G4G5	T	--
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Talinum teretifolium	Roundleaf Fameflower Dry Sandy Rock Outcrops	S2	G4	T	--
Thermopsis mollis	Allegheny Mountain golden banner Upland Woods	S2S3	G3G4	S	--
Trillium lancifolium	Narrow-leaved Trillium Alluvial Woods And Moist Ravines	S1	G3	E	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Viola tripartita var. tripartita	Three-parted Violet Wooded Slopes	S2S3	G5T3	S	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--

Hamilton County . . . Continued — Known Species: 69

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				
Carpiodes velifer	Highfin Carpsucker	S2S3	G4G5	D	--
	Large rivers, mostly in Tennessee River drainage.				
Falco peregrinus	Peregrine Falcon	S1B	G4	E	No Status
	Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Rallus elegans	King Rail	S2	G4	D	--
	Marshes, upland-wetland marsh edges, flooded farmlands, shrub swamps.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Hamilton --

Hancock County — Known Species: 51

Invertebrate Animals: 27		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Ligidium elrodii hancockensis	A Cave Obligate Isopod	S1?	G4G5T1T2	--	--
	Terrestrial cave obligate; in wet organic debris; northern Ridge & Valley.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Obovaria subrotunda	Round Hickorynut	S2S3	G4	--	--
	Medium-large rivers in sand and gravel subst with moderate flow; TN & Cumb rivers; also Red River in Robertson Co., W Highland Rim.				
Plethobasus cyphyus	Sheepnose	S2S3	G3	--	C
	Large to medium-sized rivers, in riffles and coarse sand/gravel subst; TN & Cumb river systems incl KY Reservoir; W Uplands & Rim.				

Hancock County . . . Continued — Known Species: 51

Invertebrate Animals: 27 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Pleurobema rubrum	Pyramid Pigtoe	S1S2	G2G3	--	--
	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.				
Pseudanophthalmus longiceps	Long-headed Cave Beetle	S1	G1G2	--	--
	Terrestrial cave obligate; Ridge & Valley.				
Pseudanophthalmus rotundatus	A Ground Beetle	S2	G2G3	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Ptychobranchus subtentum	Fluted Kidneyshell	S2	G2	--	C
	Small-medium rivers in swift current or riffles, in sand, gravel, and cobble substrates; Tennessee & Cumberland river systems.				
Quadrula cylindrica strigillata	Rough Rabbitsfoot	S2	G3G4T2	E	LE
	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Quadrula sparsa	Appalachian Monkeyface	S1	G1	E	LE
	Headwater sections of rivers in shallow riffles/runs with sand-gravel substrate & moderate current; upper Tennessee River drainage.				
Villosa perpurpurea	Purple Bean	S1	G1	E	LE
	Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.				

Vascular Plants: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Draba ramosissima	Branching Whitlow-grass	S2	G4	S	--
	Calcareous Bluffs				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Lilium canadense	Canada Lily	S3	G5	T	--
	Rich Woods And Seeps				
Lonicera dioica	Mountain Honeysuckle	S2	G5	S	--
	Mountain Woods And Thickets				
Meehania cordata	Heartleaf Meehania	S2	G5	T	--
	Wooded Mountain Slopes				
Scutellaria saxatilis	Rock Skullcap	S3	G3	T	--
	Rocky Woods And Moist Cliffs				

Hancock County . . . Continued — Known Species: 51

Vascular Plants: 8 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--

Vertebrate Animals: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Erimystax cahni	Slender Chub Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.	S1	G1	T	LT
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma denoncourti	Golden Darter Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.	S2	G2	--	--
Etheostoma tippecanoe	Tippecanoe Darter Medium to large rivers in shallow riffle areas containing fine cherty gravel; Cumberland River watershed.	S1S2	G3G4	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Noturus flavipinnis	Yellowfin Madtom Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.	S1	G1	E	LT,XN
Noturus stanauli	Pygmy Madtom Medium to large rivers with moderate to strong current over gravel substrates; Tennessee River watershed.	S1	G1	E	LE
Percina aurantiaca	Tangerine Darter Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	S3	G4	D	--
Percina burtoni	Blotchside Logperch Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.	S2	G2G3	D	--
Phoxinus tennesseensis	Tennessee Dace First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.	S3	G3	D	--

-- End of Hancock --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Hardeman County — Known Species: 18

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.	S1	G1	E	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ceratophyllum echinatum	Prickly Hornwort Slow Moving Streams	S1	G4?	S	--
Magnolia virginiana	Sweetbay Magnolia Forested Acidic Wetlands	S2	G5	T	--
Symplocos tinctoria	Horse-sugar Floodplains And Moist Ravines	S2	G5	S	--

Vertebrate Animals: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammocrypta beani	Naked Sand Darter Shifting sand bottoms & sandy runs; Hatchie River & larger tribs.	S2	G5	D	--
Ammocrypta vivax	Scaly Sand Darter Small to medium rivers with sandy substrate; Hatchie & Buffalo rivers.	S2	G5	D	--
Chondestes grammacus	Lark Sparrow Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.	S1B	G5	T	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Hyla gratiosa	Barking Treefrog Low wet woods and swamps esp. with ephemeral ponds.	S3	G5	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Noturus gladiator	Piebald Madtom Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.	S3	G3	D	--
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.	S2S3	G5T5	T	--

Hardeman County . . . Continued — Known Species: 18

Vertebrate Animals: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Hardeman --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Hardin County — Known Species: 43

Invertebrate Animals: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Ophiogomphus acuminatus	Acuminate Snaketail	S2	G3	--	--
	Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.				
Orconectes wrighti	Hardin Crayfish	S2	G2	E	--
	Small-medium sized streams with cobble-sand substrates, under rocks or in leaf litter; western tribs of the Tennessee River in Hardin & McNairy counties.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema clava	Clubshell	SH	G2	E	LE
	Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumb. & Tenn. rivers.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				

Hardin County . . . Continued — Known Species: 43

Vascular Plants: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex lacustris	Lake-bank Sedge Alluvial Woods	S1	G5	T	--
Didiplis diandra	Water-purslane Swamps	S1	G5	T	--
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Iris brevicaulis	Lamance Iris Bottomlands	S1	G4	E	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Melanthium virginicum	Virginia Bunchflower Wet Woods And Fields	S1	G5	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Polygala mariana	Maryland Milkwort Sandy Alluvial Woods And Disturbed Areas	S1	G5	S	--
Salvia azurea var. grandiflora	Blue Sage Barrens	S3	G4G5T4?	S	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Chondestes grammacus	Lark Sparrow Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.	S1B	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Egretta caerulea	Little Blue Heron Bodies of calm shallow water; colonial nester.	S2B,S3N	G5	D	--
Etheostoma tuscumbia	Tuscumbia Darter Ponded spring-fed habitats of valley floor springs; lower Tennessee River; probably extirpated from TN.	SX	G2	D	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--

Hardin County . . . Continued — Known Species: 43

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Ichthyomyzon gagei	Southern Brook Lamprey	S1	G5	D	--
	Gravel and sand riffles and runs of small rivers and creeks; Conasauga & lower Tennessee river watersheds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Hardin --

Hawkins County — Known Species: 41

Invertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Nesticus tennesseensis	Tennessee cave spider	S2S4	G3G4	--	--
	Terrestrial cave associate or possibly obligate; east Tennessee.				
Pseudanophthalmus paradoxus	Ridgetop Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; northern Ridge & Valley.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Villosa perpurpurea	Purple Bean	S1	G1	E	LE
	Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.				
Villosa trabalis	Cumberland Bean	S1	G1	E	LE
	Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Draba ramosissima	Branching Whitlow-grass	S2	G4	S	--
	Calcareous Bluffs				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Leucothoe racemosa	Fetter-bush	S2	G5	T	--
	Acidic Wetlands And Swamps				

Hawkins County . . . Continued — Known Species: 41

Vascular Plants: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Paxistima canbyi	Canby's Mountain-lover Rocky, Mountain Woods	S1	G2	E	--
Pieris floribunda	Mountain Fetter-bush Heath Thickets	S2	G4	T	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--

Vertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Erimystax cahni	Slender Chub Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.	S1	G1	T	LT
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Napaeozapus insignis	Woodland Jumping Mouse Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.	S4	G5	D	--
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Parascalops breweri	Hairy-tailed Mole Moist soils in deciduous forests with thick humus; east Tennessee.	S3	G5	D	--

Hawkins County . . . Continued — Known Species: 41

Vertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Passerculus sandwichensis	Savannah Sparrow	S1B,S4N	G5	--	--
	Grassland habitats, away from cultivated fields and fence lines; reported from Ridge & Valley and Western Highland Rim.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Hawkins --

Haywood County — Known Species: 16

Invertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Obovaria jacksoniana	Southern Hickorynut	S1	G2	--	--
	Rivers with medium-sized gravel substrates and low-mod current; Wolf & Hatchie rivers; Mississippi River watershed; west Tennessee.				
Villosa vibex	Southern Rainbow	S2	G5Q	--	--
	Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.				

Vascular Plants: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Agalinis heterophylla	Prairie False-foxglove	S1	G4G5	T	--
	Barrens				
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Ceratophyllum echinatum	Prickly Hornwort	S1	G4?	S	--
	Slow Moving Streams				
Ulmus crassifolia	Cedar Elm	S2	G5	S	--
	Swamps				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammocrypta beani	Naked Sand Darter	S2	G5	D	--
	Shifting sand bottoms & sandy runs; Hatchie River & larger tribs.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Neotoma floridana illinoensis	Eastern Woodrat	S3	G5T5	D	--
	Forested areas, caves & outcrops; west Tennessee generally.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				

-- End of Haywood --

Henderson County — Known Species: 14

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Fuirena squarrosa	Hairy Umbrella-sedge Stream And Lake Margins	S1	G4G5	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pilularia americana	American Pillwort Lake Drawdown Zones	S1S2	G5	S	--

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma pyrrhogaster	Firebelly Darter Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.	S2	G2G3	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--
Plestiodon anthracinus	Coal Skink Humid wooded areas with abundant leaf litter and loose rocks; vicinity of springs, swamps, and bogs; spotty distribution.	S1	G5	D	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--
Thryomanes bewickii	Bewick's Wren Brushy areas, thickets and scrub in open country, open and riparian woodland.	S1	G5	E	--
Zapus hudsonius	Meadow Jumping Mouse Open grassy fields; often abundant in thick vegetation near water bodies; statewide.	S4	G5	D	No Status

-- End of Henderson --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Henry County — Known Species: 18

Invertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Orconectes burri	Blood River Crayfish	S1	G1	--	--
	In woody debris or leaf piles, small-medium sized streams with sand-gravel substrates; Blood River drainage (TN River), Henry County.				
Orconectes taylori	Crescent crayfish	S2	G2	--	--
	Found among woody debris & tree roots; small-med size tribs of N Fk Obion River with slow-mod current; Henry County.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bolboschoenus fluviatilis	River Bulrush	S1	G5	S	--
	Marshes				
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Didiplis diandra	Water-purslane	S1	G5	T	--
	Swamps				
Heteranthera limosa	Blue Mud-plantain	S1S2	G5	T	--
	Mud Flats				
Isoetes melanopoda	Blackfoot Quillwort	S1S2	G5	E	--
	Wet Fields				
Myriophyllum pinnatum	Cutleaf Water-milfoil	S1	G5	T	--
	Acidic Wetland And Ponds				
Polygonum arifolium	Halberd-leaf Tearthumb	S1	G5	T	--
	Wetlands And Marshes				
Salvia azurea var. grandiflora	Blue Sage	S3	G4G5T4?	S	--
	Barrens				
Silphium laciniatum	Compass Plant	S2	G5	T	--
	Barrens				

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Atractosteus spatula	Alligator Gar	S1	G3G4	D	--
	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Etheostoma pyrrhogaster	Firebelly Darter	S2	G2G3	D	--
	Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.				

Henry County . . . Continued — Known Species: 18

Vertebrate Animals: 6 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				

-- End of Henry --

Hickman County — Known Species: 36

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lexingtonia dolabelloides	Slabside Pearlymussel Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.	S2	G2	--	C
Lithasia duttoniana	Helmet Rocksnail Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).	S2	G2Q	--	--
Lithasia geniculata fuliginosa	Geniculate River Snail Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.	S2	G3T3Q	--	--
Ophiogomphus acuminatus	Acuminate Snaketail Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.	S2	G3	--	--
Pseudanophthalmus occidentalis	Western Cave Beetle Terrestrial cave obligate; Western Highland Rim.	S1	G1G2	--	--
Quadrula cylindrica cylindrica	Rabbitsfoot Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.	S3	G3G4T3	--	--

Vascular Plants: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Carex hirtifolia	Pubescent Sedge Lowland Forests	S1S2	G5	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Cerastium velutinum var. velutinum	Velvety Cerastium Bluffs	S1	G5T4?	E	--
Collinsia verna	Spring Blue-eyed Mary Rich Wet-Mesic Woods	S1	G5	E	--
Elymus svensonii	Svenson's Wild-rye Rocky Bluffs	S2	G3	E	--
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Melanthium woodii	Ozark Bunchflower Rich Wooded Slopes	S1	G5	E	--

Hickman County . . . Continued — Known Species: 36

Vascular Plants: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma pseudovulatum	Egg-mimic Darter Small to medium sized, gravelly, cool, spring-fed streams; lower Duck River watershed.	S1	G1	E	--
Ichthyomyzon gagei	Southern Brook Lamprey Gravel and sand riffles and runs of small rivers and creeks; Conasauga & lower Tennessee river watersheds.	S1	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Noturus fasciatus	Saddled Madtom Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.	S2	G2	T	--
Noturus stanauli	Pygmy Madtom Medium to large rivers with moderate to strong current over gravel substrates; Tennessee River watershed.	S1	G1	E	LE
Percina burtoni	Blotchside Logperch Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.	S2	G2G3	D	--
Percina phoxocephala	Slenderhead Darter Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.	S3	G5	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.	S2S3	G5T5	T	--
Typhlichthys subterraneus	Southern Cavefish Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.	S3	G3G4	D	--

Hickman County . . . Continued — Known Species: 36

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Hickman --

Houston County — Known Species: 7

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ophiogomphus acuminatus	Acuminate Snaketail	S2	G3	--	--
	Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Vitis rupestris	Sand Grape	S1	G3	E	--
	Sandy, Rocky Riverbanks				

Vertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Egretta caerulea	Little Blue Heron	S2B,S3N	G5	D	--
	Bodies of calm shallow water; colonial nester.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				

-- End of Houston --

Humphreys County — Known Species: 45

Invertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema clava	Clubshell	SH	G2	E	LE
	Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumb. & Tenn. rivers.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Simpsonaias ambigua	Salamander Mussel	S1	G3	--	--
	In sand or silt under large, flat stones in areas of swift current; occurred historically in E Fk Stones R; 2005 obs in lower Duck R.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Arabis shortii	Short's Rock-cress	S1S2	G5	S	--
	Wooded Bluffs & Floodplains				
Bolboschoenus fluviatilis	River Bulrush	S1	G5	S	--
	Marshes				
Carex hirtifolia	Pubescent Sedge	S1S2	G5	S	--
	Lowland Forests				
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				

Humphreys County . . . Continued — Known Species: 45

Vascular Plants: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Echinochloa walteri	Walter's Barnyard Grass Bottomlands And Marshes	S1	G5	S	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Heteranthera limosa	Blue Mud-plantain Mud Flats	S1S2	G5	T	--
Iris brevicaulis	Lamance Iris Bottomlands	S1	G4	E	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Pseudognaphalium helleri	Heller's Catfoot Dry Sandy Woods	S2	G4G5	S	--
Sagittaria brevirostra	Short-beaked Arrowhead Swamps And Floodplains	S1	G5	T	--
Spiranthes odorata	Sweetscent Ladies'-tresses Swamps, Pond Margins	S1	G5	E	--

Vertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anhinga anhinga	Anhinga Swamps, lakes, and sluggish streams at low elevations.	S1B	G5	D	--
Ardea alba	Great Egret Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.	S2B,S3N	G5	D	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma denoncourti	Golden Darter Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.	S2	G2	--	--

Humphreys County . . . Continued — Known Species: 45

Vertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Noturus stanauli	Pygmy Madtom	S1	G1	E	LE
	Medium to large rivers with moderate to strong current over gravel substrates; Tennessee River watershed.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Humphreys --

Jackson County — Known Species: 21

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarincola marthae	A Cave Obligate Worm	S1	G1G2	--	--
	Aquatic cave obligate; isopod parasite; northern Central Basin abutting Eastern Highland Rim.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Orconectes incomptus	Tennessee Cave Crayfish	S1	G1	E	--
	Aquatic cave obligate; subterranean streams & shallow pools; lower-elevation caves of Highland Rim escarp; Cumb River watershed.				
Pseudanophthalmus simplex	Simple Cave Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; northern Eastern Highland Rim.				
Pseudotremia lethe	A Cave Obligate Millipede	S1	G1	--	--
	Terrestrial cave obligate; wet caves of northern Central Basin abutting Eastern Highland Rim; Jackson County.				
Sagittocythere barri	Ectocommensal Ostracod	S3	G5	--	--
	Aquatic cave obligate; crayfish commensal.				

Vascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Carex hitchcockiana	Hitchcock's Sedge	S1	G5	T	--
	Rich Moist Woods				
Castanea dentata	American Chestnut	S2S3	G4	S	--
	Mesic To Dry Forests				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Lesquerella globosa	Short's Bladderpod	S2	G2	E	C
	Limestone Talus Slopes And Cliffs				
Lonicera dioica	Mountain Honeysuckle	S2	G5	S	--
	Mountain Woods And Thickets				

Vertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ambystoma barbouri	Streamside Salamander	S2	G4	D	--
	Seasonally ephemeral karst streams; middle Tennessee.				
Aquila chrysaetos	Golden Eagle	S1	G5	T	--
	Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.				
Crystallaria asprella	Crystal Darter	SX	G3	D	--
	Small to medium rivers with expanses of clean sand and gravel; Cumberland River watershed.				

Jackson County . . . Continued — Known Species: 21

Vertebrate Animals: 8 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Jackson --

Jefferson County — Known Species: 14

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Archidium alternifolium		S1	G4G5	T	--
	Limestone Barrens				

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Arabis patens	Spreading Rockcress	S1	G3	E	--
	Moist Rocky Woods				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				

Vertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				

-- End of Jefferson --

Johnson County — Known Species: 111

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Southern and Central Appalachian Bog and Fen	Southern and Central Appalachian Bog and Fen	S2	GNR	--	--

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira jessica	Mountain Disc Higher elevations in the southern Appalachians, arboreal; also inhabits rotting wood; Roan Mountain & Mt. Le Conte.	S3	G3G4	--	--
Mesomphix rugeli	Wrinkled Button Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.	S3	G4	--	--
Speyeria diana	Diana Fritillary Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.	S3	G3G4	--	--
Stenotrema altispira	Highland Slitmouth Leaf litter, logs, talus in mixed woodland, spring fed slopes; higher elevations of central & N Blue Ridge; northeast Tennessee.	S2?	G3	--	--
Ventridens coelaxis	Bidentate Dome In leaf litter on mountainsides, often at higher elevations; northernmost Blue Ridge and Ridge & Valley.	S2S3	G3	--	--
Ventridens decussatus	Crossed Dome In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.	S2?	G3	--	--

Vascular Plants: 80		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Abies fraseri	Fraser Fir Forests Above 5500 Ft	S1S2	G2	T	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Asplenium scolopendrium var. americanum	Hart's-tongue Fern Sinks	S1	G4T3	E	LT
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Botrychium matricariifolium	Chamomile Grapefern Mountain Woods And Thickets	S1	G5	S	--
Caltha palustris	Marsh Marigold Bogs	S1	G5	E	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex echinata ssp. echinata	Little Prickly Sedge Swamps And Bogs	S1?	G5T5	S	--

Johnson County . . . Continued **Known Species: 111**

Vascular Plants: 80 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex folliculata	northern long sedge Wet Soils	S1	G4G5	S	--
Carex hitchcockiana	Hitchcock's Sedge Rich Moist Woods	S1	G5	T	--
Carex roanensis	Roan Mountain Sedge Mid-Elevation Woodlands	S2	G3	E	--
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Coeloglossum viride var. virescens	Long-bracted Green Orchis Wet Woods And Seeps	S1	G5T5	E	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Cypripedium reginae	Showy Lady's-slipper Calcareous Rocky Slopes	S1	G4	E	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Drosera rotundifolia	Roundleaf Sundew Bogs & Seeps	S1	G5	T	--
Dryopteris carthusiana	Spinulose Shield Fern Bogs	S1	G5	T	--
Dryopteris cristata	Crested Shield-fern Bogs	S2	G5	T	--
Epilobium ciliatum	Hairy Willow-herb Mountain Balds	S1	G5	T	--
Epilobium leptophyllum	Linear-leaved Willow-herb Mountain Bogs And Marshes	S1	G5	T	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Galium asprellum	Rough Bedstraw Spring-Fed Swamps	S1	G5	S	--
Galium palustre	Marsh Bedstraw Low Ground, Meadows, Swampy Hollows	S1	G5	S	--
Gentiana austromontana	Appalachian Gentian High Elevation Open Woods	S3	G3	S	--
Geum aleppicum	Yellow Avens Wet Meadows, Bogs	S1	G5	S	--

Johnson County . . . Continued **Known Species: 111**

Vascular Plants: 80 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Glyceria laxa	Northern Mannagrass Bogs And Wet Areas	S1	G5TUQ	S	--
Goodyera repens	Dwarf Rattlesnake-plantain Moist Conifer/Rhododendron Woods	S1	G5	S	--
Helianthus glaucophyllus	White-leaved Sunflower Dry Open Woods	S1	G3	T	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Hexastylis virginica	Virginia Heartleaf Sandy Or Rocky Woods	S2	G4	S	--
Hieracium scabrum	Rough Hawkweed Dry Open Woods And Pastures	S2	G5	T	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hypericum ellipticum	Pale St. John's-wort Bogs	S1	G5	E	--
Hypericum graveolens	Mountain St. John's-wort Boggy Woods And River Banks	S3	G3	E	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Kalmia angustifolia var. carolina	Lambkill Bogs	SX	G5T4	E-P	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Lysimachia terrestris	Swamp Loosestrife Wet Prairies And Swamps	S1	G5	E	--
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Minuartia godfreyi	Godfrey's Stitchwort Wet Meadows And Marshes	S1	G1	E	--
Oenothera parviflora	Northern Evening-primrose Disturbed Open Areas	S1	G4?	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Johnson County . . . Continued **Known Species: 111**

Vascular Plants: 80 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Phegopteris connectilis	Northern Beechfern Mountain Bogs And Rocky Seeps	S1	G5	S	--
Platanthera grandiflora	Large Purple Fringed Orchid Wet Meadows And Open Woods	S2	G5	E	--
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Polygonum arifolium	Halberd-leaf Tearthumb Wetlands And Marshes	S1	G5	T	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potentilla tridentata	Three-toothed Cinquefoil High Elevation Openings	S1S2	G5	S	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Pyrola americana	American Wintergreen Moist Woods And Bogs	S2	G5	E	--
Rhynchospora alba	White Beakrush Bogs	SH	G5	E-P	--
Sanguisorba canadensis	Canada Burnet Bogs, Seeps, And Wet Meadows	S1	G5	E	--
Saxifraga caroliniana	Carolina Saxifrage Seepage Slopes And Wet Cliffs	S1S2	G3	E	--
Saxifraga pensylvanica	Swamp Saxifrage Marshes And Wet Meadows	S1	G5	E	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Sparganium androcladum	Branching Bur-reed Slow Flowing Streams And Rivers, Ponds	S1	G4G5	E	--
Spiraea alba	Narrow-leaved Meadow-sweet Bogs	S1	G5	E	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Streptopus roseus	Rosy Twisted-stalk Rich, Moist Mountain Woods	S2	G5	S	--

Johnson County . . . Continued — Known Species: 111

Vascular Plants: 80 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Symphyotrichum praealtum	Willow Aster Moist Prairies And Marshes	S1	G5	E	--
Symplocarpus foetidus	Skunk-cabbage Swamps And Bogs	S1	G5	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Triadenum fraseri	Marsh St. John's-wort Mountain Bogs/Wetlands	S1?	G5	S	--
Tsuga caroliniana	Carolina Hemlock Dry Ridges	S3	G3	T	--
Vaccinium macrocarpon	Cranberry Bogs	S2	G4	T	--
Veronica americana	American Speedwell Marshes And Bogs	S1	G5	S	--
Veronica scutellata	Marsh-speedwell Marshes And Pond Margins	S1	G5	E	--
Woodsia scopulina ssp. appalachiana	Alleghany Cliff-fern Mountain Cliffs	S1S2	G4T4	S	--
Zigadenus glaucus	White Camas Wet Shaley Cliffs	S1	G4G5	E	--

Vertebrate Animals: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ardea alba	Great Egret Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.	S2B,S3N	G5	D	--
Condylura cristata	Star-nosed Mole Hydric soils in beech-maple-birch forests at higher elevations in the Appalachians.	S2	G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Empidonax alnorum	Alder Flycatcher Alder thickets adj. balds, forest edge, boggy meadows; higher elevations of Southern Blue Ridge.	S1	G5	--	--
Glyptemys muhlenbergii	Bog Turtle Muck-bottomed bogs, fens, marshy/sedge-tussock meadows, spring seeps, wet pastures, and shrub swamps; Appalachians.	S1	G3	T	SAT
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--

Johnson County . . . Continued — Known Species: 111

Vertebrate Animals: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Mustela nivalis	Least Weasel	S2	G5	--	--
	Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Plethodon welleri	Weller's Salamander	S2	G3	D	--
	Rich woods under downed logs, rocks, leaf litter; spruce-fir, birch-hemlock, and primarily deciduous forests of NE Blue Ridge.				
Pooecetes gramineus	Vesper Sparrow	S1B,S4N	G5	D	--
	Balds, old pastures; ground nester.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sphyrapicus varius	Yellow-bellied Sapsucker	S1B,S4N	G5	D	--
	Deciduous or mixed deciduous-coniferous forest; winters statewide and breeds in Appalachian Mountains.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Johnson --

Knox County — Known Species: 58

Invertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				

Nonvascular Plants: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Archidium alternifolium		S1	G4G5	T	--
	Limestone Barrens				
Funaria americana		S1?	G3?	T	--
	Limestone Bluffs And Barrens				
Homaliadelphus sharpii	Sharp's Homaliadelphus	S1	G3?	E	--
	Calcareous Or Dolomite Bluffs				
Radula voluta	A Liverwort	S2	G3	S	--
	Shady Moist Boulders By Waterfalls Or Sreams				
Rhachithecium perpusillum	Budding Tortula	SH	G4G5	S	--
	Bark Of Hardwoods				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Knox County . . . Continued **Known Species: 58**

Vascular Plants: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Arabis patens	Spreading Rockcress Moist Rocky Woods	S1	G3	E	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Carex alopecoidea	Foxtail Sedge Wet Meadows And Swamps	SH	G5	E-P	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Delphinium exaltatum	Tall Larkspur Glades And Barrens	S2	G3	E	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lathyrus palustris	Marsh Pea Wet Woods & Marshes	S1	G5	S	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Onosmodium hispidissimum	Shaggy False Gromwell Dry Woods	S1	G4	E	--
Onosmodium molle ssp. occidentale	Western False Gromwell Glades	S1S2	G4G5T4?	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Knox County . . . Continued — Known Species: 58

Vascular Plants: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ranunculus flabellaris	Yellow Water-crowfoot Ponds And Marshes	S2	G5	T	--
Ruellia purshiana	Pursh's Wild-petunia Dry Woods	S1S2	G3	S	--
Silene regia	Royal Catchfly Rocky Openings And Thickets	SH	G3	E-P	--
Spiranthes odorata	Sweetscent Ladies'-tresses Swamps, Pond Margins	S1	G5	E	--
Tetragonotheca helianthoides	Pineland Squarehead Dry Open Woods	SH	G5	E-P	--

Vertebrate Animals: 18		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Gallinula chloropus	Common Moorhen Marshes, quiet rivers, lakes and ponds; nests among marsh plants over water; infrequently flies.	S1B	G5	D	No Status
Gyrinophilus gulolineatus	Berry Cave Salamander Aquatic cave obligate; Ridge & Valley; formerly included with G. palleucus.	S1	G1Q	T	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Noturus flavipinnis	Yellowfin Madtom Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.	S1	G1	E	LT,XN

Knox County . . . Continued — Known Species: 58

Vertebrate Animals: 18 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Knox --

Lake County — Known Species: 26

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Webbhelix multilineata	Striped Whitelip	S2	G5	--	--
	Low wet habitats, marshes, floodplains, meadows; lake margins; under leaf litter or drift; Mississippi River floodplain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Carex comosa	Bristly Sedge	S2	G5	T	--
	Swamps				
Elodea nuttallii	Nuttall's Waterweed	S2	G5	S	--
	Aquatic; Streams And Ponds				
Hottonia inflata	Featherfoil	S2	G4	S	--
	Wet Sloughs And Ditches				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Neobeckia aquatica	Lake Cress	S2	G4?	S	--
	Gum Or Cypress Swamps				
Phacelia ranunculacea	Blue Scorpion-weed	S2S3	G4	S	--
	Alluvial Woods				
Ranunculus flabellaris	Yellow Water-crowfoot	S2	G5	T	--
	Ponds And Marshes				
Sagittaria platyphylla	Ovate-leaved Arrowhead	S2S3	G5	S	--
	Swamps, Emmergent				

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anhinga anhinga	Anhinga	S1B	G5	D	--
	Swamps, lakes, and sluggish streams at low elevations.				
Ardea alba	Great Egret	S2B,S3N	G5	D	--
	Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.				
Atractosteus spatula	Alligator Gar	S1	G3G4	D	--
	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Fundulus chrysotus	Golden Topminnow	S1S2	G5	D	--
	Swamps, backwaters, and pools of ditches and slow-moving creeks; Reelfoot Lake & imm. vicinity.				

Lake County . . . Continued — Known Species: 26

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Macrhybopsis meeki	Sicklefin Chub	S2	G3	D	--
	Main channel of the Mississippi River in swift currents over sand and gravel substrates.				
Nerodia cyclopion	Mississippi Green Watersnake	S2	G5	D	--
	Marshes, swamps, bayous, shallow lakes and ponds, wet prairies, oxbows and floodplain sloughs; far west Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Sterna antillarum athalassos	Interior Least Tern	S2S3B	G4T2Q	E	LE
	Mississippi River sand bars & islands, dikes. 				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Lake --

Lauderdale County — Known Species: 25

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Obovaria jacksoniana	Southern Hickorynut	S1	G2	--	--
	Rivers with medium-sized gravel substrates and low-mod current; Wolf & Hatchie rivers; Mississippi River watershed; west Tennessee.				
Villosa vibex	Southern Rainbow	S2	G5Q	--	--
	Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.				
Webbhelix multilineata	Striped Whitelip	S2	G5	--	--
	Low wet habitats, marshes, floodplains, meadows; lake margins; under leaf litter or drift; Mississippi River floodplain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Carex hyalina	Tissue Sedge	S1	G4	S	--
	Forested Bottomland Swamps				
Hottonia inflata	Featherfoil	S2	G4	S	--
	Wet Sloughs And Ditches				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Neobeckia aquatica	Lake Cress	S2	G4?	S	--
	Gum Or Cypress Swamps				
Orobanche ludoviciana	Louisiana Broomrape	SH	G5	S	--
	Rich Floodplains				
Sagittaria platyphylla	Ovate-leaved Arrowhead	S2S3	G5	S	--
	Swamps, Emmergent				
Schisandra glabra	Red Starvine	S2	G3	T	--
	Rich Mesic Woods, Bluffs				
Ulmus crassifolia	Cedar Elm	S2	G5	S	--
	Swamps				

Vertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anhinga anhinga	Anhinga	S1B	G5	D	--
	Swamps, lakes, and sluggish streams at low elevations.				
Ardea alba	Great Egret	S2B,S3N	G5	D	--
	Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.				

Lauderdale County . . . Continued — Known Species: 25

Vertebrate Animals: 11 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Atractosteus spatula	Alligator Gar	S1	G3G4	D	--
	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Egretta caerulea	Little Blue Heron	S2B,S3N	G5	D	--
	Bodies of calm shallow water; colonial nester.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hybognathus placitus	Plains Minnow	S1	G4	D	--
	Clear to highly turbid rivers and creeks with sandy bottoms; Mississippi River & imm. environs.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Sterna antillarum athalassos	Interior Least Tern	S2S3B	G4T2Q	E	LE
	Mississippi River sand bars & islands, dikes. 				

-- End of Lauderdale --

Lawrence County — Known Species: 26

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ophiogomphus acuminatus	Acuminate Snaketail	S2	G3	--	--
	Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.				
Orconectes alabamensis	Alabama Crayfish	S2	G5	D	--
	Small-medium sized streams, in pools under rocks; Tennessee River tributaries from Shoal Creek downstream to the Buffalo River.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aristida ramosissima	Branched Three-awn Grass	SH	G5	E-P	--
	Roadsides And Dry Openings				
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge	S1	G5?T3	S	--
	Wooded Bluffs, Floodplains				
Crataegus harbisonii	Harbison's Hawthorn	S1	G1	E	--
	Dry Rocky Calcareous Woods				
Drosera brevifolia	Dwarf Sundew	S2	G5	T	--
	Wet Barrens And Ecotones				
Erythronium rostratum	Beaked Trout-lily	S2	G5	S	--
	Mesic Woods And Slopes				
Hasteola suaveolens	Sweet-scented Indian-plantain	S2	G4	T	--
	Alluvial Woods, Moist Slopes				
Helianthus eggertii	Eggert's Sunflower	S3	G3	S	DM
	Barrens And Roadsides				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Marshallia trinervia	Broad-leaved Barbara's-buttons	S2S3	G3	T	--
	Rocky Ravines				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Parnassia grandifolia	Large-leaved Grass-of-parnassus	S3	G3	S	--
	Calcareous Seeps				
Polygala mariana	Maryland Milkwort	S1	G5	S	--
	Sandy Alluvial Woods And Disturbed Areas				

Vertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow	S1B	G3	E	--
	Dry open pine or oak woods; nests on the ground in dense cover.				

Lawrence County . . . Continued — Known Species: 26

Vertebrate Animals: 10 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Etheostoma boschungi	Slackwater Darter	S1	G1	T	LT
	Gravel-bottomed creeks and small rivers; spawns in seepage water in fields and open woods.				
Etheostoma neopterum	Lollypop Darter	S1S2	G3	--	--
	Small to medium sized, gravelly, cool, spring-fed streams; Shoal Creek watershed.				
Etheostoma pseudovulatum	Egg-mimic Darter	S1	G1	E	--
	Small to medium sized, gravelly, cool, spring-fed streams; lower Duck River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				

-- End of Lawrence --

Lewis County — Known Species: 41

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex lurida - Carex leptalea - Parnassia grandifolia - Juncus brachycephalus - (Xyris tennesseensis) Herbaceous Vegetation	Highland Rim Parnassia Seepage Fen	SNR	G1	--	--
Quercus marilandica / Schizachyrium scoparium - (Helianthus mollis, Silphium asteriscus, Liatris aspera) Woodland	Western Highland Rim Gravel Barrens	SNR	G2	--	--

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lithasia geniculata fuliginosa	Geniculate River Snail Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.	S2	G3T3Q	--	--
Ophiogomphus acuminatus	Acuminate Snaketail Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.	S2	G3	--	--
Pseudanophthalmus occidentalis	Western Cave Beetle Terrestrial cave obligate; Western Highland Rim.	S1	G1G2	--	--
Toxolasma cylindrellus	Pale Lilliput Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.	S1	G1	E	LE

Vascular Plants: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex comosa	Bristly Sedge Swamps	S2	G5	T	--
Dichanthelium acuminatum ssp. leucothrix	Roughish Witchgrass Moist Pine Barrens	S1	G4?Q	S	--
Drosera brevifolia	Dwarf Sundew Wet Barrens And Ecotones	S2	G5	T	--
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--

Lewis County . . . Continued — Known Species: 41

Vascular Plants: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lonicera flava	Yellow Honeysuckle Rocky Woods And Thickets	S1	G5?	T	--
Marshallia trinervia	Broad-leaved Barbara's-buttons Rocky Ravines	S2S3	G3	T	--
Minuartia godfreyi	Godfrey's Stitchwort Wet Meadows And Marshes	S1	G1	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Phlox pilosa ssp. ozarkana	Ozark Downy Phlox Rocky, Dry Open Woods	S1S2	G5T4?	S	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Xyris tennesseensis	Tennessee Yellow-eyed Grass Calcareous Seeps	S1	G2	E	LE
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammocrypta vivax	Scaly Sand Darter Small to medium rivers with sandy substrate; Hatchie & Buffalo rivers.	S2	G5	D	--
Ammodramus henslowii	Henslow's Sparrow Damp open fields and meadows with grass interspersed with weeds or shrubs.	S1B	G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--

Lewis County . . . Continued — Known Species: 41

Vertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Etheostoma striatulum	Striated Darter	S1	G1	T	--
	Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Lewis --

Lincoln County — Known Species: 34

Invertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia lima	Warty Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; Elk River & larger tributaries (Tennessee River watershed).				
Obovaria subrotunda	Round Hickorynut	S2S3	G4	--	--
	Medium-large rivers in sand and gravel subst with moderate flow; TN & Cumb rivers; also Red River in Robertson Co., W Highland Rim.				
Orconectes cooperi	Flint River Crayfish	S1	G1	--	--
	Among leaf litter in medium-sized streams; headwaters of Flint River watershed; Lincoln County.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Villosa fabalis	Rayed Bean	S1	G2	--	C
	Riffles of medium-small rivers & creeks, in gravel & sand substrates associated with Justicia americana; Tennessee River watershed.				

Vascular Plants: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Cotinus obovatus	American Smoketree	S2	G4	S	--
	Dry, Circumneutral Soil				

Lincoln County . . . Continued — Known Species: 34

Vascular Plants: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gratiola floridana	Florida Hedge-hyssop Wooded Swamps	S1	G4	E	--
Lespedeza angustifolia	Narrowleaf Bushclover Barrens	S2	G5	T	--
Melanthium virginicum	Virginia Bunchflower Wet Woods And Fields	S1	G5	E	--
Neviusia alabamensis	Alabama Snow-wreath Upland Woods	S2	G2	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Solidago auriculata	Eared Goldenrod Dry Woods	S1	G4	T	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--
Viburnum bracteatum	Limerock Arrowwood Rocky Rich Woods	S1	G1G2	E	--

Vertebrate Animals: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Etheostoma boschungi	Slackwater Darter Gravel-bottomed creeks and small rivers; spawns in seepage water in fields and open woods.	S1	G1	T	LT
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma wapiti	Boulder Darter Fast rocky riffles of small to medium rivers & large creeks; Elk River watershed.	S1	G1	E	LE, XN
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--

-- End of Lincoln --

Loudon County — Known Species: 25

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Carex comosa	Bristly Sedge	S2	G5	T	--
	Swamps				
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Cimicifuga rubifolia	Appalachian Bugbane	S3	G3	T	--
	Rich Woods				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Lonicera dioica	Mountain Honeysuckle	S2	G5	S	--
	Mountain Woods And Thickets				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Potamogeton amplifolius	Large-leaf Pondweed	S1	G5	T	--
	Lakes And Streams				
Potamogeton epihydrus	Nuttall's Pondweed	S1S2	G5	S	--
	Lakes And Streams				

Vertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				

Loudon County . . . Continued — Known Species: 25

Vertebrate Animals: 10 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				

-- End of Loudon --

Macon County — Known Species: 15

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Barbicambarus cornutus	Bottle Brush Crayfish	S2	G4	--	--
	Under slabrock in medium-large tributaries of Barren River watershed; Sumner, Macon, Clay counties.				

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				

Vertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk	S3B,S4N	G5	D	No Status
	Forests and open woodlands.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Etheostoma barbouri	Teardrop Darter	S2	G4G5	D	--
	Sandy pools in small to medium streams with slabrock cover; Barren River watershed.				
Etheostoma barrenense	Splendid Darter	S3	G4	D	--
	Locally abundant in rocky pools and adjacent riffles of small to moderate streams; Barren River watershed.				
Etheostoma bellum	Orangefin Darter	S3	G4G5	D	--
	Locally abundant in small to medium-sized clear streams over gravel substrate; Barren River watershed.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Moxostoma atripinne	Blackfin Sucker	S1	G2	D	--
	Larger creeks with quiet or gently flowing pools with scattered slabrocks & undercut banks; Barren River watershed.				
Notropis rubellus	Rosyface Shiner	S2	G5	D	--
	Clear, swift, large creeks with bottoms of clean gravel or rubble; tribs to Cumberland River upst Cumberland Falls.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina stictogaster	Frecklebelly Darter	S1	G4G5	D	--
	Small rivers & larger creeks; pool areas with mod-sluggish current & aquatic vegetation; Barren River watershed.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				

-- End of Macon --

Madison County — Known Species: 11

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex lacustris	Lake-bank Sedge Alluvial Woods	S1	G5	T	--
Helianthus verticillatus	Whorled Sunflower Edge Of Creeks And Fields	S1	G1Q	E	C
Iris brevicaulis	Lamance Iris Bottomlands	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Schisandra glabra	Red Starvine Rich Mesic Woods, Bluffs	S2	G3	T	--
Utricularia inflata	Inflated Bladderwort Ponds, Lake Margins	S1	G5	S	--

Vertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Etheostoma pyrrhogaster	Firebelly Darter Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.	S2	G2G3	D	--
Noturus gladiator	Piebald Madtom Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.	S3	G3	D	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--

-- End of Madison --

Marion County — Known Species: 92

Invertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira alabama	Alabama Tigersnail	S2	G2	--	--
	A calciphile; limestone outcrops and cliff faces of karstic woods; southern Cumberlands.				
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Batriasymmodes spelaeus	A Cave Obligate Beetle	S2?	G5	--	--
	Terrestrial cave obligate; northern Cumberlands and northern Ridge & Valley.				
Caecidotea nickajackensis	Nickajack Cave Isopod	S1	G2G3	--	--
	Aquatic cave obligate; Nickajack Cave (historically); probably extirpated by impoundment.				
Cambarus hamulatus	Prickly Cave Crayfish	S3	G3G4	--	--
	Aquatic cave obligate; Sequatchie Valley & southern Cumberlands.				
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Glyphopsyche sequatchie	Sequatchie Caddisfly	S1	G1	--	C
	Spring runs emerging from caves; lower Sequatchie River & Battle Creek watersheds; Marion County.				
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion	S3	G5	--	--
	Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Litocampa valentinei	A Cave Obligate Bristletail	S2	G5	--	--
	Terrestrial cave obligate, southern Cumberlands.				
Marstonia ogmorhaphe	Royal Springsnail	S1	G1	E	LE
	Known from shallow littoral zone of two cave spring runs, on mixed substrate of mud, sand, & detritus; lower Seq. R.; Marion County.				
Nesticus barri	A Cave Obligate Spider	S3	G3	--	--
	Terrestrial cave obligate; southern Cumberlands; reported from Franklin & Marion counties.				
Pseudanophthalmus nickajackensis	Nickajack Cave Beetle	S1	G2G3	--	--
	Terrestrial cave obligate; Nickajack Cave; Marion County.				
Pseudanophthalmus ventus	Blowing Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; lower Sequatchie Valley.				
Pseudosinella christianseni	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.				
Pseudotremia rhadamanthus	A Cave Obligate Millipede	S1	G1G2	--	--
	Terrestrial cave obligate; southern Cumberland Plateau; Marion County.				

Marion County . . . Continued — Known Species: 92

Invertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Scoterpes ventus	A Cave Obligate Millipede Terrestrial cave obligate; wet caves of the Cumberland Plateau & Sequatchie Valley.	S1	G1	--	--
Somatogyrus aureus	Golden Pebblesnail Reported from Tennessee River system; habitat and distribution poorly understood; one contemporary record in Marion Co.	S1	GH	--	--
Toxolasma cylindrellus	Pale Lilliput Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.	S1	G1	E	LE

Nonvascular Plants: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lejeunea blomquistii	Blomquist Leafy Liverwort Mid Elev. Gorges On Rock Or Bark	S1S2	G1G2	S	--
Pellia appalachiana	 Wet Soil, Barrens	S2	G4	S	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 45		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Amelanchier sanguinea	Roundleaf Shadbush Rocky Slopes And River Banks	S2	G5	T	--
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Arabis patens	Spreading Rockcress Moist Rocky Woods	S1	G3	E	--
Asplenium scolopendrium var. americanum	Hart's-tongue Fern Sinks	S1	G4T3	E	LT
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Cotinus obovatus	American Smoketree Dry, Circumneutral Soil	S2	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Danthonia epilis	Bog Oat-grass Acidic Seeps	S1S2	G3G4	S	--

Marion County . . . Continued **Known Species: 92**

Vascular Plants: 45 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Fothergilla major	Mountain Witch-alder Rocky Slopes And River Banks	S2	G3	T	--
Gelsemium sempervirens	Yellow Jessamine Dry Openings	S1S2	G5	S	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hottonia inflata	Featherfoil Wet Sloughs And Ditches	S2	G4	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hypericum adpressum	Creeping St. John's-wort Edges Of Ponds And Lakes	S1	G3	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Lonicera flava	Yellow Honeysuckle Rocky Woods And Thickets	S1	G5?	T	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Nestronia umbellula	Nestronia Upland Woods	S1	G4	E	--
Onosmodium hispidissimum	Shaggy False Gromwell Dry Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Marion County . . . Continued — Known Species: 92

Vascular Plants: 45 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Rhynchospora perplexa	Obscure Beak-rush Marshes, Wet Barrens	S2	G5	T	--
Sabatia capitata	Cumberland Rose Gentian Dry Open Woods, Powerlines	S2	G2	E	--
Scutellaria montana	Large-flowered Skullcap Escarpments, Dry Woods	S2	G3	T	LT
Sedum nevii	Nevius' Stonecrop Rocky Bluffs And Cliffs	S1	G3	E	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Silene regia	Royal Catchfly Rocky Openings And Thickets	SH	G3	E-P	--
Silphium brachiatum	Cumberland Rosinweed Rich Rocky Woods	S2	G2G3	E	--
Solidago tarda	Late Goldenrod Sandy Pine Woods	SH	G4?Q	S	--
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Thermopsis mollis	Allegheny Mountain golden banner Upland Woods	S2S3	G3G4	S	--
Trillium lancifolium	Narrow-leaved Trillium Alluvial Woods And Moist Ravines	S1	G3	E	--
Viola tripartita var. tripartita	Three-parted Violet Wooded Slopes	S2S3	G5T3	S	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--

Vertebrate Animals: 23		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--

Marion County . . . Continued — Known Species: 92

Vertebrate Animals: 23 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Etheostoma denoncourti	Golden Darter	S2	G2	--	--
	Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.				
Falco peregrinus	Peregrine Falcon	S1B	G4	E	No Status
	Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				

Marion County . . . Continued — Known Species: 92

Vertebrate Animals: 23 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Marion --

Marshall County — Known Species: 46

Invertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Gomphus sandrius	Tennessee Clubtail	S1	G1	--	--
	Slow streams with bare bedrock shores; Central Basin; upper Duck River and middle Cumberland River watersheds.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				
Obovaria subrotunda	Round Hickorynut	S2S3	G4	--	--
	Medium-large rivers in sand and gravel subst with moderate flow; TN & Cumb rivers; also Red River in Robertson Co., W Highland Rim.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pseudanophthalmus catherinae	Catherine's Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Central Basin.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				

Marshall County . . . Continued — Known Species: 46

Invertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Toxolasma cylindrellus	Pale Lilliput	S1	G1	E	LE
	Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.				
Toxolasma lividus	Purple Lilliput	S1S2	G2	--	--
	Small-medium sized rivers & lg creeks, in mud, sand, & gravel substrates; Tenn. & Cumberland river systems in headwater areas.				
Villosa fabalis	Rayed Bean	S1	G2	--	C
	Riffles of medium-small rivers & creeks, in gravel & sand substrates associated with Justicia americana; Tennessee River watershed.				

Vascular Plants: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Anemone caroliniana	Carolina Anemone	S1S2	G5	E	--
	Glades And Cedar Woodlands				
Arnoglossum plantagineum	Fen Indian-plantain	S2	G4G5	T	--
	Moist Prairies And Marshes				
Astragalus tennesseensis	Tennessee Milk-vetch	S3	G3	S	--
	Glades				
Carex davisii	Davis' Sedge	S1	G4	S	--
	Bottomlands, Riparian Soils				
Carex gravida	Heavy Sedge	S1	G5	S	--
	Rocky River Bluffs				
Dalea foliosa	Leafy Prairie-clover	S2S3	G2G3	E	LE
	Rocky Washes In Glades				
Echinacea tennesseensis	Tennessee Coneflower	S2	G2	E	LE
	Ordovician Limestone Glades				
Eleocharis wolfii	Wolf Spike-rush	S1	G3G4	E	--
	Wet Woods On Floodplains				
Leavenworthia exigua var. exigua	Glade-cress	S3	G4T3	S	--
	Glades				
Lesquerella densipila	Duck River Bladderpod	S3	G3	T	--
	Cultivated Fields				
Schoenolirion croceum	Yellow Sunnybell	S3	G4	T	--
	Wet Areas In Glades				
Stellaria fontinalis	Water Stitchwort	S3	G3	T	--
	Seeps And Limestone Creek Beds				
Talinum calcaricum	Limestone Fame-flower	S3	G3	S	--
	Glades				
Trifolium calcaricum	Running Glade Clover	S1	G1	E	--
	Glades, Cedar Woods, And Thickets				

Marshall County . . . Continued — Known Species: 46

Vascular Plants: 16 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma denoncourti	Golden Darter Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.	S2	G2	--	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma striatulum	Striated Darter Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.	S1	G1	T	--
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Noturus fasciatus	Saddled Madtom Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.	S2	G2	T	--
Percina phoxocephala	Slenderhead Darter Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.	S3	G5	D	--
Typhlichthys subterraneus	Southern Cavefish Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.	S3	G3G4	D	--

-- End of Marshall --

Maury County — Known Species: 65

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Nashville Basin Limestone Glade	Nashville Basin Limestone Glade, Barrens, and Woodland	SNR	GNR	--	--

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Andropogon gerardii - Chasmanthium latifolium - Amsonia tabernaemontana var. salicifolia Herbaceous Vegetation	Calcareous Riverine Scour Prairie	S2S3	G2G3	--	--

Invertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Batrisodes ferulifer	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; middle Tennessee; Central Basin; reported from Maury County.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Epioblasma triquetra	Snuffbox	S3	G3	--	--
	Riffles of medium-large rivers with stony or sandy bottoms, in swift currents, usually deeply buried; Tennessee & Cumb. river systems.				
Gomphus sandrius	Tennessee Clubtail	S1	G1	--	--
	Slow streams with bare bedrock shores; Central Basin; upper Duck River and middle Cumberland River watersheds.				
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Lemiox rimosus	Birdwing Pearlymussel	S1	G1	E	LE
	Small-medium size rivers in riffle areas with sand and gravel substrates in mod-fast currents; Tennessee River system.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				

Maury County . . . Continued — Known Species: 65

Invertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Obovaria subrotunda	Round Hickorynut	S2S3	G4	--	--
	Medium-large rivers in sand and gravel subst with moderate flow; TN & Cumb rivers; also Red River in Robertson Co., W Highland Rim.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pleurobema rubrum	Pyramid Pigtoe	S1S2	G2G3	--	--
	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.				
Pseudanophthalmus bendermani	Benderman's Cave Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; Central Basin.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Toxolasma cylindrellus	Pale Lilliput	S1	G1	E	LE
	Small tributary rivers & streams, in firm rubble, gravel, and sand substrates in shallow riffles and shoals; lower Tenn. River system.				
Toxolasma lividus	Purple Lilliput	S1S2	G2	--	--
	Small-medium sized rivers & lg creeks, in mud, sand, & gravel substrates; Tenn. & Cumberland river systems in headwater areas.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 26		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammoselinum popei	Pope's Sand-parsley	S2	G4	T	--
	Glades				
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Apios priceana	Price's Potato-bean	S2	G2	E	LT
	Openings In Rich Woods				
Arabis glabra	Tower-mustard	S1	G5	S	--
	Barrens And Open Floodplains				
Astragalus tennesseensis	Tennessee Milk-vetch	S3	G3	S	--
	Glades				
Castanea dentata	American Chestnut	S2S3	G4	S	--
	Mesic To Dry Forests				

Maury County . . . Continued — Known Species: 65

Vascular Plants: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cerastium velutinum var. velutinum	Velvety Cerastium Bluffs	S1	G5T4?	E	--
Dalea foliosa	Leafy Prairie-clover Rocky Washes In Glades	S2S3	G2G3	E	LE
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Leavenworthia exigua var. lutea	Pasture Glade-cress Glades	SH	G4T1	E-P	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Mirabilis albida	Pale Umbrella-wort Glades	S2	G5	T	--
Muhlenbergia glabriflora	Hair Grass Dry Woods And Barrens	S1	G4?	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Phlox pilosa ssp. ozarkana	Ozark Downy Phlox Rocky, Dry Open Woods	S1S2	G5T4?	S	--
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--

Maury County . . . Continued — Known Species: 65

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Etheostoma aquali	Coppercheek Darter	S2S3	G2G3	T	--
	Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.				
Etheostoma denoncourti	Golden Darter	S2	G2	--	--
	Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.				
Etheostoma luteovinctum	Redband Darter	S4	G4	D	--
	Limestone streams; Nashville Basin & portions of Highland Rim.				
Etheostoma striatulum	Striated Darter	S1	G1	T	--
	Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Maury --

McMinn County — Known Species: 12

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gomphus consanguis	Cherokee Clubtail	S1	G2G3	--	--
	Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Platanthera integrilabia	White Fringeless Orchid	S2S3	G2G3	E	C
	Acidic Seeps And Stream Heads				
Xerophyllum asphodeloides	Eastern Turkeybeard	S3	G4	T	--
	Dry Oak Or Piney Woods				

Vertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				

-- End of McMinn --

McNairy County — Known Species: 31

Invertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish	S1	G1	E	--
	Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.				
Orconectes wrighti	Hardin Crayfish	S2	G2	E	--
	Small-medium sized streams with cobble-sand substrates, under rocks or in leaf litter; western tribs of the Tennessee River in Hardin & McNairy counties.				

Vascular Plants: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ceratophyllum echinatum	Prickly Hornwort	S1	G4?	S	--
	Slow Moving Streams				
Cyperus plukenetii	Plukenet's Galingale	SH	G5	S	--
	Sandy Barrens				
Drosera capillaris	Pink Sundew	S1	G5	T	--
	Acidic Wetlands				
Eleocharis tortilis	Twisted Spike-rush	S1	G5	S	--
	Swamps				
Fuirena squarrosa	Hairy Umbrella-sedge	S1	G4G5	S	--
	Stream And Lake Margins				
Helianthus verticillatus	Whorled Sunflower	S1	G1Q	E	C
	Edge Of Creeks And Fields				
Magnolia virginiana	Sweetbay Magnolia	S2	G5	T	--
	Forested Acidic Wetlands				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Plantago cordata	Heart-leaved Plantain	S1	G4	E	--
	Limestone Creek Beds				
Polygala mariana	Maryland Milkwort	S1	G5	S	--
	Sandy Alluvial Woods And Disturbed Areas				
Polytaenia nuttallii	Prairie Parsley	S1	G5	T	--
	Prairies And Open Dry Areas				
Sacciolepis striata	Gibbous Panic-grass	S1	G5	S	--
	Floodplains And Shallow Pools				
Silene ovata	Ovate Catchfly	S2	G3	E	--
	Open Oak Woods				
Stylisma humistrata	Southern Morning-glory	S1	G4G5	T	--
	Dry Piney Woods				
Tridens flavus var. chapmanii	Chapman's Redtop	SH	G5T3T5	S	--
	Sandy Woods, Roadside Barrens				

Vertebrate Animals: 14	St. Rank	Global Rank	St. Prot.	Fed. Prot.

McNairy County . . . Continued — Known Species: 31

Vertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow	S1B	G3	E	--
	Dry open pine or oak woods; nests on the ground in dense cover.				
Ammocrypta beani	Naked Sand Darter	S2	G5	D	--
	Shifting sand bottoms & sandy runs; Hatchie River & larger tribs.				
Ammocrypta vivax	Scaly Sand Darter	S2	G5	D	--
	Small to medium rivers with sandy substrate; Hatchie & Buffalo rivers.				
Anhinga anhinga	Anhinga	S1B	G5	D	--
	Swamps, lakes, and sluggish streams at low elevations.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Etheostoma pyrrhogaster	Firebelly Darter	S2	G2G3	D	--
	Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				

-- End of McNairy --

Meigs County — Known Species: 31

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ridge and Valley Calcareous Valley Bottom Glade and Woodland	Ridge and Valley Calcareous Glade and Woodland	SNR	GNR	--	--

Invertebrate Animals: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cyprogenia stegaria	Fanshell Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.	S1	G1Q	E	LE
Dromus dromas	Dromedary Pearlymussel Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.	S1	G1	E	LE
Gomphus consanguis	Cherokee Clubtail Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.	S1	G2G3	--	--
Lampsilis abrupta	Pink Mucket Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.	S2	G2	E	LE
Pleurobema oviforme	Tennessee Clubshell Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.	S2S3	G2G3	--	--
Pleurobema plenum	Rough Pigtoe Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.	S1	G1	E	LE
Pleurobema rubrum	Pyramid Pigtoe Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.	S1S2	G2G3	--	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Arabis patens	Spreading Rockcress Moist Rocky Woods	S1	G3	E	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Carex comosa	Bristly Sedge Swamps	S2	G5	T	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Dalea candida	White Prairie-clover Barrens	S2	G5	S	--

Meigs County . . . Continued — Known Species: 31

Vascular Plants: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Neviusia alabamensis	Alabama Snow-wreath Upland Woods	S2	G2	T	--
Onosmodium molle ssp. occidentale	Western False Gromwell Glades	S1S2	G4G5T4?	T	--
Sacciolepis striata	Gibbous Panic-grass Floodplains And Shallow Pools	S1	G5	S	--
Symphyotrichum pratense	Barrens Silky Aster Barrens	S1	G4?	E	--

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Gyrinophilus gulolineatus	Berry Cave Salamander Aquatic cave obligate; Ridge & Valley; formerly included with G. palleucus.	S1	G1Q	T	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Percina tanasi	Snail Darter Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.	S2S3	G2G3	T	LT
Tyto alba	Barn Owl Open and partly open country, often around human habitation; farms.	S3	G5	D	--

-- End of Meigs --

Monroe County — Known Species: 111

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Southern Appalachian Spray Cliff	Southern Appalachian Spray Cliff	SNR	GNR	--	--

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Quercus stellata - Pinus virginiana / (Schizachyrium scoparium, Piptochaetium avenaceum) Woodland	Red Knobs Sandstone Post Oak - Virginia Pine Woodland	SNR	G2?	--	--

Invertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira jessica	Mountain Disc	S3	G3G4	--	--
	Higher elevations in the southern Appalachians, arboreal; also inhabits rotting wood; Roan Mountain & Mt. Le Conte.				
Athearnia anthonyi	Anthony Riversnail	S1	G1	E	LE,XN
	Larger rivers and downstream stretches of lg creeks, on cobble/boulder substrates adj. riffles; portions of upper TN River basin.				
Euchemotrema fraternum montanum	A Terrestrial Snail	S2	G5T2	--	--
	On logs, in leaf litter, or under stones on mountainsides & in ravines; oak-hickory forests of the S Blue Ridge; far southeast Tenn.				
Fumonelix christyi	Glossy Covert	S2	G3	--	--
	Leaf litter in upland oak woods; central and southernmost Blue Ridge; southeast Tennessee.				
Fumonelix wheatleyi	Cinnamon Covert	S3	G4	--	--
	Leaf litter, logs, talus in mixed woodlands, coves @ mid-upper elevations of Blue Ridge; Blount, Carter, Cocke, Monroe, & Sevier cos.				
Glyphyalinia pentadelphia	Pink Glyph	S2	G2G3	--	--
	Pockets of moist leaves in rich upland woods; mid-elevations of Blue Ridge; southeast Tennessee.				
Helicodiscus fimbriatus	Fringed Coil	S3	G4	--	--
	In leaf litter or under rocks on wooded hillsides; southern Blue Ridge; southeast Tennessee.				
Inflectarius ferrissi	Smoky Mountain Covert	S2	G2	--	--
	Under rock ledges, rock piles, or logs at mid-elevations and higher; Blue Ridge; Great Smoky Mountains National Park.				
Mesomphix rugeli	Wrinkled Button	S3	G4	--	--
	Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.				
Ophiogomphus alleghaniensis	Allegheny Snaketail	S1	G3T2T3	--	--
	Riffle areas of spring-fed streams; Cumberland Plateau, Ridge & Valley, & Blue Ridge; not watershed specific.				
Paravitrea lamellidens	Lamellate Supercoil	S2	G2	--	--
	Deep, moist leaf litter below boulder slopes, bluffs; boggy seeps; forested hillsides & ravines; central & southern Blue Ridge.				
Paravitrea umbilicaris	Open Supercoil	S2?	G2	--	--
	In pockets of deep, moist leaf litter on forested hillsides & ravines; Blue Ridge; southeast Tennessee.				

Monroe County . . . Continued — Known Species: 111

Invertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudanophthalmus paulus	Nobletts Cave Beetle	S1	GH	--	C
	Terrestrial cave obligate; southern Ridge & Valley; reported from one historical location in Monroe County.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Quadrula sparsa	Appalachian Monkeyface	S1	G1	E	LE
	Headwater sections of rivers in shallow riffles/runs with sand-gravel substrate & moderate current; upper Tennessee River drainage.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Striatura exigua	Ribbed Striate	S1	G5	--	--
	Moist leaf litter of forested slopes; Blue Ridge; a northern species that apparently follows the spine of the Appalachians south.				
Trechus talequah	A Carabid Beetle	S1	GNR	--	--
	Terrestrial; known only from the Unicoi Mountains near Haw Knob between 4800-5000 ft; Monroe County.				
Ventridens decussatus	Crossed Dome	S2?	G3	--	--
	In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.				
Vertigo clappi	Cupped Vertigo	S1	G1G2	--	--
	In leaf litter and moss on forested hillsides; Blue Ridge; Monroe County.				

Nonvascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Drepanolejeunea appalachiana	A Liverwort	S1	G2?	S	--
	Tree Bark, 2000-4500 Ft.				
Jungermannia fossombronioides		S1	G4	S	--
	Low Elevation Rocky Streams				
Lophocolea appalachiana	A Liverwort	S1	G1G2Q	S	--
	Spray Cliffs				
Megaceros aenigmaticus	Megaceros	S2S3	G2G3	S	--
	Mid-Elev. Streams On Wet Shaded Rocks				
Mnium carolinianum	Carolina Mnium	S1	G3	S	--
	Rocks & Streambanks In Humid Gorges				
Pellia appalachiana		S2	G4	S	--
	Wet Soil, Barrens				
Porella wataugensis	Watauga Porella	S1S2	G1G2Q	T	--
	Moist Boulders & Cliffs, Phyllite				

Vascular Plants: 44		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Abies fraseri	Fraser Fir	S1S2	G2	T	--
	Forests Above 5500 Ft				

Monroe County . . . Continued **Known Species: 111**

Vascular Plants: 44 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Allium tricoccum	Ramps Rich Woods	S1S2	G5	S-CE	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Botrychium jenmanii	Alabama Grapefern Pine Woods	S1	G3G4	T	--
Botrychium matricariifolium	Chamomile Grapefern Mountain Woods And Thickets	S1	G5	S	--
Calamagrostis porteri	Porter's Reedgrass Rich Mountain Woods	S1	G4	E	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Carex comosa	Bristly Sedge Swamps	S2	G5	T	--
Carex manhartii	Manhart's Sedge Mountain Slopes And Stream Banks	S2	G3G4	E	--
Carex ruthii	Ruth's Sedge Mountain Forests And Wet Areas	S2	G3	T	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Coreopsis latifolia	Broad-leaved Tickseed Streamheads	S1S2	G3	E	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Glyceria laxa	Northern Mannagrass Bogs And Wet Areas	S1	G5TUQ	S	--
Helianthemum bicknellii	Plains Frostweed Dry Ridges	SH	G5	E-P	--
Helianthemum canadense	Canada Frostweed Dry Ridges	SH	G5	E-P	--

Monroe County . . . Continued **Known Species: 111**

Vascular Plants: 44 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Isoetes tennesseensis	Hiwassee Quillwort Rocky River Banks	S1	G1	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lathyrus palustris	Marsh Pea Wet Woods & Marshes	S1	G5	S	--
Lobelia amoena	Southern Lobelia Mountain Flood Plains And Pools	S1S2	G4?	T	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--
Poa palustris	Fowl Bluegrass Wet Balds	S1	G5	E	--
Potamogeton amplifolius	Large-leaf Pondweed Lakes And Streams	S1	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Streptopus roseus	Rosy Twisted-stalk Rich, Moist Mountain Woods	S2	G5	S	--
Symplocos tinctoria	Horse-sugar Floodplains And Moist Ravines	S2	G5	S	--
Thermopsis fraxinifolia	Ash-leaved Bush-pea Roadsides And Dry Open Woods	S3	G3?	T	--

Monroe County . . . Continued — Known Species: 111

Vascular Plants: 44 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Xerophyllum asphodeloides	Eastern Turkeybeard Dry Oak Or Piney Woods	S3	G4	T	--

Vertebrate Animals: 38		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aegolius acadicus	Northern Saw-whet Owl High-elevation spruce-fir forests; Blue Ridge Mountains.	S1	G5	T	--
Aquila chrysaetos	Golden Eagle Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.	S1	G5	T	--
Clinostomus funduloides ssp. 1	Smoky Dace Upland tributaries of Little Tennessee River; east Tennessee.	S1S2	G5T3Q	D	--
Condylura cristata	Star-nosed Mole Hydric soils in beech-maple-birch forests at higher elevations in the Appalachians.	S2	G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Desmognathus aeneus	Seepage Salamander Leaf litter in mixed hardwood forests near small creeks, springs and seeps; southern Blue Ridge; SE Tennessee.	S1	G3G4	D	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Etheostoma gutselli	Tuckasegee Darter Swift riffle areas with coarse rubble; Little Tennessee & Pigeon rivers.	S1	G4	E	--
Etheostoma percnurum	Duskytail Darter Gently flowing pools near riffles; larger creeks and medium size rivers; Tennessee & Cumberland river drainages.	S1	G2	E	LE,XN
Eurycea junaluska	Junaluska Salamander Beneath rocks along medium to large streams; S Blue Ridge; Monroe, Blount, & Sevier counties.	S2	G3	D	--
Glaucomys sabrinus coloratus	Carolina Northern Flying Squirrel Spruce-fir or mature hardwood forest with snags; in tree cavities or leaf nests; higher elevations of the Appalachians.	S1S2	G5T1	E	LE

Monroe County . . . Continued — Known Species: 111

Vertebrate Animals: 38 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma floridana haematoreia	Southern Appalachian Woodrat	S2	G5T4Q	D	--
	Forests & talus slopes in southern Appalachians of southeastern Tennessee.				
Noturus baileyi	Smoky Madtom	S1	G1	E	LE,XN
	Clear, cool, rocky riffles, runs, and flowing pools of mountain creeks; lower Little Tennessee River system.				
Noturus flavipinnis	Yellowfin Madtom	S1	G1	E	LT,XN
	Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				

Monroe County . . . Continued — Known Species: 111

Vertebrate Animals: 38 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Sorex palustris	American Water Shrew	S2	G5	D	--
	Most abundant along small cold streams with thick overhanging riparian growth; Appalachian Mountains.				
Sphyrapicus varius	Yellow-bellied Sapsucker	S1B,S4N	G5	D	--
	Deciduous or mixed deciduous-coniferous forest; winters statewide and breeds in Appalachian Mountains.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Monroe --

Montgomery County — Known Species: 75

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pennyroyal Karst Plain Prairie and Barrens	Pennyroyal Karst Plain Prairie and Barrens	S2?	GNR	--	--

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lithasia salebrosa	Muddy Rocksnail Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.	S2	G3G4Q	--	--
Orconectes pellucidus	Mammoth Cave Crayfish Aquatic cave obligate; subterranean streams & pools of Penneroyal Plain; Montgomery & Robertson counties.	S3	G4	--	--
Pseudanophthalmus colemanensis	Coleman Cave Beetle Terrestrial cave obligate; Western Highland Rim.	S1	G1	--	--
Stygobromus vitreus	An Amphipod Aquatic cave obligate; pools in wet caves; northernmost Highland Rim and southernmost Cumberlands.	S2	G4	--	--

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fissidens clebschii	Clebsch's Pocket Moss Mesic Forest River Bluffs	SH	GHQ	S	--

Vascular Plants: 46		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis auriculata	Earleaved False-foxglove Barrens	S2	G3	E	--
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star Glades, Barrens, And Rocky River Bars	S3	G5T3Q	S	--
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Arabis shortii	Short's Rock-cress Wooded Bluffs & Floodplains	S1S2	G5	S	--
Asclepias purpurascens	Purple Milkweed Barrens	S1	G5?	S	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Carex comosa	Bristly Sedge Swamps	S2	G5	T	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Carex lacustris	Lake-bank Sedge Alluvial Woods	S1	G5	T	--
Carex muskingumensis	Muskingum Sedge Wet Woods	SH	G4	E-P	--

Montgomery County . . . Continued **Known Species: 75**

Vascular Plants: 46 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Clematis pitcheri	Pitcher Leather-flower Rocky Woodlands	SH	G4G5	T	--
Cornus obliqua	Silky Dogwood Rocky River Shores	S2?	G5T5	S	--
Desmodium ochroleucum	Creamflower Tick-trefoil Sandy Dry Woods	S1	G1G2	E	--
Diarrhena obovata	Beak Grass Moist Calcareous Ledges, Upland Woods	S1	G4G5	S	--
Echinacea pallida	Pale-purple Coneflower Barrens And Dry Openings	S1	G4	T	--
Eleocharis lanceolata	Lance-like Spike-rush Wet Areas	S1	G4G5	S	--
Elodea nuttallii	Nuttall's Waterweed Aquatic; Streams And Ponds	S2	G5	S	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Heteranthera limosa	Blue Mud-plantain Mud Flats	S1S2	G5	T	--
Hieracium longipilum	Hairy Hawkweed Dry Fields And Sandy Road Banks	S1	G4G5	S	--
Hottonia inflata	Featherfoil Wet Sloughs And Ditches	S2	G4	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Muhlenbergia glabriflora	Hair Grass Dry Woods And Barrens	S1	G4?	S	--
Neobeckia aquatica	Lake Cress Gum Or Cypress Swamps	S2	G4?	S	--
Packera plattensis	Prairie Ragwort Open Riverbanks, Barrens	S1	G5	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Montgomery County . . . Continued — Known Species: 75

Vascular Plants: 46 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Phacelia ranunculacea	Blue Scorpion-weed Alluvial Woods	S2S3	G4	S	--
Polygala mariana	Maryland Milkwort Sandy Alluvial Woods And Disturbed Areas	S1	G5	S	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Prenanthes crepidinea	Nodding Rattlesnake-root Rich Bottomlands	S2	G4	E	--
Ranunculus aquatilis var. diffusus	White Water-buttercup Ponds And Streams	S1	G5T5	E	--
Ranunculus flabellaris	Yellow Water-crowfoot Ponds And Marshes	S2	G5	T	--
Ribes odoratum	Buffalo Currant Limestone Bluffs	SH	G5T4T5	T	--
Rudbeckia subtomentosa	Sweet Coneflower Barrens	S2	G5	T	--
Sagittaria brevirostra	Short-beaked Arrowhead Swamps And Floodplains	S1	G5	T	--
Sagittaria platyphylla	Ovate-leaved Arrowhead Swamps, Emmergent	S2S3	G5	S	--
Sagittaria rigida	Sessile-fruited Arrowhead Ponds And Marshes	S1	G5	S	--
Silphium laciniatum	Compass Plant Barrens	S2	G5	T	--
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Solidago rupestris	Rock Goldenrod Limestone Riverbanks, Bluffs	S1	G4?	E	--
Trifolium reflexum	Buffalo Clover Rocky Open Woods	S1	G3G4	E	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--

Vertebrate Animals: 23		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Ammodramus henslowii	Henslow's Sparrow Damp open fields and meadows with grass interspersed with weeds or shrubs.	S1B	G4	D	--

Montgomery County . . . Continued — Known Species: 75

Vertebrate Animals: 23 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Botaurus lentiginosus	American Bittern	S1	G4	--	--
	Lake and pond edges with plentiful vegetation, and wetlands created by impoundments; rare nester.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Nerodia erythrogaster neglecta	Copperbelly Watersnake	S2S3	G5T3	--	No Status
	Warm, quiet waters; wooded lakes, streams, sloughs; northern middle Tennessee; lower Cumberland & Tennessee river watersheds.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Passerculus sandwichensis	Savannah Sparrow	S1B,S4N	G5	--	--
	Grassland habitats, away from cultivated fields and fence lines; reported from Ridge & Valley and Western Highland Rim.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				

Montgomery County . . . Continued — Known Species: 75

Vertebrate Animals: 23 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Montgomery --

Moore County — Known Species: 14

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Quercus phellos - Quercus alba / Vaccinium fuscatum - (Viburnum nudum) / Carex (barrattii, intumescens) Forest	Barrens Depression Willow Oak Forest	SNR	G2	--	--

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Lithasia lima	Warty Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; Elk River & larger tributaries (Tennessee River watershed).				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				

Vascular Plants: 7		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Dichanthelium acuminatum ssp. leucothrix	Roughish Witchgrass	S1	G4?Q	S	--
	Moist Pine Barrens				
Dichanthelium ensifolium ssp. curtifolium	Short-leaved Panic Grass	S1	G3?	E	--
	Boggy Areas				
Drosera brevifolia	Dwarf Sundew	S2	G5	T	--
	Wet Barrens And Ecotones				
Neviusia alabamensis	Alabama Snow-wreath	S2	G2	T	--
	Upland Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Zigadenus leimanthoides	Death-camas	S2	G4Q	T	--
	Acidic Wetlands				

Vertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				

-- End of Moore --

Morgan County — Known Species: 60

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
(Salix caroliniana, Rhododendron arborescens) - Andropogon gerardii - Baptisia australis - (Solidago simplex var. randii) Herbaceous Vegetation	Cumberland Plateau Riverine Cobble Bar	S2	G2?	--	--

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Alasmidonta atropurpurea	Cumberland Elktoe	S1S2	G1G2	E	LE
	Small creeks to medium-sized rivers with slow current, sand substrates, and large cobble; upper Cumberland River watershed.				
Cambarus sp. 1	Emory River Crayfish	S1	G1?	--	--
	Under rock cover in Emory River & larger tributaries, Morgan County.				
Lampsilis virescens	Alabama Lampmussel	S1	G1	E	LE
	Found in sand and gravel substrates in shoal areas of small-medium size rivers; middle and upper TN R system; poss extirpated in TN.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Villosa perpurpurea	Purple Bean	S1	G1	E	LE
	Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.				
Villosa trabalis	Cumberland Bean	S1	G1	E	LE
	Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.				

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bryoxiphium norvegicum	Sword Moss	S1	G5?	T	--
	Sandstone Rockhouses And Shaded Outcroppings				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Schizachyrium scoparium - Danthonia sericea - Aster surculosus - Liatris microcephala Herbaceous Vegetation	Cumberland Plateau Clifftop Sandstone Barren	S2?	G3	--	--

Vascular Plants: 30		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Adlumia fungosa	Climbing Fumitory	S2	G4	T	--
	Rich Mesic Woods				
Ageratina luciae-brauniae	Lucy Braun's White Snakeroot	S3	G3	T	--
	Rockhouses				
Amelanchier sanguinea	Roundleaf Shadbush	S2	G5	T	--
	Rocky Slopes And River Banks				
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				

Morgan County . . . Continued **Known Species: 60**

Vascular Plants: 30 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Buckleya distichophylla	Piratebush Rocky Mountain Woods W/ Hemlock	S2	G2	T	--
Calamovilfa arcuata	Cumberland Sandgrass Rocky And Sandy River Bars	S2	G2	E	--
Conradina verticillata	Cumberland Rosemary Sandy, Rocky River Banks And Bars	S3	G3	T	LT
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Danthonia epilis	Bog Oat-grass Acidic Seeps	S1S2	G3G4	S	--
Helenium brevifolium	Shortleaf Sneezeweed Rocky, Sandy Streamsides	S1	G4	E	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Hieracium scabrum	Rough Hawkweed Dry Open Woods And Pastures	S2	G5	T	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Leucothoe racemosa	Fetter-bush Acidic Wetlands And Swamps	S2	G5	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Marshallia grandiflora	Large-fl. Barbara's-buttons Rocky River Bars	S2	G2	E	--
Melanthium woodii	Ozark Bunchflower Rich Wooded Slopes	S1	G5	E	--
Minuartia cumberlandensis	Cumberland Sandwort Rockhouses	S2	G2G3	E	LE
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Polygonella americana	Southern Jointweed Dry, Open Woods And Barrens	S1S2	G5	E	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--

Morgan County . . . Continued — Known Species: 60

Vascular Plants: 30 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Sporobolus junceus	Pinelands Dropseed Dry Piney Woods	S1	G5	S	--
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Trientalis borealis	Northern Starflower Mountain Hardwood Forests	S1	G5	T	--
Utricularia subulata	Zigzag Bladderwort Wet Barrens, Ecotones	S1	G5	T	--

Vertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Desmognathus welteri	Black Mountain Salamander Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.	S3	G4	D	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Etheostoma baileyi	Emerald Darter Creeks and small rivers with riffles containing gravel or rubble; upper Cumberland drainage.	S2	G4G5	D	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--
Napaeozapus insignis	Woodland Jumping Mouse Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.	S4	G5	D	--
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--

Morgan County . . . Continued — Known Species: 60

Vertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina squamata	Olive Darter	S2	G3	D	--
	Small-med rivers; in strong flowing chutes with rubble/boulders in high-gradient streams; portions of upper Tenn & Cumb river systems. 				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Spilogale putorius	Eastern Spotted Skunk	S3	G5	--	--
	Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				

-- End of Morgan --

Obion County — Known Species: 35

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Webbhelix multilineata	Striped Whitelip	S2	G5	--	--
	Low wet habitats, marshes, floodplains, meadows; lake margins; under leaf litter or drift; Mississippi River floodplain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex comosa	Bristly Sedge	S2	G5	T	--
	Swamps				
Elodea nuttallii	Nuttall's Waterweed	S2	G5	S	--
	Aquatic; Streams And Ponds				
Hottonia inflata	Featherfoil	S2	G4	S	--
	Wet Sloughs And Ditches				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Neobeckia aquatica	Lake Cress	S2	G4?	S	--
	Gum Or Cypress Swamps				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Phacelia ranunculacea	Blue Scorpion-weed	S2S3	G4	S	--
	Alluvial Woods				
Prunus virginiana	Choke Cherry	S1	G5	S	--
	Moist Coves And Slopes				
Ranunculus flabellaris	Yellow Water-crowfoot	S2	G5	T	--
	Ponds And Marshes				
Sagittaria platyphylla	Ovate-leaved Arrowhead	S2S3	G5	S	--
	Swamps, Emmergent				
Spiranthes odorata	Sweetscent Ladies'-tresses	S1	G5	E	--
	Swamps, Pond Margins				

Vertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow	S1B	G3	E	--
	Dry open pine or oak woods; nests on the ground in dense cover.				
Anhinga anhinga	Anhinga	S1B	G5	D	--
	Swamps, lakes, and sluggish streams at low elevations.				

Obion County . . . Continued — Known Species: 35

Vertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ardea alba	Great Egret	S2B,S3N	G5	D	--
	Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Falco peregrinus	Peregrine Falcon	S1B	G4	E	No Status
	Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.				
Fundulus chrysotus	Golden Topminnow	S1S2	G5	D	--
	Swamps, backwaters, and pools of ditches and slow-moving creeks; Reelfoot Lake & imm. vicinity.				
Gallinula chloropus	Common Moorhen	S1B	G5	D	No Status
	Marshes, quiet rivers, lakes and ponds; nests among marsh plants over water; infrequently flies.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Neotoma floridana illinoensis	Eastern Woodrat	S3	G5T5	D	--
	Forested areas, caves & outcrops; west Tennessee generally.				
Nerodia cyclopion	Mississippi Green Watersnake	S2	G5	D	--
	Marshes, swamps, bayous, shallow lakes and ponds, wet prairies, oxbows and floodplain sloughs; far west Tennessee.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Vireo bellii	Bell's Vireo	S1B	G5	--	No Status
	Thickets adjacent to water, bottomlands; west Tennessee and one confirmed location in Western Highland Rim.				

Obion County . . . Continued **Known Species: 35**

Vertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Obion --

Overton County — Known Species: 45

Invertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Batriasymmodes quisnamus	A Cave Obligate Beetle	S3	G3G4	--	--
	Terrestrial cave obligate; middle Tennessee.				
Batrisodes clypeospecus	A Cave Obligate Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; northern Cumberlands.				
Cambarus obeyensis	Obey Crayfish	S2	G2	T	--
	Under cover in small-medium sized streams; headwaters of East Fork Obey River; northern Cumberlands; tertiary burrower.				
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				
Donnaldsoncythere tuberosa	A Cave Obligate Shrimp	S2?	G2G3	--	--
	Aquatic cave obligate; Eastern Highland Rim; Putnam & Overton counties; crayfish commensal.				
Helicodiscus hadenoecus	Cricket Coil	S3	G3	--	--
	Cave obligate; feeds on cricket guano; Eastern Highland Rim & Cumberland Plateau.				
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion	S3	G5	--	--
	Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.				
Kleptochthonius pluto	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; Eastern Highland Rim.				
Litocampa sp. 7	Mill Hollow Cave Dipluran	S1	G1	--	--
	Terrestrial cave obligate, northern Cumberlands.				
Nelsonites walteri	A Cave Obligate Beetle	S3	G3G4	--	--
	Terrestrial cave obligate, northern Cumberlands.				
Nesticus stygius	A Cave Obligate Spider	S1S2	G1G2	--	--
	Terrestrial cave obligate; reported from wet caves; northern Cumberlands.				
Orconectes australis	Southern Cave Crayfish	S3	G5	--	--
	Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.				
Pseudanophthalmus sp. 29	Falling Springs Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Overton County.				
Pseudanophthalmus valentinei	A Cave Obligate Beetle	S2S3	G3G4	--	--
	Terrestrial cave obligate; northern Eastern Highland Rim; Putnam & Overton counties.				
Pseudosinella christianseni	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.				
Pseudotremia manni	Mann's Cave Millipede	S1	G1	--	--
	Terrestrial cave obligate; collected from riparian mud banks in caves of the northern Eastern Highland Rim; Overton County.				
Stygobromus sp. 24	Cave Amphipod (Overton Co., TN)	S1	G1	--	--
	Aquatic cave obligate; wet caves in the escarpment of the Cumberland Plateau; Overton County.				
Trechus cumberlandus	Cumberland Ground Beetle	S2	G2	--	--
	Terrestrial associate of caves, springs, sinkholes; escarpment of the Cumberland Plateau, generally.				

Overton County . . . Continued — Known Species: 45

Invertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Triodopsis complanata	Glossy Threetooth	S2	G2	--	--
	Cave associate; also found in leaf litter or around logs or talus; northernmost Cumberlands.				
Zonitoides lateumbilicatus	Striate Gloss	S2?	G3G4	--	--
	A calciphile; found in leaf litter of shady karst woods, ravines; sometimes near springs or seeps; spotty distribution in Cumberlands.				

Vascular Plants: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Allium tricoccum	Ramps	S1S2	G5	S-CE	--
	Rich Woods				
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge	S1	G5?T3	S	--
	Wooded Bluffs, Floodplains				
Caulophyllum giganteum	Giant Blue Cohosh	S1	G4G5Q	T	--
	Rich Woods				
Glyceria acutiflora	Sharp-scaled Mannagrass	S2	G5	S	--
	Swamps,Ponds				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Lilium canadense	Canada Lily	S3	G5	T	--
	Rich Woods And Seeps				
Lilium michiganense	Michigan Lily	S3	G5	T	--
	Swamps And Open Wet Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Spiranthes lucida	Shining Ladies'-tresses	S1S2	G5	T	--
	Alluvial Woods And Moist Slopes				

Vertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				

Overton County . . . Continued — Known Species: 45

Vertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma obeyense	Barcheek Darter	S3	G4	--	--
	Small to medium sized, clear upland streams; Eastern Highland Rim; Cumberland River drainage.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Ixobrychus exilis	Least Bittern	S2B	G5	D	--
	Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Overton --

Perry County — Known Species: 36

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Juniperus virginiana / Schizachyrium scoparium - (Andropogon gerardii, Sorghastrum nutans) - Silphium (trifoliatum, terebinthinaceum) Wooded Herbaceous Vegetation	Western Tennessee Valley Limestone Hill Barrens	SNR	G2	--	--

Invertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarincola leptadenus	A Cave Obligate Worm	S1	G1G2	--	--
	Aquatic cave obligate; crayfish parasite (known from Cambarus tenebrosus); Western Highland Rim.				
Lithasia duttoniana	Helmet Rocksnail	S2	G2Q	--	--
	Rocky substrates in riffle systems; bedrock in flowing water below main section of riffles; Duck River (TN River system).				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Ophiogomphus acuminatus	Acuminate Snaketail	S2	G3	--	--
	Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pseudanophthalmus hesperus	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Western Highland Rim.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Vertigo teskeyae	Swamp Vertigo	S1	G5	--	--
	Wet habitats, pond margins, swamps, muddy bottomlands; tributary creeks of lower Tennessee River.				

Vascular Plants: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acalypha deamii	Deam's Copperleaf	S1	G4?	S	--
	Mesic Woods-Sandbars				
Arabis hirsuta	Western Hairy Rockcress	S1	G5	T	--
	Glades And Limestone Bluffs				

Perry County . . . Continued — Known Species: 36

Vascular Plants: 11 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Desmodium ochroleucum	Creamflower Tick-trefoil Sandy Dry Woods	S1	G1G2	E	--
Draba cuneifolia	Wedge-leaved Whitlow-grass Barrens And Glades	S1S2	G5	S	--
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Onosmodium molle ssp. occidentale	Western False Gromwell Glades	S1S2	G4G5T4?	T	--
Prenanthes aspera	Rough Rattlesnake-root Barrens And Roadsides	S1	G4?	E	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Salvia azurea var. grandiflora	Blue Sage Barrens	S3	G4G5T4?	S	--

Vertebrate Animals: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma aquali	Coppercheek Darter Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.	S2S3	G2G3	T	--
Etheostoma denoncourti	Golden Darter Medium to large rivers in shallow riffle areas of pea gravel; Tennessee River system.	S2	G2	--	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Noturus fasciatus	Saddled Madtom Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.	S2	G2	T	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--

Perry County . . . Continued — Known Species: 36

Vertebrate Animals: 13 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Perry --

Pickett County — Known Species: 42

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heuchera parviflora var. parviflora - Trichomanes boschianum - Thalictrum mirabile - (Ageratina luciae-brauniae, Solidago albopilosa) Herbaceous Vegetation	Cumberland Plateau Sandstone Rockhouse	SNR	G2	--	--

Invertebrate Animals: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Batriasymmodes quisnamus	A Cave Obligate Beetle Terrestrial cave obligate; middle Tennessee.	S3	G3G4	--	--
Kleptochthonius rex	A Cave Obligate Pseudoscorpion Terrestrial cave obligate; Eastern Highland Rim.	S1	G1	--	--
Lithasia armigera	Armored Rocksnail Partially buried logs, gravel, and preferably submerged rock outcrops; lower Cumberland River & larger tributaries; Obey River. 	S1S2	G3G4	--	--
Nelsonites walteri	A Cave Obligate Beetle Terrestrial cave obligate, northern Cumberlands.	S3	G3G4	--	--
Orconectes australis	Southern Cave Crayfish Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.	S3	G5	--	--
Pseudosinella orba	A Cave Springtail Terrestrial cave obligate; reported from two caves in northern Cumberlands; Fentress & Pickett counties.	S2	G3G4	--	--
Pseudotremia wallaceae	Wallace's Cave Millipede Terrestrial cave obligate; collected from riparian mud banks in caves of the northern Eastern Highland Rim; Pickett County.	S1	G1	--	--
Stenotrema angellum	Kentucky Slitmouth Found under logs and leaf litter of forested hillsides and ravines; northern Eastern Highland Rim.	S3	G4	--	--
Tyrannochthonius steevesi	A Cave Obligate Pseudoscorpion Terrestrial cave obligate; northernmost Eastern Highland Rim; known from one cave in Pickett County.	S1	G1	--	--
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE

Nonvascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bryoxiphium norvegicum	Sword Moss Sandstone Rockhouses And Shaded Outcroppings	S1	G5?	T	--
Pellia appalachiana	Wet Soil, Barrens	S2	G4	S	--
Scopelophila cataractae	Agoyan Cataract Moss Rock Houses, Copper-Rich Soils	S1	G3	S	--

Vascular Plants: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Pickett County . . . Continued — Known Species: 42

Vascular Plants: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ageratina luciae-brauniae	Lucy Braun's White Snakeroot Rockhouses	S3	G3	T	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Eurybia schreberi	Schreber's Aster Mesic Woods & Seepage Slopes	S1	G4	S	--
Hieracium scabrum	Rough Hawkweed Dry Open Woods And Pastures	S2	G5	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Maianthemum stellatum	Starflower False Solomon's-seal Floodplains And Sandy Woods	S1	G5	E	--
Minuartia cumberlandensis	Cumberland Sandwort Rockhouses	S2	G2G3	E	LE
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Taxus canadensis	American Yew Sandstone Outcrops	S1	G5	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Utricularia inflata	Inflated Bladderwort Ponds, Lake Margins	S1	G5	S	--

Vertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Desmognathus welteri	Black Mountain Salamander Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.	S3	G4	D	--

Pickett County . . . Continued **Known Species: 42**

Vertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				

-- End of Pickett --

Polk County — Known Species: 112

Invertebrate Animals: 36		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anguispira jessica	Mountain Disc	S3	G3G4	--	--
	Higher elevations in the southern Appalachians, arboreal; also inhabits rotting wood; Roan Mountain & Mt. Le Conte.				
Cambarus conasaugaensis	Mountain Crayfish	S1	G3	--	--
	Mountain seeps & small to medium sized streams in Appalachians; Hiwassee River watershed, Polk County.				
Cambarus hiwasseensis	Hiwassee Crayfish	S1	G3G4	--	--
	Under rocks in clear, swift flowing tributaries of the upper Hiwassee River, Polk County.				
Cheumatopsyche helma	Helma's Net-spinning Caddisfly	S1S3	G3	--	--
	Streams of montane origin; east Tennessee; Tennessee River watershed.				
Elimia christyi	A Freshwater Snail	S2	G2	--	--
	Found in the Hiwassee River and tributaries; southeast Tennessee.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Epioblasma metastriata	Upland Combshell	SH	GH	E	LE
	Sand & gravel substrates in riffle sections of small-medium size rivers; Conasauga River; Polk County.				
Fumonelix archeri	Ocoee Covert	S1	G1	--	--
	In leaf litter or under rock ledges; rich woods north and south of Ocoee River, Cherokee National Forest, Polk County.				
Glyphyalinia ocoae	Blue-gray Glyph	S1	G1	--	--
	Leaf litter on wooded hillsides & ravines; southernmost Blue Ridge; Polk County.				
Glyphyalinia pentadelphia	Pink Glyph	S2	G2G3	--	--
	Pockets of moist leaves in rich upland woods; mid-elevations of Blue Ridge; southeast Tennessee.				
Gomphus consanguis	Cherokee Clubtail	S1	G2G3	--	--
	Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.				
Hamiota altilis	Finelined Pocketbook	S1S2	G2	T	LT
	Creeks/small rivers with substrates of sand, mud, & gravel, & mod current; Conasauga River & Coahulla Ck; Polk & Bradley counties.				
Helicodiscus fimbriatus	Fringed Coil	S3	G4	--	--
	In leaf litter or under rocks on wooded hillsides; southern Blue Ridge; southeast Tennessee.				
Leptoxis virgata	Smooth Mudalia	S1	G2	--	--
	Medium to large rivers, on shoals; portions of upper TN River and some larger tribs; Hiwassee River.				
Lexingtonia dolabelloides	Slabside Pearlymussel	S2	G2	--	C
	Lg creeks to mod sized rivers, in riffles/shoals of sand, fine gravel, and cobble substrates with mod current; Tennessee R watershed.				
Medionidus acutissimus	Alabama Moccasinshell	S1	G2	T	LT
	Small-large rivers in gravel & cobble shoals in shallow water with mod strong current; Conasauga River; Polk County.				
Medionidus parvulus	Coosa Moccasinshell	S1	G1Q	E	LE
	Highly oxygenated streams & small rivers with moderate to strong flow, in sand and gravel; Conasauga River, Polk County.				

Polk County . . . Continued — Known Species: 112

Invertebrate Animals: 36 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Mesomphix rugeli	Wrinkled Button	S3	G4	--	--
	Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.				
Ophiogomphus alleghaniensis	Allegheny Snaketail	S1	G3T2T3	--	--
	Riffle areas of spring-fed streams; Cumberland Plateau, Ridge & Valley, & Blue Ridge; not watershed specific.				
Ophiogomphus edmundo	Edmund's Snaketail	S1	G1G2	--	--
	Clear, moderately flowing mountain streams and rivers; reported from Conasauga River watershed; Cherokee National Forest.				
Paravitrea umbilicaris	Open Supercoil	S2?	G2	--	--
	In pockets of deep, moist leaf litter on forested hillsides & ravines; Blue Ridge; southeast Tennessee.				
Pleurobema chattanoogaense	Painted Clubshell	S1?	G1Q	--	--
	Inhabits riffle areas with substrates of coarse sand and gravel; Conasauga River; Bradley & Polk counties.				
Pleurobema georgianum	Southern Pigtoe	S1	G1	E	LE
	High quality small rivers & large streams; shoals and runs with stable sandy-gravel substrates; Conasauga River; Polk & Bradley cos.				
Pleurobema hanleyianum	Georgia Pigtoe	S1	G1	--	C
	Medium sized rivers with good current and coarse sand/gravel substrates; Conasauga River; Bradley & Polk counties.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pleurobema troschelianum	Alabama Clubshell	S1	G1Q	--	--
	Medium sized rivers with good current and coarse sand/gravel substrates; Conasauga River; Bradley & Polk counties.				
Ptychobranchus greenii	Triangular Kidneyshell	S1	G1Q	E	LE
	Medium sized rivers with good current and coarse sand/gravel substrates; Conasauga River; Bradley & Polk counties.				
Somatogyrus sp. 2	Hiwassee Pebblesnail	S1	G1	--	--
	Known from the "dewatered" section of the Hiwassee River upstream of the Appalachia Powerhouse; on rocks in free-flowing water.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Stenotrema barbigerum	Fringed Slitmouth	S3?	G3G4	--	--
	On logs on forested hillsides & ravines; far SE Tennessee; Blue Ridge and Ridge & Valley.				
Stenotrema cohuttense	Cohutta Slitmouth	S2	G2	--	--
	In leaf litter of forested hillsides & ravines; far SE Tennessee; S Blue Ridge; Polk County.				
Stenotrema pilula	Pygmy Slitmouth	S3	G3G4	--	--
	Found under logs and in leaf litter on dry forested hillsides; Blue Ridge; GSMNP.				
Strophitus connasaugaensis	Alabama Creekmussel	S1	G3	--	--
	Small-medium sized rivers, in shallow areas with current and substrates of of fine gravel, sand, & silt; Conasauga River; Polk County.				
Ventridens decussatus	Crossed Dome	S2?	G3	--	--
	In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.				

Polk County . . . Continued — Known Species: 112

Invertebrate Animals: 36 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE
Villosa vibex	Southern Rainbow Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.	S2	G5Q	--	--

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Megaceros aenigmaticus	Megaceros Mid-Elev. Streams On Wet Shaded Rocks	S2S3	G2G3	S	--

Vascular Plants: 49		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Agalinis plukenetii	Purple Gerardia Dry Sandy Woods	SH	G3G5	E-P	--
Agastache scrophulariifolia	Purple Giant Hyssop Rich Mountain Woods	S1S2	G4	T	--
Amelanchier sanguinea	Roundleaf Shadbush Rocky Slopes And River Banks	S2	G5	T	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Chrysogonum virginianum	Green-and-gold Dry Woods And Openings	S2	G5	T	--
Coreopsis delphiniifolia	Larkspur-leaved Coreopsis Pine-Oak Woods	S1	G3?Q	E	--
Coreopsis latifolia	Broad-leaved Tickseed Streamheads	S1S2	G3	E	--
Cyperus dentatus	Toothed Sedge Rocky River Banks	S1	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Dichanthelium acuminatum ssp. leucothrix	Roughish Witchgrass Moist Pine Barrens	S1	G4?Q	S	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--

Polk County . . . Continued **Known Species: 112**

Vascular Plants: 49 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Fuirena squarrosa	Hairy Umbrella-sedge Stream And Lake Margins	S1	G4G5	S	--
Gelsemium sempervirens	Yellow Jessamine Dry Openings	S1S2	G5	S	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Isoetes tennesseensis	Hiwassee Quillwort Rocky River Banks	S1	G1	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lobelia amoena	Southern Lobelia Mountain Flood Plains And Pools	S1S2	G4?	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Magnolia virginiana	Sweetbay Magnolia Forested Acidic Wetlands	S2	G5	T	--
Marshallia obovata	Piedmont Barbara's-buttons Woodlands & Streambanks	S1	G4G5	T	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--
Nestronia umbellula	Nestronia Upland Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pilularia americana	American Pillwort Lake Drawdown Zones	S1S2	G5	S	--
Pityopsis ruthii	Ruth's Golden-aster Bouldery River Shoals	S1	G1	E	LE
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--

Polk County . . . Continued — Known Species: 112

Vascular Plants: 49 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Pseudognaphalium helleri	Heller's Catfoot Dry Sandy Woods	S2	G4G5	S	--
Sacciolepis striata	Gibbous Panic-grass Floodplains And Shallow Pools	S1	G5	S	--
Sedum nevii	Nevius' Stonecrop Rocky Bluffs And Cliffs	S1	G3	E	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Symplocos tinctoria	Horse-sugar Floodplains And Moist Ravines	S2	G5	S	--
Thermopsis fraxinifolia	Ash-leaved Bush-pea Roadsides And Dry Open Woods	S3	G3?	T	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Trillium decumbens	Trailing Trillium Floodplains And Rocky, Open, Mountain Woods	S1	G4	E	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Vaccinium macrocarpon	Cranberry Bogs	S2	G4	T	--
Xerophyllum asphodeloides	Eastern Turkeybeard Dry Oak Or Piney Woods	S3	G4	T	--

Vertebrate Animals: 26		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cyprinella caerulea	Blue Shiner Cool, clear, small to medium-sized rivers over firm substrates.	S1	G2	E	LT

Polk County . . . Continued — Known Species: 112

Vertebrate Animals: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Desmognathus aeneus	Seepage Salamander	S1	G3G4	D	--
	Leaf litter in mixed hardwood forests near small creeks, springs and seeps; southern Blue Ridge; SE Tennessee.				
Etheostoma brevirostrum	Holiday Darter	S1	G2	T	--
	Bedrock & gravel pools of creeks and small to medium rivers; Conasauga River watershed.				
Etheostoma ditrema	Coldwater Darter	S1	G1G2	T	--
	Limestone springs and slow spring runs; Conasauga River watershed.				
Etheostoma trisella	Trispot Darter	S1	G1	T	--
	Slackwater areas along margins of the Conasauga River & some tributaries; Conasauga River watershed.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hybopsis lineapunctata	Lined Chub	S1	G3G4	D	--
	Small upland creeks with sandy substrates; Conasauga River watershed.				
Ichthyomyzon gagei	Southern Brook Lamprey	S1	G5	D	--
	Gravel and sand riffles and runs of small rivers and creeks; Conasauga & lower Tennessee river watersheds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma floridana haematoreia	Southern Appalachian Woodrat	S2	G5T4Q	D	--
	Forests & talus slopes in southern Appalachians of southeastern Tennessee.				
Percina antesella	Amber Darter	S1	G1G2	E	LE
	Main channel of Conasauga River in flowing pools & deeper runs with clean substrates of sand, gravel, scattered boulders.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina jenkinsi	Conasauga Logperch	S1	G1	E	LE
	Deep gravel runs or pools with small stones & sandy bottoms; Conasauga and Jacks rivers; Conasauga River watershed.				
Percina kusha	Bridled Darter	S1	G2	--	--
	Small rivers with exceptional water quality, in flowing pools with sand, detritus, boulders; Conasauga River watershed.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				

Polk County . . . Continued — Known Species: 112

Vertebrate Animals: 26 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Plestiodon anthracinus	Coal Skink	S1	G5	D	--
	Humid wooded areas with abundant leaf litter and loose rocks; vicinity of springs, swamps, and bogs; spotty distribution.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				

-- End of Polk --

Putnam County — Known Species: 55

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central Interior Highlands and Appalachian Sinkhole and Depression Pond	Highland Rim Sinkhole and Depression Pond	S2S3	GNR	--	--
Cumberland Sandstone Glade and Barrens	Cumberland Sandstone Glade and Barrens	S2S3	GNR	--	--

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Thuja occidentalis / Carex eburnea - Pellaea atropurpurea Woodland	White Cedar Cliff/Bluff Woodland	SNR	G2G3	--	--

Invertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Batrisodes pannosus	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Eastern Highland Rim.				
Cambarus obeyensis	Obey Crayfish	S2	G2	T	--
	Under cover in small-medium sized streams; headwaters of East Fork Obey River; northern Cumberlands; tertiary burrower.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dactylocythere steevesi	A Cave Obligate Shrimp	S2S3	G4	--	--
	Aquatic cave obligate; crayfish commensal; Cumberland Plateau & Eastern Highland Rim generally.				
Donnaldsoncythere tuberosa	A Cave Obligate Shrimp	S2?	G2G3	--	--
	Aquatic cave obligate; Eastern Highland Rim; Putnam & Overton counties; crayfish commensal.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Kleptochthonius stygius	A Cave Obligate Pseudoscorpion	S1	G1	--	--
	Terrestrial cave obligate; Eastern Highland Rim.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Orconectes australis	Southern Cave Crayfish	S3	G5	--	--
	Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.				
Orconectes incomptus	Tennessee Cave Crayfish	S1	G1	E	--
	Aquatic cave obligate; subterranean streams & shallow pools; lower-elevation caves of Highland Rim escarp; Cumb River watershed.				

Putnam County . . . Continued — Known Species: 55

Invertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pleurobema clava	Clubshell Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumb. & Tenn. rivers.	SH	G2	E	LE
Sagittocythere barri	Ectocommensal Ostracod Aquatic cave obligate; crayfish commensal.	S3	G5	--	--
Villosa trabalis	Cumberland Bean Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.	S1	G1	E	LE

Vascular Plants: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ageratina luciae-brauniae	Lucy Braun's White Snakeroot Rockhouses	S3	G3	T	--
Botrychium jenmanii	Alabama Grapefern Pine Woods	S1	G3G4	T	--
Carex chapmanii	Chapman's Sedge Wet Woods	S1	G3	T	--
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Eleocharis equisetoides	Horse-tail Spike-rush Pond Edges And Open Wetlands	S1	G4	E	--
Elymus svensonii	Svenson's Wild-rye Rocky Bluffs	S2	G3	E	--
Eriogonum longifolium var. harperi	Harper's Umbrella-plant Rocky Bluffs	S1	G4T2	E	--
Erysimum capitatum	Western Wallflower Rocky Bluffs	S1S2	G5	E	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Muhlenbergia cuspidata	Plains Muhly Limestone Cliffs	S1	G4	E	--
Potamogeton amplifolius	Large-leaf Pondweed Lakes And Streams	S1	G5	T	--

Putnam County . . . Continued — Known Species: 55

Vascular Plants: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pycnanthemum torrei	Torrey's Mountain-mint Barrens	S1	G2	S	--
Rhynchospora perplexa	Obscure Beak-rush Marshes, Wet Barrens	S2	G5	T	--
Spiraea alba	Narrow-leaved Meadow-sweet Bogs	S1	G5	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trillium pusillum	Least Trillium Alluvial/Moist Ravines And Dry Ridges	S2	G3	E	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Aneides aeneus	Green Salamander Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.	S3S4	G3G4	--	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma olivaceum	Sooty Darter Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.	S3	G3	D	--
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Notropis rupestris	Bedrock Shiner Bedrock pools of some low-gradient streams of the Nashville Basin.	S2	G2	D	--
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--

Putnam County . . . Continued — Known Species: 55

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Putnam --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Rhea County — Known Species: 34

Invertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Nesticus dilutus	Grassy Creek Cave Spider	S1	G1	--	--
	Terrestrial cave obligate; Rhea County.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema oviforme	Tennessee Clubshell	S2S3	G2G3	--	--
	Small, shallow streams & rivers with good current & coarse gravel/sand substrates; Tennessee & Cumberland river systems.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Pleurobema rubrum	Pyramid Pigtoe	S1S2	G2G3	--	--
	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.				
Pseudanophthalmus nortoni	Norton's Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Ridge & Valley.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Diamorpha smallii	Small's Stonecrop	S1S2	G4	E	--
	Sandstone Outcrops				
Gelsemium sempervirens	Yellow Jessamine	S1S2	G5	S	--
	Dry Openings				
Lathyrus palustris	Marsh Pea	S1	G5	S	--
	Wet Woods & Marshes				
Liatris cylindracea	Slender Blazing-star	S2	G5	T	--
	Barrens				
Polygala nana	Dwarf Milkwort	S1	G5	E	--
	Wet Acidic Barrens				

Rhea County . . . Continued — Known Species: 34

Vascular Plants: 10 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ribes curvatum	Granite Gooseberry Rocky Woods	S1	G4	T	--
Solidago ptarmicoides	Prairie Goldenrod Barrens	S1S2	G5	E	--
Talinum mengesii	Menge's Fame-flower Dry Rock Ledges	S2	G3	T	--
Talinum teretifolium	Roundleaf Fameflower Dry Sandy Rock Outcrops	S2	G4	T	--

Vertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Percina aurantiaca	Tangerine Darter Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.	S3	G4	D	--
Phoxinus saylori	Laurel Dace Cool 1st-2nd order streams with slabrock and rubble substrate; Walden Ridge of the Cumberland Plateau; Tennessee River watershed.	S1	G1	E	C
Phoxinus tennesseensis	Tennessee Dace First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.	S3	G3	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--
Spilogale putorius	Eastern Spotted Skunk Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.	S3	G5	--	--
Synaptomys cooperi	Southern Bog Lemming Marshy meadows, wet balds, & rich upland forests.	S4	G5	D	--

Rhea County . . . Continued **Known Species: 34**

Vertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Rhea --

Roane County — Known Species: 75

Invertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Caecidotea incurva	Incurved Cave Isopod	S1	G2G4	--	--
	Aquatic cave obligate; known from two wet caves in east Tennessee.				
Cambarus deweesae	Valley Flame Crayfish	S1	G4	E	--
	Primary burrower; open areas with high water tables; northern Ridge & Valley.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Lampsilis virescens	Alabama Lampmussel	S1	G1	E	LE
	Found in sand and gravel substrates in shoal areas of small-medium size rivers; middle and upper TN R system; poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema rubrum	Pyramid Pigtoe	S1S2	G2G3	--	--
	Rivers with strong current and firm sand/gravel substrates; TN & Cumb river systems incl KY Reservoir; W Uplands & W Highland Rim.				
Quadrula cylindrica strigillata	Rough Rabbitsfoot	S2	G3G4T2	E	LE
	Small-medium sized rivers, in clear, shallow riffles with sand-gravel substrates; Tenn. & Cumb. river systems; upland form.				
Villosa perpurpurea	Purple Bean	S1	G1	E	LE
	Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.				

Nonvascular Plants: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myurella julacea		SH	G5	S-P	--
	Shale Bluffs				
Preissia quadrata		S1	G5	T	--
	Seepy Limestone Cliffs And Bluffs				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 37	St. Rank	Global Rank	St. Prot.	Fed. Prot.

Roane County . . . Continued **Known Species: 75**

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Agalinis auriculata	Earleaved False-foxglove Barrens	S2	G3	E	--
Asplenium scolopendrium var. americanum	Hart's-tongue Fern Sinks	S1	G4T3	E	LT
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Bolboschoenus fluviatilis	River Bulrush Marshes	S1	G5	S	--
Carex gravida	Heavy Sedge Rocky River Bluffs	S1	G5	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Delphinium exaltatum	Tall Larkspur Glades And Barrens	S2	G3	E	--
Diervilla lonicera	Northern Bush-honeysuckle Rocky Woodlands And Bluffs	S2	G5	T	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Elodea nuttallii	Nuttall's Waterweed Aquatic; Streams And Ponds	S2	G5	S	--
Erysimum capitatum	Western Wallflower Rocky Bluffs	S1S2	G5	E	--
Eurybia schreberi	Schreber's Aster Mesic Woods & Seepage Slopes	S1	G4	S	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--
Leucothoe racemosa	Fetter-bush Acidic Wetlands And Swamps	S2	G5	T	--

Roane County . . . Continued — Known Species: 75

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Marshallia grandiflora	Large-fl. Barbara's-buttons Rocky River Bars	S2	G2	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Pseudognaphalium helleri	Heller's Catfoot Dry Sandy Woods	S2	G4G5	S	--
Ruellia purshiana	Pursh's Wild-petunia Dry Woods	S1S2	G3	S	--
Solidago ptarmicoides	Prairie Goldenrod Barrens	S1S2	G5	E	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Symphyotrichum pratense	Barrens Silky Aster Barrens	S1	G4?	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Viola tripartita var. tripartita	Three-parted Violet Wooded Slopes	S2S3	G5T3	S	--

Vertebrate Animals: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Aimophila aestivalis	Bachman's Sparrow Dry open pine or oak woods; nests on the ground in dense cover.	S1B	G3	E	--

Roane County . . . Continued — Known Species: 75

Vertebrate Animals: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aneides aeneus	Green Salamander	S3S4	G3G4	--	--
	Damp crevices in shaded rock outcrops and ledges; beneath loose bark and cracks of trees and sometimes in/or under logs.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Erimonax monachus	Spotfin Chub	S2	G2	T	LT,XN, PXN
	Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.				
Gyrinophilus gulolineatus	Berry Cave Salamander	S1	G1Q	T	--
	Aquatic cave obligate; Ridge & Valley; formerly included with G. palleucus.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				

Roane County . . . Continued

Known Species: 75

Vertebrate Animals: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Spilogale putorius	Eastern Spotted Skunk	S3	G5	--	--
	Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Roane --

Robertson County — Known Species: 20

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lithasia salebrosa	Muddy Rocksnail	S2	G3G4Q	--	--
	Formerly occurred in portions of lower Cumberland and lower Tennessee systems; may be limited to dam tailwaters currently.				
Orconectes pellucidus	Mammoth Cave Crayfish	S3	G4	--	--
	Aquatic cave obligate; subterranean streams & pools of Penneroyal Plain; Montgomery & Robertson counties.				
Pseudanophthalmus loganensis	A Cave Obligate Beetle	S1S2	G2G3	--	--
	Terrestrial cave obligate; Western Highland Rim.				

Vascular Plants: 8		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Astragalus tennesseensis	Tennessee Milk-vetch	S3	G3	S	--
	Glades				
Carex buxbaumii	Brown Bog Sedge	S1	G5	T	--
	Swamps				
Helianthus eggertii	Eggert's Sunflower	S3	G3	S	DM
	Barrens And Roadsides				
Leucothoe racemosa	Fetter-bush	S2	G5	T	--
	Acidic Wetlands And Swamps				
Ranunculus aquatilis var. diffusus	White Water-buttercup	S1	G5T5	E	--
	Ponds And Streams				
Ranunculus flabellaris	Yellow Water-crowfoot	S2	G5	T	--
	Ponds And Marshes				
Spiranthes odorata	Sweetscent Ladies'-tresses	S1	G5	E	--
	Swamps, Pond Margins				
Torreyochloa pallida	Pale Manna Grass	S1	G5	S	--
	Pond And Stream Margins				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Etheostoma microlepidum	Smallscale Darter	S2	G2G3	D	--
	Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.				
Etheostoma tippecanoe	Tippecanoe Darter	S1S2	G3G4	D	--
	Medium to large rivers in shallow riffle areas containing fine cherty gravel; Cumberland River watershed.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				

Robertson County . . . Continued — Known Species: 20

Vertebrate Animals: 9 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Robertson --

Rutherford County — Known Species: 78

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Nashville Basin Limestone Glade	Nashville Basin Limestone Glade, Barrens, and Woodland	SNR	GNR	--	--

Ecological Systems: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dalea foliosa - Mecardonia acuminata - Mitreola petiolata Herbaceous Vegetation	Limestone Glade Streamside Meadow	S2?	G2?	--	--
Eleocharis compressa - Schoenolirion croceum - Carex crawei - Allium cernuum Herbaceous Vegetation	Central Basin Limestone Seep Glade	SNR	G2?	--	--

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Pegias fabula	Littlewing Pearlymussel	S1	G1	E	LE
	Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.				
Pseudanophthalmus acherontis	Echo Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Central Basin; reported from Wilson & Rutherford counties.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				
Simpsonaias ambigua	Salamander Mussel	S1	G3	--	--
	In sand or silt under large, flat stones in areas of swift current; occurred historically in E Fk Stones R; 2005 obs in lower Duck R.				

Nonvascular Plants: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cololejeunea ornata	Ornate Cololejeunea	S1	G2G4	T	--
	Sinks & High Humidity Areas On Limestone				
Lejeunea sharpii	Sharp's Lejeunea	S1S2	G2G3	E	--
	Calcareous Bluffs, Rock & Logs Of Wet Sinks				

Vascular Plants: 51		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Allium stellatum	Glade Onion	S1	G5	E	--
	Glades				
Ammoselinum popei	Pope's Sand-parsley	S2	G4	T	--
	Glades				

Rutherford County . . . Continued **Known Species: 78**

Vascular Plants: 51 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star Glades, Barrens, And Rocky River Bars	S3	G5T3Q	S	--
Anemone caroliniana	Carolina Anemone Glades And Cedar Woodlands	S1S2	G5	E	--
Arabis glabra	Tower-mustard Barrens And Open Floodplains	S1	G5	S	--
Arabis hirsuta	Western Hairy Rockcress Glades And Limestone Bluffs	S1	G5	T	--
Arabis perstellata	Braun's Rockcress Limestone Bluffs	S1	G2	E	LE
Arnoglossum plantagineum	Fen Indian-plantain Moist Prairies And Marshes	S2	G4G5	T	--
Astragalus bibullatus	Pyne's Ground-plum Ordovician Limestone Glades	S1	G1	E	LE
Astragalus tennesseensis	Tennessee Milk-vetch Glades	S3	G3	S	--
Carex davisii	Davis' Sedge Bottomlands, Riparian Soils	S1	G4	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Dalea candida	White Prairie-clover Barrens	S2	G5	S	--
Dalea foliosa	Leafy Prairie-clover Rocky Washes In Glades	S2S3	G2G3	E	LE
Dalea purpurea	Purple Prairie-clover Barrens	S1	G5	E	--
Echinacea pallida	Pale-purple Coneflower Barrens And Dry Openings	S1	G4	T	--
Echinacea simulata	Wavy-leaf Purple Coneflower Glades And Barrens	S2	G3	T	--
Echinacea tennesseensis	Tennessee Coneflower Ordovician Limestone Glades	S2	G2	E	LE
Eleocharis compressa	Flat-stemmed Spike-rush Wet Limestone Glades	S1	G4	S	--
Eleocharis equisetoides	Horse-tail Spike-rush Pond Edges And Open Wetlands	S1	G4	E	--
Eleocharis wolfii	Wolf Spike-rush Wet Woods On Floodplains	S1	G3G4	E	--
Evolvulus nuttallianus	Evolvulus Glades	S3	G5	S	--

Rutherford County . . . Continued **Known Species: 78**

Vascular Plants: 51 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fimbristylis puberula	Hairy Fimbristylis Wet Prairies And Woods	S1S2	G5	T	--
Gentiana puberulenta	Downy Gentian Barrens	S1	G4G5	E	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Isoetes melanopoda	Blackfoot Quillwort Wet Fields	S1S2	G5	E	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Lesquerella stonensis	Stones River Bladderpod Cultivated Fields	S1	G1	E	--
Liatris cylindracea	Slender Blazing-star Barrens	S2	G5	T	--
Mirabilis albida	Pale Umbrella-wort Glades	S2	G5	T	--
Neviusia alabamensis	Alabama Snow-wreath Upland Woods	S2	G2	T	--
Oenothera macrocarpa	Missouri Primrose Limestone Cedar Glades	S2	G5	T	--
Onosmodium molle ssp. subsetosum	Smooth False Gromwell Limestone Woods	S1	G4G5T4?	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Phlox bifida ssp. stellaria	Glade Cleft Phlox Glades	S3	G5?T3	T	--
Polygala boykinii	Boykin's Milkwort Glades	S2	G4	T	--
Sagittaria platyphylla	Ovate-leaved Arrowhead Swamps, Emmergent	S2S3	G5	S	--
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Scleria verticillata	Low Nutrush Wet Prairies And Fens	S2	G5	S	--
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Solidago gattingeri	Gattinger's Goldenrod Glades	S1	G3?Q	E	--

Rutherford County . . . Continued — Known Species: 78

Vascular Plants: 51 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sporobolus heterolepis	Northern Dropseed Limestone Glades And Barrens	S1	G5	S	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Symphyotrichum praealtum	Willow Aster Moist Prairies And Marshes	S1	G5	E	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Trifolium calcaricum	Running Glade Clover Glades, Cedar Woods, And Thickets	S1	G1	E	--
Veronica catenata	Sessile Water-speedwell Slow Flowing Streams And Ditches	S1	G5	E	--
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ambystoma barbouri	Streamside Salamander Seasonally ephemeral karst streams; middle Tennessee.	S2	G4	D	--
Chondestes grammacus	Lark Sparrow Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.	S1B	G5	T	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma microlepidum	Smallscale Darter Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.	S2	G2G3	D	--
Etheostoma striatulum	Striated Darter Bedrock pools of headwaters and creeks with large slabrock cover; upper Duck River watershed.	S1	G1	T	--
Etheostoma tippecanoe	Tippecanoe Darter Medium to large rivers in shallow riffle areas containing fine cherty gravel; Cumberland River watershed.	S1S2	G3G4	D	--
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Moxostoma lacerum	Harelip Sucker Medium to large, warm, sluggish streams with relatively low turbidity and silt levels; presumed extinct.	SX	GX	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE

Rutherford County . . . Continued — Known Species: 78

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Notropis rupestris	Bedrock Shiner	S2	G2	D	--
	Bedrock pools of some low-gradient streams of the Nashville Basin.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Rutherford --

Scott County — Known Species: 65

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heuchera parviflora var. parviflora - Trichomanes boschianum - Thalictrum mirabile - (Ageratina luciae-brauniae, Solidago albopilosa) Herbaceous Vegetation	Cumberland Plateau Sandstone Rockhouse	SNR	G2	--	--

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Alasmidonta atropurpurea	Cumberland Elktoe	S1S2	G1G2	E	LE
	Small creeks to medium-sized rivers with slow current, sand substrates, and large cobble; upper Cumberland River watershed.				
Cambarus bouchardi	Big South Fork Crayfish	S1	G2G3	E	--
	Small to medium sized streams under rock cover; Roaring Paunch Creek & tributaries (Big South Fork watershed); tertiary burrower.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Pegias fabula	Littlewing Pearlymussel	S1	G1	E	LE
	Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.				
Villosa trabalis	Cumberland Bean	S1	G1	E	LE
	Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.				

Nonvascular Plants: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Bryoxiphium norvegicum	Sword Moss	S1	G5?	T	--
	Sandstone Rockhouses And Shaded Outcroppings				
Lejeunea blomquistii	Blomquist Leafy Liverwort	S1S2	G1G2	S	--
	Mid Elev. Gorges On Rock Or Bark				
Microlejeunea globosa	Cardot's Lejeunea	S1	G3?	S	--
	Creekside Edge Of Rockhouse				
Pellia appalachiana		S2	G4	S	--
	Wet Soil, Barrens				

Vascular Plants: 37		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ageratina luciae-brauniae	Lucy Braun's White Snakeroot	S3	G3	T	--
	Rockhouses				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Botrychium jenmanii	Alabama Grapefern	S1	G3G4	T	--
	Pine Woods				

Scott County . . . Continued **Known Species: 65**

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Buckleya distichophylla	Piratebush Rocky Mountain Woods W/ Hemlock	S2	G2	T	--
Calamovilfa arcuata	Cumberland Sandgrass Rocky And Sandy River Bars	S2	G2	E	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex echinata ssp. echinata	Little Prickly Sedge Swamps And Bogs	S1?	G5T5	S	--
Chrysogonum virginianum	Green-and-gold Dry Woods And Openings	S2	G5	T	--
Comptonia peregrina	Sweet-fern Rocky, Sandy Stream-Sides	S1	G5	E	--
Conradina verticillata	Cumberland Rosemary Sandy, Rocky River Banks And Bars	S3	G3	T	LT
Corallorhiza maculata	Spotted Coralroot Shady, Moist Woods	S1	G5	T	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Cypripedium kentuckiense	Southern Lady's-slipper Riparian Forests	S2	G3	E	--
Dichanthelium ensifolium ssp. ensifolium	Small-leaved Panicgrass Moist Pine Barrens	S2	GNR	S	--
Eriophorum virginicum	Tawny Cotton-grass Bogs	S1S2	G5	E	--
Eurybia saxicastellii	Rockcastle Aster Rocky River Bars	S1S2	G1G2	E	--
Fothergilla major	Mountain Witch-alder Rocky Slopes And River Banks	S2	G3	T	--
Helenium brevifolium	Shortleaf Sneezeweed Rocky, Sandy Streamsides	S1	G4	E	--
Hexastylis virginica	Virginia Heartleaf Sandy Or Rocky Woods	S2	G4	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrocotyle americana	American Water-pennywort Wet Soils And Pools	S1	G5	E	--
Hymenophyllum tayloriae	Taylor's Filmy Fern Moist Rockhouses	S2	G2	S	--

Scott County . . . Continued — Known Species: 65

Vascular Plants: 37 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Marshallia grandiflora	Large-fl. Barbara's-buttons Rocky River Bars	S2	G2	E	--
Minuartia cumberlandensis	Cumberland Sandwort Rockhouses	S2	G2G3	E	LE
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Potamogeton tennesseensis	Tennessee Pondweed Slow Acidic Streams	S2	G2	T	--
Solidago arenicola	Southern racemose goldenrod Rocky River Bars	S1S2	GNR	T	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Talinum teretifolium	Roundleaf Fameflower Dry Sandy Rock Outcrops	S2	G4	T	--
Taxus canadensis	American Yew Sandstone Outcrops	S1	G5	E	--
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trichomanes boschianum	Bristle-fern Rocky Seeps	S1S2	G4	T	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Desmognathus welteri	Black Mountain Salamander Spring runs and permanent streams in wooded mountainous terrain; northern Cumberlands.	S3	G4	D	--
Etheostoma baileyi	Emerald Darter Creeks and small rivers with riffles containing gravel or rubble; upper Cumberland drainage.	S2	G4G5	D	--
Etheostoma cinereum	Ashy Darter Small to medium upland rivers with bedrock or gravel substrate and boulders.	S2S3	G2G3	T	--

Scott County . . . Continued — Known Species: 65

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma percnurum	Duskytail Darter	S1	G2	E	LE,XN
	Gently flowing pools near riffles; larger creeks and medium size rivers; Tennessee & Cumberland river drainages.				
Etheostoma sagitta	Arrow Darter	S2	G3G4	D	--
	Smaller streams of northern Cumberland Plateau & Cumberland Mountains; Cumberland River watershed.				
Etheostoma susanae	Cumberland Darter	S1	G1G2	E	C
	Creeks in the upper Cumberland River watershed of the Cumberland Mountains; extremely rare.				
Etheostoma tippecanoe	Tippecanoe Darter	S1S2	G3G4	D	--
	Medium to large rivers in shallow riffle areas containing fine cherty gravel; Cumberland River watershed.				
Hemidactylium scutatum	Four-toed Salamander	S3	G5	D	--
	Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Notropis rubellus	Rosyface Shiner	S2	G5	D	--
	Clear, swift, large creeks with bottoms of clean gravel or rubble; tribs to Cumberland River upst Cumberland Falls.				
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	S3	G5T5	D	--
	Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.				
Phoxinus cumberlandensis	Blackside Dace	S2	G2	T	LT
	Small upland tributaries with sand, sandstone, and shale substrates in unsilted conditions; upper Cumberland R. watershed.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Vermivora chrysoptera	Golden-winged Warbler	S3B	G4	D	--
	Early successional habitats in foothill regions of Appalachians.				

-- End of Scott --

Sequatchie County — Known Species: 25

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cambarus hamulatus	Prickly Cave Crayfish Aquatic cave obligate; Sequatchie Valley & southern Cumberlands.	S3	G3G4	--	--
Cambarus pristinus	Pristine Crayfish Under cover in small-large size streams; headwaters of Caney Fork River & abutting Sequatchie River tributaries; Cumberland Plateau.	S2	G2	E	--
Litocampa sp. 5	A Cave Dipluran From TN Terrestrial cave obligate, Cumberland Plateau escarpment.	S1	G2	--	--
Pseudosinella christianseni	A Cave Obligate Springtail Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.	S2	G5	--	--

Vascular Plants: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cyperus plukenetii	Plukenet's Galingale Sandy Barrens	SH	G5	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Diamorpha smallii	Small's Stonecrop Sandstone Outcrops	S1S2	G4	E	--
Dichanthelium ensifolium ssp. curtifolium	Short-leaved Panic Grass Boggy Areas	S1	G3?	E	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Sabatia capitata	Cumberland Rose Gentian Dry Open Woods, Powerlines	S2	G2	E	--
Scutellaria montana	Large-flowered Skullcap Escarpments, Dry Woods	S2	G3	T	LT
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT

Sequatchie County . . . Continued — Known Species: 25

Vascular Plants: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Phoxinus tennesseensis	Tennessee Dace First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.	S3	G3	D	--

-- End of Sequatchie --

Sevier County — Known Species: 125

Ecological Systems: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central and Southern Appalachian Spruce-Fir Forest	Red Spruce - Fraser Fir Forest	SNR	GNR	--	--
Southern Appalachian Grass and Shrub Bald	Southern Appalachian Grass and Shrub Bald	SNR	GNR	--	--
Southern Appalachian Spray Cliff	Southern Appalachian Spray Cliff	SNR	GNR	--	--

Invertebrate Animals: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allocapnia brooksi	Sevier Snowfly	S2	G2	--	--
	Small-medium size creeks; northern Ridge & Valley and adj. Blue Ridge; upper Tennessee River watershed.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Microhexura montivaga	Spruce-fir Moss Spider	S1	G1	--	LE
	Moss mats in high-elevation spruce-fir forests; Southern Appalachians.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Paravitrea clappi	Mirey Ridge Supercoil	S2S3	G2G3	--	--
	In moist leaf litter generally above 5,000 ft; Blue Ridge; Blount & Sevier counties; Great Smoky Mountains NP.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Plethobasus cyphyus	Sheepnose	S2S3	G3	--	C
	Large to medium-sized rivers, in riffles and coarse sand/gravel subst; TN & Cumb river systems incl KY Reservoir; W Uplands & Rim.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Quadrula cylindrica cylindrica	Rabbitsfoot	S3	G3G4T3	--	--
	Large rivers in sand and gravel; Tennessee & Cumberland systems; big river form of Q. cylindrica.				

Nonvascular Plants: 24		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acrobolbus ciliatus	A Liverwort	S1	G3?	S	--
	Spruce-Fir Forests And Moist Ravines On Rock				

Sevier County . . . Continued **Known Species: 125**

Nonvascular Plants: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Anastrophyllum saxicola	A Liverwort High Elev. Rocky Peat; Heath & Wet Rocks	S1	G3G4	S	--
Bazzania nudicaulis	A Liverwort Bark Of Mature Fraser Fir	S2	G2G3	T	--
Brachydontium trichodes	Peak Moss High Elev. Seeps And Rocky Areas	S1	G2G4	E	--
Cephaloziella massalongi	A Liverwort Montaine Rock Crevices High In Copper Or Sulphur	S1	G3G5	E	--
Cephaloziella spinicaulis	Crevices Of Rock Outcrops	S1	G3G4	S	--
Entodon concinnus	Lime Entodon Moist Calcareous Rocks	S1	G4G5	S	--
Grimmia olneyi	Grimmia Moss High Elev. Dry Rocks And Cliffs	SH	G3G5	S	--
Gymnomitrion laceratum	A Liverwort Peaty Soil Of Spruce-Fir Forests	S1	G3G5	T	--
Lejeunea blomquistii	Blomquist Leafy Liverwort Mid Elev. Gorges On Rock Or Bark	S1S2	G1G2	S	--
Leptodontium viticulosoides var. sulphureum	Grandfather Mountain Leptodontium Bark Of Old Growth Fraser Fir	S1S2	G2	E	--
Leptohymenium sharpii	Mount Leconte Moss Old Growth Fraser Fir Forests, On Rocks	S1	G1	E	--
Leptoscyphus cuneifolius	A Liverwort Bark Of Mature Fraser Fir	S1	G4G5	E	--
Marsupella funckii	A Liverwort Thin Soil, Edge Of High Elev. Outcrops	S1	G4G5	E	--
Megaceros aenigmaticus	Megaceros Mid-Elev. Streams On Wet Shaded Rocks	S2S3	G2G3	S	--
Mielichhoferia elongata	A Moss Woods Above 5000'	S1	G4?	S	--
Orthodontium pellucens	Translucent Orthodontium Soil Peat Or Rock Of Heath Balds	SH	G5	S	--
Plagiochila exigua	A Liverwort Bark Of Mature Fraser Fir And Mountain Ash	S1S2	G4?	S	--
Plagiochila retrorsa	a liverwort Shaded Moist Ledges And Bluffs	S1	GNR	S	--
Porella wataugensis	Watauga Porella Moist Boulders & Cliffs, Phyllite	S1S2	G1G2Q	T	--
Radula voluta	A Liverwort Shady Moist Boulders By Waterfalls Or Sreams	S2	G3	S	--

Sevier County . . . Continued — Known Species: 125

Nonvascular Plants: 24 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sphenolobopsis pearsoni	Sphenolobopsis Mainly Bark Of Mature Fraser Fir	S1	G2?	E	--
Tetrodontium brownianum	Little Georgia Montaine Rocky Seeps And Falls	S1	G3G4	S	--
Tortula ammonsiana	Ammons's Tortula Se To West Facing Seepy, Siliceous Rock	S1	G1	E	--

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 52		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Abies fraseri	Fraser Fir Forests Above 5500 Ft	S1S2	G2	T	--
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Agrostis mertensii	Arctic Bentgrass Mountain Balds And Moist Ravines	SH	G5	S	--
Amelanchier sanguinea	Roundleaf Shadbush Rocky Slopes And River Banks	S2	G5	T	--
Betula papyrifera var. cordifolia	Heart-leaved Paper Birch Mountain Burns	S1	G5T5	E	--
Botrychium matricariifolium	Chamomile Grapefern Mountain Woods And Thickets	S1	G5	S	--
Calamagrostis cainii	Cain's Reedgrass High Elevation Rock Outcrops And Slide Areas	S1	G1	E	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Cardamine flagellifera	Running Bittercress Mountain Stream Banks	S2	G3	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex misera	Wretched Sedge Mountain Ledges And Balds	S2	G3	T	--
Carex ruthii	Ruth's Sedge Mountain Forests And Wet Areas	S2	G3	T	--

Sevier County . . . Continued

Known Species: 125

Vascular Plants: 52 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Drosera rotundifolia	Roundleaf Sundew Bogs & Seeps	S1	G5	T	--
Fothergilla major	Mountain Witch-alder Rocky Slopes And River Banks	S2	G3	T	--
Gentiana linearis	Narrow-leaved Gentian High Elevation Wet Areas	S1	G4G5	T	--
Geum radiatum	Spreading Avens High Elevation Outcrops And Balds	S1	G2	E	LE
Glyceria nubigena	Smoky Mountains Mannagrass Mountain Balds And Open Seeps	S1S2	G2	T	--
Huperzia appalachiana	Appalachian Fir Clubmoss Spruce-Fir Forest	S1	G4G5	T	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hymenophyllum tayloriae	Taylor's Filmy Fern Moist Rockhouses	S2	G2	S	--
Hypericum graveolens	Mountain St. John's-wort Boggy Woods And River Banks	S3	G3	E	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Juncus trifidus	Highland Rush Dry Cliff Ledges	SH	G5	E-P	--
Krigia montana	False Dandelion Dry Rocky Openings	S1	G3	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lonicera canadensis	American Fly-honeysuckle Mountain Woods And Streams	S1	G5	T	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Menziesia pilosa	Minniebush Heath Balds And Cliffs	S2	G4G5	S	--
Milium effusum	Tall Millet-grass Rich Woods	S1	G5	S	--
Monotropsis odorata	Sweet Pinesap Piney Woods	S2	G3	T	--

Sevier County . . . Continued **Known Species: 125**

Vascular Plants: 52 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Phegopteris connectilis	Northern Beechfern Mountain Bogs And Rocky Seeps	S1	G5	S	--
Pieris floribunda	Mountain Fetter-bush Heath Thickets	S2	G4	T	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--
Prunus virginiana	Choke Cherry Moist Coves And Slopes	S1	G5	S	--
Rugelia nudicaulis	Rugel's Ragwort High Elevation Open Woods	S2	G3	E	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Spiranthes ochroleuca	Yellow Nodding Ladies'-tresses Moist Mountain Woods	SH	G4	E-P	--
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Streptopus amplexifolius	White Mandarin Wet Cliffs And Mountain Woods	S1	G5	T	--
Streptopus roseus	Rosy Twisted-stalk Rich, Moist Mountain Woods	S2	G5	S	--
Thalictrum coriaceum	Leatherleaf Meadowrue Alluvial Woods And Moist Bluffs	S1	G4	T	--
Thelypteris simulata	Bog Fern Acidic Marshes And Bogs	SH	G4G5	E-P	--
Trichomanes petersii	Dwarf Filmy-fern Rocky Seeps	S2	G4G5	T	--
Trichophorum cespitosum	Tufted Club-rush Mountain Bogs	S1	G5	E	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Xerophyllum asphodeloides	Eastern Turkeybeard Dry Oak Or Piney Woods	S3	G4	T	--
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 34		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Sevier County . . . Continued — Known Species: 125

Vertebrate Animals: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk	S3B,S4N	G5	D	No Status
	Forests and open woodlands.				
Acipenser fulvescens	Lake Sturgeon	S1	G3G4	E	--
	Bottoms of large, clean rivers and lakes.				
Carpiodes velifer	Highfin Carpsucker	S2S3	G4G5	D	--
	Large rivers, mostly in Tennessee River drainage.				
Condylura cristata	Star-nosed Mole	S2	G5	D	--
	Hydric soils in beech-maple-birch forests at higher elevations in the Appalachians.				
Contopus cooperi	Olive-sided Flycatcher	S1	G4	D	--
	Forest, woodland, and open habitats with scattered trees, esp. with tall dead snags.				
Corvus corax	Common Raven	S2	G5	T	--
	Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.				
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Desmognathus wrighti	Pygmy Salamander	S2S3	G3G4	D	--
	Mature hardwoods & spruce-fir forests under moss, leaf litter, logs, bark, and rocks; high elevations; Blue Ridge.				
Eurycea junaluska	Junaluska Salamander	S2	G3	D	--
	Beneath rocks along medium to large streams; S Blue Ridge; Monroe, Blount, & Sevier counties.				
Falco peregrinus	Peregrine Falcon	S1B	G4	E	No Status
	Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.				
Glaucomys sabrinus coloratus	Carolina Northern Flying Squirrel	S1S2	G5T1	E	LE
	Spruce-fir or mature hardwood forest with snags; in tree cavities or leaf nests; higher elevations of the Appalachians.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Microtus chrotorrhinus carolinensis	Southern Rock Vole	S2	G4T3	D	--
	Mossy rocks and logs, and cool, moist talus slopes at higher elevations of the Appalachians.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				

Sevier County . . . Continued — Known Species: 125

Vertebrate Animals: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma floridana haematoreia	Southern Appalachian Woodrat	S2	G5T4Q	D	--
	Forests & talus slopes in southern Appalachians of southeastern Tennessee.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Percina tanasi	Snail Darter	S2S3	G2G3	T	LT
	Sand and gravel shoals of moderately flowing, vegetated, large creeks; upper Tennessee River watershed.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Sorex palustris	American Water Shrew	S2	G5	D	--
	Most abundant along small cold streams with thick overhanging riparian growth; Appalachian Mountains.				
Sphyrapicus varius	Yellow-bellied Sapsucker	S1B,S4N	G5	D	--
	Deciduous or mixed deciduous-coniferous forest; winters statewide and breeds in Appalachian Mountains.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Sevier --

Shelby County — Known Species: 33

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lampsilis siliquoidea	Fatmucket	S2	G5	--	--
	Slackwater with mud subst; Wolf R (Miss R trib); west TN; may occur at Reelfoot Lk; also rept Drakes Ck (Cumb R), Sumner Co.				
Obovaria jacksoniana	Southern Hickorynut	S1	G2	--	--
	Rivers with medium-sized gravel substrates and low-mod current; Wolf & Hatchie rivers; Mississippi River watershed; west Tennessee.				
Webbhelix multilineata	Striped Whitelip	S2	G5	--	--
	Low wet habitats, marshes, floodplains, meadows; lake margins; under leaf litter or drift; Mississippi River floodplain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Heteranthera multiflora	Multiflowered Mud-plantain	SH	G4	S	--
	Shallow Water, Mud Flats				
Hottonia inflata	Featherfoil	S2	G4	S	--
	Wet Sloughs And Ditches				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Iris fulva	Copper Iris	S2	G5	T	--
	Bottomlands				
Ophioglossum crotalophoroides	Bulbous Adder's-tongue	SH	G5	S	--
	Meadows And Grassy Slopes				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Phacelia ranunculacea	Blue Scorpion-weed	S2S3	G4	S	--
	Alluvial Woods				
Prenanthes crepidinea	Nodding Rattlesnake-root	S2	G4	E	--
	Rich Bottomlands				
Schisandra glabra	Red Starvine	S2	G3	T	--
	Rich Mesic Woods, Bluffs				
Silene ovata	Ovate Catchfly	S2	G3	E	--
	Open Oak Woods				
Symphyotrichum praealtum	Willow Aster	S1	G5	E	--
	Moist Prairies And Marshes				
Ulmus crassifolia	Cedar Elm	S2	G5	S	--
	Swamps				

Shelby County . . . Continued — Known Species: 33

Vertebrate Animals: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammocrypta beani	Naked Sand Darter	S2	G5	D	--
	Shifting sand bottoms & sandy runs; Hatchie River & larger tribs.				
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Dendroica cerulea	Cerulean Warbler	S3B	G4	D	--
	Mature deciduous forest, particularly in floodplains or mesic conditions.				
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Hyla gratiosa	Barking Treefrog	S3	G5	D	--
	Low wet woods and swamps esp. with ephemeral ponds.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Neotoma floridana illinoensis	Eastern Woodrat	S3	G5T5	D	--
	Forested areas, caves & outcrops; west Tennessee generally.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Sterna antillarum athalassos	Interior Least Tern	S2S3B	G4T2Q	E	LE
	Mississippi River sand bars & islands, dikes. 				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Vireo bellii	Bell's Vireo	S1B	G5	--	No Status
	Thickets adjacent to water, bottomlands; west Tennessee and one confirmed location in Western Highland Rim.				

-- End of Shelby --

Smith County — Known Species: 33

Invertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cumberlandia monodonta	Spectaclecase	S2S3	G3	--	C
	Medium to large rivers; in substrates from mud and sand to gravel, cobble, and boulders; Cumberland and Tennessee river systems.				
Cyprogenia stegaria	Fanshell	S1	G1Q	E	LE
	Medium to large streams and rivers with coarse sand and gravel substrates; Cumberland and Tennessee river systems.				
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma capsaeformis	Oyster Mussel	S1	G1	E	LE
	Shallow riffles in mod-swift current of small-medium rivers with coarse sand and gravel; Tennessee & Cumberland river systems.				
Epioblasma obliquata obliquata	Catspaw	S1	G1T1	E	LE
	Medium-large rivers, in sand and gravel substrates in runs and riffles; Tennessee & Cumberland river systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Obovaria retusa	Ring Pink	S1	G1	E	LE
	Large rivers in gravel and sand bars; Tennessee & Cumberland river watersheds; many historic locations currently inundated.				
Orconectes incomptus	Tennessee Cave Crayfish	S1	G1	E	--
	Aquatic cave obligate; subterranean streams & shallow pools; lower-elevation caves of Highland Rim escarp; Cumb River watershed.				
Plethobasus cicatricosus	White Wartyback	S1	G1	E	LE
	Presumed to inhabit shoals and riffles in large rivers; Tennessee & Cumberland river systems. Very rare & poss extirpated in TN.				
Plethobasus cooperianus	Orangefoot Pimpleback	S1	G1	E	LE
	Large rivers in sand-gravel-cobble substrates in riffles and shoals in deep flowing water; Cumberland & Tennessee river systems.				
Pleurobema clava	Clubshell	SH	G2	E	LE
	Small/med-sized rivers and streams; deeply buried in sand/fine gravel or in clean, coarse sand/gravel runs; lower Cumb. & Tenn. rivers.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Villosa trabalis	Cumberland Bean	S1	G1	E	LE
	Riffle areas of small rivers & streams in sand, gravel, & cobble substrates with swift current; upper Cumb. & upper Tenn. river systems.				

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Tortula fragilis	Fragile Tortula	S1	G5	E	--
	Steep Calcareous Bluffs				

Smith County . . . Continued — Known Species: 33

Vascular Plants: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star Glades, Barrens, And Rocky River Bars	S3	G5T3Q	S	--
Castanea dentata	American Chestnut Mesic To Dry Forests	S2S3	G4	S	--
Cerastium velutinum var. velutinum	Velvety Cerastium Bluffs	S1	G5T4?	E	--
Elymus svensonii	Svenson's Wild-rye Rocky Bluffs	S2	G3	E	--
Eriogonum longifolium var. harperi	Harper's Umbrella-plant Rocky Bluffs	S1	G4T2	E	--
Erysimum capitatum	Western Wallflower Rocky Bluffs	S1S2	G5	E	--
Geranium robertianum	Herb-robert Limestone Ledges And Bluffs	S1	G5	S	--
Lesquerella globosa	Short's Bladderpod Limestone Talus Slopes And Cliffs	S2	G2	E	C
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Etheostoma olivaceum	Sooty Darter Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.	S3	G3	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Notropis rupestris	Bedrock Shiner Bedrock pools of some low-gradient streams of the Nashville Basin.	S2	G2	D	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--
Thryomanes bewickii	Bewick's Wren Brushy areas, thickets and scrub in open country, open and riparian woodland.	S1	G5	E	--
Typhlichthys subterraneus	Southern Cavefish Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.	S3	G3G4	D	--

-- End of Smith --

Stewart County — Known Species: 48

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Central Interior Highlands and Appalachian Sinkhole and Depression Pond	Highland Rim Sinkhole and Depression Pond	S2S3	GNR	--	--

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Lampsilis abrupta	Pink Mucket Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.	S2	G2	E	LE

Vascular Plants: 27		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Asclepias purpurascens	Purple Milkweed Barrens	S1	G5?	S	--
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Baptisia bracteata var. leucophaea	Cream Wild-indigo Dry Oak Woods And Barrens	S1S2	G4G5T4T5	S	--
Carex comosa	Bristly Sedge Swamps	S2	G5	T	--
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Eleocharis intermedia	Matted Spike-rush Wet Areas	S1	G5	E	--
Eleocharis lanceolata	Lance-like Spike-rush Wet Areas	S1	G4G5	S	--
Hasteola suaveolens	Sweet-scented Indian-plantain Alluvial Woods, Moist Slopes	S2	G4	T	--
Heteranthera limosa	Blue Mud-plantain Mud Flats	S1S2	G5	T	--
Hieracium longipilum	Hairy Hawkweed Dry Fields And Sandy Road Banks	S1	G4G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Iris brevicaulis	Lamance Iris Bottomlands	S1	G4	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--

Stewart County . . . Continued — Known Species: 48

Vascular Plants: 27 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lysimachia fraseri	Fraser's Loosestrife Dry Open Woods	S2	G3	E	--
Neobeckia aquatica	Lake Cress Gum Or Cypress Swamps	S2	G4?	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Phacelia ranunculacea	Blue Scorpion-weed Alluvial Woods	S2S3	G4	S	--
Phlox pilosa ssp. ozarkana	Ozark Downy Phlox Rocky, Dry Open Woods	S1S2	G5T4?	S	--
Prenanthes barbata	Bearded Rattlesnake-root Barrens And Dry Woodlands	S2	G3	S	--
Prenanthes crepidinea	Nodding Rattlesnake-root Rich Bottomlands	S2	G4	E	--
Rudbeckia subtomentosa	Sweet Coneflower Barrens	S2	G5	T	--
Sagittaria brevirostra	Short-beaked Arrowhead Swamps And Floodplains	S1	G5	T	--
Salvia azurea var. grandiflora	Blue Sage Barrens	S3	G4G5T4?	S	--

Vertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acipenser fulvescens	Lake Sturgeon Bottoms of large, clean rivers and lakes.	S1	G3G4	E	--
Ammodramus henslowii	Henslow's Sparrow Damp open fields and meadows with grass interspersed with weeds or shrubs.	S1B	G4	D	--
Aquila chrysaetos	Golden Eagle Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.	S1	G5	T	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Cycleptus elongatus	Blue Sucker Swift waters over firm substrates in big rivers.	S2	G3G4	T	--
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--

Stewart County . . . Continued — Known Species: 48

Vertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Haliaeetus leucocephalus	Bald Eagle	S3	G5	D	--
	Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Nerodia erythrogaster neglecta	Copperbelly Watersnake	S2S3	G5T3	--	No Status
	Warm, quiet waters; wooded lakes, streams, sloughs; northern middle Tennessee; lower Cumberland & Tennessee river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Pooecetes gramineus	Vesper Sparrow	S1B,S4N	G5	D	--
	Balds, old pastures; ground nester.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Stewart --

Sullivan County — Known Species: 65

Invertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allocapnia brooksi	Sevier Snowfly	S2	G2	--	--
	Small-medium size creeks; northern Ridge & Valley and adj. Blue Ridge; upper Tennessee River watershed.				
Epioblasma florentina walkeri	Tan Riffleshell	S1	G1T1	E	LE
	Found in river headwaters, in riffles and shoals in sand and gravel substrates; Tennessee & Cumberland river systems.				
Fusconaia cor	Shiny Pigtoe	S1	G1	E	LE
	Shoals and riffles of small-medium sized rivers with mod-fast current over sand-cobble substrates; upper Tennessee River watershed.				
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Gomphus consanguis	Cherokee Clubtail	S1	G2G3	--	--
	Small, spring-fed streams w/sand, gravel & fine detritus substrate in partly shaded to open areas; Ridge & Valley.				
Helicodiscus notius specus	A Terrestrial Snail	S1?	G5T2	--	--
	Cave obligate; feeds on cricket guano; Ridge & Valley and Eastern Highland Rim (tentatively).				
Io fluvialis	Spiny Riversnail	S2	G2	--	--
	Shallow waters of shoals that are rapid to moderate and well-oxygenated; Tennessee River & main tributaries; E Tennessee.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Pegias fabula	Littlewing Pearlymussel	S1	G1	E	LE
	Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.				
Quadrula intermedia	Cumberland Monkeyface	S1	G1	E	LE
	Shallow riffle and shoal areas of headwater streams and bigger rivers, in coarse sand/gravel substrates; Tennessee River system.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Villosa perpurpurea	Purple Bean	S1	G1	E	LE
	Creeks to medium-sized rivers, headwaters, in riffles with coarse sand & gravel & some silt; upper Tennessee River watershed.				

Vascular Plants: 34		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium burdickii	Narrow-leaf Ramps	S1S2	G4G5	T-CE	--
	Rich Woods				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Botrychium matricariifolium	Chamomile Grapefern	S1	G5	S	--
	Mountain Woods And Thickets				
Buckleya distichophylla	Piratebush	S2	G2	T	--
	Rocky Mountain Woods W/ Hemlock				

Sullivan County . . . Continued **Known Species: 65**

Vascular Plants: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cimicifuga rubifolia	Appalachian Bugbane Rich Woods	S3	G3	T	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Draba ramosissima	Branching Whitlow-grass Calcareous Bluffs	S2	G4	S	--
Dryopteris cristata	Crested Shield-fern Bogs	S2	G5	T	--
Gentiana austromontana	Appalachian Gentian High Elevation Open Woods	S3	G3	S	--
Goodyera repens	Dwarf Rattlesnake-plantain Moist Conifer/Rhododendron Woods	S1	G5	S	--
Hexastylis virginica	Virginia Heartleaf Sandy Or Rocky Woods	S2	G4	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Magnolia virginiana	Sweetbay Magnolia Forested Acidic Wetlands	S2	G5	T	--
Maianthemum stellatum	Starflower False Solomon's-seal Floodplains And Sandy Woods	S1	G5	E	--
Meehania cordata	Heartleaf Meehania Wooded Mountain Slopes	S2	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Platanthera grandiflora	Large Purple Fringed Orchid Wet Meadows And Open Woods	S2	G5	E	--
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Potamogeton epihydrus	Nuttall's Pondweed Lakes And Streams	S1S2	G5	S	--
Pyrola americana	American Wintergreen Moist Woods And Bogs	S2	G5	E	--

Sullivan County . . . Continued — Known Species: 65

Vascular Plants: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Silene caroliniana ssp. pensylvanica	Carolina Pink Rocky Bluffs	S1S2	G5T4T5	T	--
Spiraea alba	Narrow-leaved Meadow-sweet Bogs	S1	G5	E	--
Streptopus amplexifolius	White Mandarin Wet Cliffs And Mountain Woods	S1	G5	T	--
Symplocarpus foetidus	Skunk-cabbage Swamps And Bogs	S1	G5	E	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trientalis borealis	Northern Starflower Mountain Hardwood Forests	S1	G5	T	--
Tsuga caroliniana	Carolina Hemlock Dry Ridges	S3	G3	T	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--
Woodsia scopulina ssp. appalachiana	Alleghany Cliff-fern Mountain Cliffs	S1S2	G4T4	S	--

Vertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Erimonax monachus	Spotfin Chub Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.	S2	G2	T	LT,XN, PXN
Etheostoma acuticeps	Sharphead Darter Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.	S2S3	G3	--	--
Etheostoma percnurum	Duskytail Darter Gently flowing pools near riffles; larger creeks and medium size rivers; Tennessee & Cumberland river drainages.	S1	G2	E	LE,XN
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Mustela nivalis	Least Weasel Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.	S2	G5	--	--

Sullivan County . . . Continued — Known Species: 65

Vertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Parascalops breweri	Hairy-tailed Mole	S3	G5	D	--
	Moist soils in deciduous forests with thick humus; east Tennessee.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Percina macrocephala	Longhead Darter	S2	G3	T	--
	Clear, larger upland creeks and small-med rivers, usually in rocky flowing pools upst/dnst rubble riffles; Tenn & Cumb river watersheds.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Sullivan --

Sumner County — Known Species: 31

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allocapnia cunninghami	Karst Snowfly	S1	G1G2	--	--
	Small-medium size creeks; northern Highland Rim; Barren River watershed.				
Allocapnia perplexa	Perplexing Snowfly	S1	G1	--	--
	Low-mod gradient streams with limestone bedrock & interspersed rubble; E Fk Bledsoe Creek, Cumberland R watershed; Sumner Co.				
Barbicambarus cornutus	Bottle Brush Crayfish	S2	G4	--	--
	Under slabrock in medium-large tributaries of Barren River watershed; Sumner, Macon, Clay counties.				
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 11		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium tricoccum	Ramps	S1S2	G5	S-CE	--
	Rich Woods				
Carex hitchcockiana	Hitchcock's Sedge	S1	G5	T	--
	Rich Moist Woods				
Caulophyllum giganteum	Giant Blue Cohosh	S1	G4G5Q	T	--
	Rich Woods				
Collinsia verna	Spring Blue-eyed Mary	S1	G5	E	--
	Rich Wet-Mesic Woods				
Dalea foliosa	Leafy Prairie-clover	S2S3	G2G3	E	LE
	Rocky Washes In Glades				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juglans cinerea	Butternut	S3	G4	T	--
	Rich Woods And Hollows				
Lilium michiganense	Michigan Lily	S3	G5	T	--
	Swamps And Open Wet Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Stellaria fontinalis	Water Stitchwort	S3	G3	T	--
	Seeps And Limestone Creek Beds				
Trillium pusillum	Least Trillium	S2	G3	E	--
	Alluvial/Moist Ravines And Dry Ridges				

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Sumner County . . . Continued — Known Species: 31

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ardea alba	Great Egret	S2B,S3N	G5	D	--
	Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Etheostoma barbouri	Teardrop Darter	S2	G4G5	D	--
	Sandy pools in small to medium streams with slabrock cover; Barren River watershed.				
Etheostoma barrenense	Splendid Darter	S3	G4	D	--
	Locally abundant in rocky pools and adjacent riffles of small to moderate streams; Barren River watershed.				
Etheostoma bellum	Orangefin Darter	S3	G4G5	D	--
	Locally abundant in small to medium-sized clear streams over gravel substrate; Barren River watershed.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Moxostoma atripinne	Blackfin Sucker	S1	G2	D	--
	Larger creeks with quiet or gently flowing pools with scattered slabrocks & undercut banks; Barren River watershed.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Percina stictogaster	Frecklebelly Darter	S1	G4G5	D	--
	Small rivers & larger creeks; pool areas with mod-sluggish current & aquatic vegetation; Barren River watershed.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Sumner --

Tipton County — Known Species: 21

Invertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Obovaria jacksoniana	Southern Hickorynut	S1	G2	--	--
	Rivers with medium-sized gravel substrates and low-mod current; Wolf & Hatchie rivers; Mississippi River watershed; west Tennessee.				
Villosa vibex	Southern Rainbow	S2	G5Q	--	--
	Mud or soft sand in small rivers & creeks in areas with moderate current; Conasauga, Hatchie, and Wolf (Miss. R.) river systems.				

Vascular Plants: 10		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acmella oppositifolia	Creeping Spot-flower	S3	G5	S	--
	Swamps And Wetlands				
Agalinis auriculata	Earleaved False-foxglove	S2	G3	E	--
	Barrens				
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge	S1	G5?T3	S	--
	Wooded Bluffs, Floodplains				
Carex reniformis	Reniform Sedge	S1	G4?	S	--
	Rich Bottomland Woods				
Dichanthelium ensifolium ssp. ensifolium	Small-leaved Panicgrass	S2	GNR	S	--
	Moist Pine Barrens				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Phacelia ranunculacea	Blue Scorpion-weed	S2S3	G4	S	--
	Alluvial Woods				
Prenanthes crepidinea	Nodding Rattlesnake-root	S2	G4	E	--
	Rich Bottomlands				
Schisandra glabra	Red Starvine	S2	G3	T	--
	Rich Mesic Woods, Bluffs				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ammocrypta beani	Naked Sand Darter	S2	G5	D	--
	Shifting sand bottoms & sandy runs; Hatchie River & larger tribs.				
Ammocrypta vivax	Scaly Sand Darter	S2	G5	D	--
	Small to medium rivers with sandy substrate; Hatchie & Buffalo rivers.				
Atractosteus spatula	Alligator Gar	S1	G3G4	D	--
	Sluggish pools of large rivers, oxbows, swamps, and backwaters; west Tennessee.				
Cycleptus elongatus	Blue Sucker	S2	G3G4	T	--
	Swift waters over firm substrates in big rivers.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				

Tipton County . . . Continued — Known Species: 21

Vertebrate Animals: 9 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Macrhybopsis gelida	Sturgeon Chub	S1	G3	D	--
	Large turbid rivers & their larger tributaries; Mississippi River proper.				
Notropis dorsalis	Bigmouth Shiner	S1	G5	D	--
	Cool, low-gradient creeks over sand or fine gravel substrates; tributaries near confluence of Mississippi River.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Sterna antillarum athalassos	Interior Least Tern	S2S3B	G4T2Q	E	LE
	Mississippi River sand bars & islands, dikes. 				

-- End of Tipton --

Tennessee Natural Heritage Program
Rare Species Observations For
Tennessee Counties

Trousdale County — Known Species: 13

Invertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Dromus dromas	Dromedary Pearlymussel	S1	G1	E	LE
	Medium-large rivers with riffles and shoals w/ relatively firm rubble, gravel, and stable substrates; Tennessee & Cumberland systems.				
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma obliquata obliquata	Catspaw	S1	G1T1	E	LE
	Medium-large rivers, in sand and gravel substrates in runs and riffles; Tennessee & Cumberland river systems.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Pleurobema plenum	Rough Pigtoe	S1	G1	E	LE
	Medium to large rivers in sand, gravel, and cobble substrates of shoals; Tennessee & Cumberland river systems.				
Quadrula sparsa	Appalachian Monkeyface	S1	G1	E	LE
	Headwater sections of rivers in shallow riffles/runs with sand-gravel substrate & moderate current; upper Tennessee River drainage.				

Vascular Plants: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Elymus svensonii	Svenson's Wild-rye	S2	G3	E	--
	Rocky Bluffs				
Leavenworthia exigua var. exigua	Glade-cress	S3	G4T3	S	--
	Glades				
Lesquerella globosa	Short's Bladderpod	S2	G2	E	C
	Limestone Talus Slopes And Cliffs				
Stellaria fontinalis	Water Stitchwort	S3	G3	T	--
	Seeps And Limestone Creek Beds				
Talinum calcaricum	Limestone Fame-flower	S3	G3	S	--
	Glades				

Vertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Etheostoma olivaceum	Sooty Darter	S3	G3	D	--
	Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				

-- End of Trousdale --

Unicoi County — Known Species: 90

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Southern Appalachian Spray Cliff	Southern Appalachian Spray Cliff	SNR	GNR	--	--

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Tsuga caroliniana - Pinus (rigida, pungens, virginiana) Forest	Carolina Hemlock Foreset (Pine Type)	SNR	G2	--	--

Invertebrate Animals: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Alasmidonta raveneliana	Appalachian Elktoe	S1	G1	E	LE
	Large creeks/small rivers with stable coarse sand and gravel substrates with cobble & boulders; upper Tennessee River watershed.				
Anguispira jessica	Mountain Disc	S3	G3G4	--	--
	Higher elevations in the southern Appalachians, arboreal; also inhabits rotting wood; Roan Mountain & Mt. Le Conte.				
Discus bryanti	Sawtooth Disc	S1S2	G3	--	--
	Leaf litter in rocky upland woods, under rotting logs; northeast Tennessee; Blue Ridge.				
Inflectarius subpalliatus	Velvet Covert	S2	G2	--	--
	Leaf litter, rotting logs, talus in mixed woodland; may be arboreal; mid to upper elevations of Blue Ridge; Carter & Unicoi counties.				
Mesomphix rugeli	Wrinkled Button	S3	G4	--	--
	Under leaf litter on wooded hillsides; far NE Tennessee; S Blue Ridge.				
Paravitrea lamellidens	Lamellate Supercoil	S2	G2	--	--
	Deep, moist leaf litter below boulder slopes, bluffs; boggy seeps; forested hillsides & ravines; central & southern Blue Ridge.				
Paravitrea tridens	White-foot Supercoil	S2	G2	--	--
	Moist leaf litter on wooded hillsides; northeast Tennessee; Ridge & Valley and Blue Ridge.				
Pilsbryna aurea	Ornate Bud	S1	G1	--	--
	Deep, wet leaves of karstic forests & hills, near streams; assoc. with limestone/dolomite outcrops; Unicoi, Washington, & Blount cos.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Stenotrema altispira	Highland Slitmouth	S2?	G3	--	--
	Leaf litter, logs, talus in mixed woodland, spring fed slopes; higher elevations of central & N Blue Ridge; northeast Tennessee.				
Stygobromus barryi	A Cave Obligate Amphipod	S1	G2G3	--	--
	Aquatic cave obligate; northern Blue Ridge mountains; Unicoi County.				
Trechus vandykei	A Carabid Beetle	S3?	GNR	--	--
	Terrestrial; found in leafmold or under moss mats; Camp Creek Bald & Unaka Mountain; Blue Ridge; Greene & Unicoi counties.				
Ventridens decussatus	Crossed Dome	S2?	G3	--	--
	In leaf litter of oak woods, usually above 3,000 ft; Blue Ridge.				

Unicoi County . . . Continued — Known Species: 90

Invertebrate Animals: 14 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Vertigo parvula	Smallmouth Vertigo In leaf litter and on logs in upland forests with limestone outcrops or talus; Blue Ridge; Washington & Unicoi counties.	S2S3	G3	--	--

Vascular Plants: 53		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Abies fraseri	Fraser Fir Forests Above 5500 Ft	S1S2	G2	T	--
Adlumia fungosa	Climbing Fumitory Rich Mesic Woods	S2	G4	T	--
Agastache scrophulariifolia	Purple Giant Hyssop Rich Mountain Woods	S1S2	G4	T	--
Allium tricoccum	Ramps Rich Woods	S1S2	G5	S-CE	--
Buckleya distichophylla	Piratebush Rocky Mountain Woods W/ Hemlock	S2	G2	T	--
Campanula aparinoides	Marsh Bellflower Bogs	S2	G5	S	--
Cardamine clematitis	Mountain Bittercress High Elevation Seeps	S2	G3	T	--
Cardamine rotundifolia	Round-leaf Watercress Mucky Wetlands And Seeps	S2S3	G4	S	--
Carex argyrantha	Hay Sedge Sandy Or Rocky Woods	S1	G5	T	--
Carex misera	Wretched Sedge Mountain Ledges And Balds	S2	G3	T	--
Carex pallescens	Pale Sedge High Elevation Woods And Mountain Balds	S1	G5	S	--
Carex roanensis	Roan Mountain Sedge Mid-Elevation Woodlands	S2	G3	E	--
Caulophyllum giganteum	Giant Blue Cohosh Rich Woods	S1	G4G5Q	T	--
Clintonia borealis	Clinton's Lily High Elevation Mesic Forests	S2S3	G5	S	--
Coeloglossum viride var. virescens	Long-bracted Green Orchis Wet Woods And Seeps	S1	G5T5	E	--
Corallorhiza maculata	Spotted Coralroot Shady, Moist Woods	S1	G5	T	--
Corydalis sempervirens	Pale Corydalis Dry Or Rocky Woods	S1S2	G4G5	E	--
Cymophyllus fraserianus	Fraser's Sedge Mixed Mesophytic Forests	S3	G4	S	--

Unicoi County . . . Continued **Known Species: 90**

Vascular Plants: 53 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle Dry Cliffs And Bluffs	S2	G3	T	--
Dryopteris carthusiana	Spinulose Shield Fern Bogs	S1	G5	T	--
Epilobium angustifolium	Fireweed High Elevation Disturbed Woods	S1	G5	T	--
Gentiana austromontana	Appalachian Gentian High Elevation Open Woods	S3	G3	S	--
Goodyera repens	Dwarf Rattlesnake-plantain Moist Conifer/Rhododendron Woods	S1	G5	S	--
Helianthus glaucophyllus	White-leaved Sunflower Dry Open Woods	S1	G3	T	--
Heracleum maximum	Cow-parsnip Moist Woods And Floodplains	S2	G5	S	--
Hexastylis virginica	Virginia Heartleaf Sandy Or Rocky Woods	S2	G4	S	--
Hydrophyllum virginianum	Appalachian Waterleaf Alluvial Woods	S3	G5	T	--
Hypericum graveolens	Mountain St. John's-wort Boggy Woods And River Banks	S3	G3	E	--
Hypericum mitchellianum	Blue Ridge St. John's-wort High Elevation, Moist Woods	S2	G3	T	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lycopodium dendroideum	Treelike Clubmoss High Elev. Balds & Woods	S1	G5	S	--
Lysimachia terrestris	Swamp Loosestrife Wet Prairies And Swamps	S1	G5	E	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Oenothera parviflora	Northern Evening-primrose Disturbed Open Areas	S1	G4?	S	--
Packera schweinitziana	Schweinitz's ragwort High Elevation Balds	S1	G5?	T	--

Unicoi County . . . Continued — Known Species: 90

Vascular Plants: 53 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Paronychia argyrocoma	Silverling Dry Sandstone, Granite Outcrops	S1S2	G4	T	--
Platanthera orbiculata	Large Round-leaved Orchid Mid-Elevation Mesic Forests	S3	G5	T	--
Platanthera psycodes	Small Purple Fringed Orchid Wet Woods And Bog Margins	S2	G5	S	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Potentilla tridentata	Three-toothed Cinquefoil High Elevation Openings	S1S2	G5	S	--
Scutellaria saxatilis	Rock Skullcap Rocky Woods And Moist Cliffs	S3	G3	T	--
Silene ovata	Ovate Catchfly Open Oak Woods	S2	G3	E	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Stachys clingmanii	Clingman's Hedge-nettle Mountain Clearings And Meadows	S1S2	G2Q	T	--
Streptopus roseus	Rosy Twisted-stalk Rich, Moist Mountain Woods	S2	G5	S	--
Symphyotrichum ericoides var. ericoides	White Heath Aster Barrens	SH	G5T5	T	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Tsuga caroliniana	Carolina Hemlock Dry Ridges	S3	G3	T	--
Woodsia scopulina ssp. appalachiana	Alleghany Cliff-fern Mountain Cliffs	S1S2	G4T4	S	--

Vertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aegolius acadicus	Northern Saw-whet Owl High-elevation spruce-fir forests; Blue Ridge Mountains.	S1	G5	T	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Condylura cristata	Star-nosed Mole Hydric soils in beech-maple-birch forests at higher elevations in the Appalachians.	S2	G5	D	--

Unicoi County . . . Continued — Known Species: 90

Vertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corvus corax	Common Raven	S2	G5	T	--
	Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Desmognathus wrighti	Pygmy Salamander	S2S3	G3G4	D	--
	Mature hardwoods & spruce-fir forests under moss, leaf litter, logs, bark, and rocks; high elevations; Blue Ridge.				
Etheostoma acuticeps	Sharphead Darter	S2S3	G3	--	--
	Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.				
Falco peregrinus	Peregrine Falcon	S1B	G4	E	No Status
	Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Plethodon welleri	Weller's Salamander	S2	G3	D	--
	Rich woods under downed logs, rocks, leaf litter; spruce-fir, birch-hemlock, and primarily deciduous forests of NE Blue Ridge.				
Sorex cinereus	Cinereus Shrew	S4	G5	D	--
	Rich woodlands of many types; open fields; middle and east Tennessee.				
Sorex dispar	Long-tailed Shrew	S2	G4	D	--
	Mountainous, forested areas with loose talus; east Tennessee.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Spilogale putorius	Eastern Spotted Skunk	S3	G5	--	--
	Rocky outcrops, open prairies, brushy areas, cultivated fields, and barnyards; more common in east Tennessee; reclusive.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Unicoi --

Union County — Known Species: 19

Invertebrate Animals: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fusconaia cuneolus	Finerayed Pigtoe	S1	G1	E	LE
	Riffles of fords and shoals of mod gradient streams in firm cobble and gravel substrates; middle & upper Tennessee River watershed.				
Nesticus paynei	A Cave Spider	S3	G3G4	--	--
	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.				
Pseudanophthalmus unionis	Union County Cave Beetle	S1	G1G2	--	--
	Terrestrial cave obligate; Ridge & Valley; Union County.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove	S3	G3	S	--
	Oak Woods And Edges				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Lilium canadense	Canada Lily	S3	G5	T	--
	Rich Woods And Seeps				
Meehania cordata	Heartleaf Meehania	S2	G5	T	--
	Wooded Mountain Slopes				
Parnassia grandifolia	Large-leaved Grass-of-parnassus	S3	G3	S	--
	Calcareous Seeps				
Pedicularis lanceolata	Swamp Lousewort	S1S2	G5	S	--
	Wet Acidic Barrens And Seeps				
Thuja occidentalis	Northern White Cedar	S3	G5	S	--
	Calcareous Rocky Seeps, Cliffs				

Vertebrate Animals: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Erimonax monachus	Spotfin Chub	S2	G2	T	LT,XN, PXN
	Clear upland rivers with swift currents & boulder substrates; portions of the Tennessee River watershed.				
Erimystax cahni	Slender Chub	S1	G1	T	LT
	Major headwater tribs to TN River with small gravel substrates & swift-moderate currents.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				

Union County . . . Continued — Known Species: 19

Vertebrate Animals: 6 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Noturus flavipinnis	Yellowfin Madtom	S1	G1	E	LT,XN
	Medium size to large creeks and small rivers that are unpolluted & relatively unsilted; upper Tennessee River watershed.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				

-- End of Union --

Van Buren County — Known Species: 95

Invertebrate Animals: 35		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aloconota diversiseta	A Rove Beetle Terrestrial cave obligate; Cumberland Plateau.	S1	G1	--	--
Anthrobia mammouthia	Mammoth Cave spider Terrestrial cave obligate; reported from a handful of caves in the middle Cumberlands; Bledsoe, Grundy, & Van Buren counties.	S1	G5	--	--
Appaleptoneta sp. 1	A Leptonetid Spider From Ghost River Cave Terrestrial cave obligate; reported from the northern Cumberlands.	S1	G1	--	--
Arrhopalites sp. 4	A Cave Springtail (species 1) Terrestrial cave obligate; middle Cumberlands.	S1	G1	--	--
Atheta lucifuga	Light Shunning Rove Beetle Terrestrial cave associate; reported from two caves in the Cumberland Plateau; Van Buren County.	S2	G4	--	--
Cambarus pristinus	Pristine Crayfish Under cover in small-large size streams; headwaters of Caney Fork River & abutting Sequatchie River tributaries; Cumberland Plateau.	S2	G2	E	--
Carychium stygium	Cave Thorn Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.	S2	G3	--	--
Chaetaspis mollis	A Cave Millipede Terrestrial cave obligate; central Cumberland Plateau; Van Buren County.	S1	G1	--	--
Chaetaspis sp. 1	A Cave Millipede From Thunder Run Cave (TN) Terrestrial cave obligate; wet caves of central Cumberland Plateau; Van Buren County; known from a single cave at present.	S1	G1	--	--
Diacyclops yeatmani	Yeatman's Groundwater Copepod Aquatic cave obligate; central & southern Cumberlands generally; possibly part of a species complex.	S1	G2G3	--	--
Hypogastrura sp. 1	A Viatica Group Springtail Terrestrial cave obligate; Van Buren County; known from one cave in the Cumberland Plateau.	S1	G1	--	--
Kleptochthonius daemonius	A Cave Obligate Pseudoscorpion Terrestrial cave obligate; Cumberland Plateau.	S1S2	G1G2	--	--
Lithasia geniculata fuliginosa	Geniculate River Snail Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.	S2	G3T3Q	--	--
Lithasia geniculata pinguis	Small Geniculate River Snail Headwater form of L. geniculata, in small rivers and large streams, on gravel substrates; upper Duck & Caney Fork systems.	S2	G3T3Q	--	--
Litocampa sp. 5	A Cave Dipluran From TN Terrestrial cave obligate, Cumberland Plateau escarpment.	S1	G2	--	--
Neanura sp. 1	A Cave Obligate Springtail From TN Terrestrial cave obligate; Rumbling Falls area, Van Buren Co; known from a single cave.	S1	G1	--	--
Nelsonites walteri	A Cave Obligate Beetle Terrestrial cave obligate, northern Cumberlands.	S3	G3G4	--	--
Nesticus tennesseensis	Tennessee cave spider Terrestrial cave associate or possibly obligate; east Tennessee.	S2S4	G3G4	--	--

Van Buren County . . . Continued — Known Species: 95

Invertebrate Animals: 35 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Onychiurus sp. 2	A Cave Obligate Springtail From TN Terrestrial cave obligate, middle Cumberlands; reported from a single cave in Van Buren County.	S1	G1	--	--
Orconectes australis	Southern Cave Crayfish Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.	S3	G5	--	--
Paravitrea variabilis	Variable Supercoil In pockets of deep, moist leaf litter on forested hillsides & ravines; escarpment of Cumb. Plateau in Sequatchie Valley & Franklin Co.	S2S3	G2G3	--	--
Pegias fabula	Littlewing Pearlymussel Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.	S1	G1	E	LE
Phalangodes appalachius	A Cave Obligate Harvestman Terrestrial cave obligate; Cumberland Plateau.	S3	G3G4	--	--
Pleurobema gibberum	Cumberland Pigtoe Shallow areas in small-medium rivers in riffles with sand and gravel substrates; tribs of Cumberland River & poss TN R, middle Tenn.	S1	G1	E	LE
Pseudanophthalmus sp. 27	Rumbling Falls Cave Beetle Terrestrial cave obligate; middle Cumberlands; Van Buren & White counties.	S1	G1	--	--
Pseudanophthalmus vanburensis	A Cave Obligate Beetle Terrestrial cave obligate; middle Cumberlands.	S1	G1	--	--
Pseudosinella christianseni	A Cave Obligate Springtail Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.	S2	G5	--	--
Pseudosinella sp. 5	A Cave Springtail From Swamp River Cave Terrestrial cave obligate; middle Cumberlands.	S1	G1	--	--
Pseudosinella sp. 7 nr. nata	A Springtail From Upper Cummings Cove Cave Terrestrial cave obligate; Van Buren Co.	S1	G1	--	--
Pseudosinella spinosa	A Cave Obligate Springtail Terrestrial cave obligate; middle and southern Cumberlands.	S2	G5	--	--
Scoterpes ventus	A Cave Obligate Millipede Terrestrial cave obligate; wet caves of the Cumberland Plateau & Sequatchie Valley.	S1	G1	--	--
Speyeria diana	Diana Fritillary Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.	S3	G3G4	--	--
Theromaster sp. 1	A Harvestman From Cummings Cove Cave Terrestrial cave associate; known from one cave in the Cumberland Plateau; Van Buren County.	S1	G1	--	--
Trechus cumberlandus	Cumberland Ground Beetle Terrestrial associate of caves, springs, sinkholes; escarpment of the Cumberland Plateau, generally.	S2	G2	--	--
Triacanthella copelandi	Copeland's Springtail Terrestrial cave associate; middle Cumberlands; also reported from Great Smoky Mtns.	S1	G1	--	--

Nonvascular Plants: 6		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Van Buren County . . . Continued — Known Species: 95

Nonvascular Plants: 6 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cololejeunea ornata	Ornate Cololejeunea Sinks & High Humidity Areas On Limestone	S1	G2G4	T	--
Lejeunea blomquistii	Blomquist Leafy Liverwort Mid Elev. Gorges On Rock Or Bark	S1S2	G1G2	S	--
Lejeunea sharpii	Sharp's Lejeunea Calcareous Bluffs, Rock & Logs Of Wet Sinks	S1S2	G2G3	E	--
Metzgeria uncigera	Metzgeria Bark Of American Holly	S1	G3	S	--
Plagiochila punctata	Spotty featherwort Sandstone Bluffs And Cliffs	S1	G5	S	--
Radula voluta	A Liverwort Shady Moist Boulders By Waterfalls Or Sreams	S2	G3	S	--

Vascular Plants: 34		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Acalypha deamii	Deam's Copperleaf Mesic Woods-Sandbars	S1	G4?	S	--
Acer leucoderme	Chalk Maple Circumneutral Rocky Woods	S3	G5	S	--
Allium burdickii	Narrow-leaf Ramps Rich Woods	S1S2	G4G5	T-CE	--
Berberis canadensis	American Barberry Rocky Woods And River Bars	S2	G3	S	--
Calopogon oklahomensis	Oklahoma Grass-pink Acidic Wet Barrens	SH	G4?	E-P	--
Castanea dentata	American Chestnut Mesic To Dry Forests	S2S3	G4	S	--
Cypripedium acaule	Pink Lady's-slipper Piney Woods	S4	G5	S-CE	--
Dichanthelium ensifolium ssp. curtifolium	Short-leaved Panic Grass Boggy Areas	S1	G3?	E	--
Drosera capillaris	Pink Sundew Acidic Wetlands	S1	G5	T	--
Eleocharis equisetoides	Horse-tail Spike-rush Pond Edges And Open Wetlands	S1	G4	E	--
Gaylussacia dumosa	Dwarf Huckleberry Barrens	S3	G5	T	--
Helianthemum propinquum	Low Frostweed Barrens	S1S2	G4	E	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM

Van Buren County . . . Continued **Known Species: 95**

Vascular Plants: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrocotyle americana	American Water-pennywort Wet Soils And Pools	S1	G5	E	--
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Lilium philadelphicum	Wood Lily Dry Openings, Powerlines	S1	G5	E	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Nestronia umbellula	Nestronia Upland Woods	S1	G4	E	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Pilularia americana	American Pillwort Lake Drawdown Zones	S1S2	G5	S	--
Platanthera integra	Yellow Fringeless Orchid Wet Barrens	S1	G3G4	E	--
Platanthera integrilabia	White Fringeless Orchid Acidic Seeps And Stream Heads	S2S3	G2G3	E	C
Poa saltuensis	Drooping Bluegrass Rich Oak Woods	S1	G5	T	--
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Rhynchospora rariflora	Few-flowered Beak-rush Swamps And Bogs	S1	G5	E	--
Rhynchospora wrightiana	Wright's Beak-rush Wet Pine Barrens	SH	G5	E-P	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Utricularia subulata	Zigzag Bladderwort Wet Barrens, Ecotones	S1	G5	T	--
Woodwardia virginica	Virginia Chainfern Acidic Wetlands	S2	G5	S	--

Van Buren County . . . Continued — Known Species: 95

Vascular Plants: 34 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Xyris ambigua	Coastal Plain Yellow-eyed Grass Margins Of Ponds, Bogs, And Ditches	S1	G5	E	--

Vertebrate Animals: 20		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aquila chrysaetos	Golden Eagle Open country, open wooded country, and barren areas, especially in hilly or mountainous regions.	S1	G5	T	--
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma sp. D	Bluemask (Jewel) Darter Streams with slow to moderate current over clean sand and fine gravel; Caney Fork River system (above Great Falls Reservoir).	S1	G1	E	LE
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Hemidactylium scutatum	Four-toed Salamander Woodland swamps, shallow depressions, & sphagnum mats on acidic soils; middle & east Tennessee.	S3	G5	D	--
Hyla gratiosa	Barking Treefrog Low wet woods and swamps esp. with ephemeral ponds.	S3	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis leibii	Eastern Small-footed Myotis Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.	S2S3	G3	D	--
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Notropis rupestris	Bedrock Shiner Bedrock pools of some low-gradient streams of the Nashville Basin.	S2	G2	D	--
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--
Pituophis melanoleucus melanoleucus	Northern Pinesnake Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.	S3	G4T4	T	--
Sorex dispar	Long-tailed Shrew Mountainous, forested areas with loose talus; east Tennessee.	S2	G4	D	--
Sorex fumeus	Smoky Shrew Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.	S4	G5	D	--

Van Buren County . . . Continued — Known Species: 95

Vertebrate Animals: 20 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Sorex hoyi	American Pygmy Shrew	S2	G5	--	--
	Found in a variety of habitats, with moist sites preferred over dry areas; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				

-- End of Van Buren --

Warren County — Known Species: 78

Invertebrate Animals: 21		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carychium stygium	Cave Thorn	S2	G3	--	--
	Cave obligate; feeds on cricket guano; Highland Rim & escarpment of Cumberland Plateau.				
Daedalochila auriformis	Rockpile Liptooth	S1	G4	--	--
	Wet, grassy habitats, generally in full sun; barrens & remnant prairies; Coffee & Warren counties; disjunct from central Alabama.				
Helicodiscus hadenoecus	Cricket Coil	S3	G3	--	--
	Cave obligate; feeds on cricket guano; Eastern Highland Rim & Cumberland Plateau.				
Helicodiscus punctatellus	Punctate Coil	S1	G1	--	--
	Limestone talus deposits, Eastern Highland Rim; Jackson County; known from Pleistocene fossil specimens; may not be extant in TN.				
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion	S3	G5	--	--
	Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.				
Kleptochthonius barri	A Cave Obligate Pseudoscorpion	S1S2	G1G2	--	--
	Terrestrial cave obligate; southern Cumberlands.				
Leptoxis umbilicata	Umbilicate Rocksnail	S1	G1Q	--	--
	Medium sized rivers & large creeks in portions of lower Cumb. and Tenn. river systems; Stones River; possibly a form or morph.				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Lithasia geniculata pinguis	Small Geniculate River Snail	S2	G3T3Q	--	--
	Headwater form of L. geniculata, in small rivers and large streams, on gravel substrates; upper Duck & Caney Fork systems.				
Litocampa sp. 5	A Cave Dipluran From TN	S1	G2	--	--
	Terrestrial cave obligate, Cumberland Plateau escarpment.				
Orconectes australis	Southern Cave Crayfish	S3	G5	--	--
	Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.				
Pegias fabula	Littlewing Pearlymussel	S1	G1	E	LE
	Cool, clear, high-gradient streams in sand, gravel, and cobble substrates, riffles; portions of Cumberland & upper Tenn. river systems.				
Phalangodes appalachius	A Cave Obligate Harvestman	S3	G3G4	--	--
	Terrestrial cave obligate; Cumberland Plateau.				
Pleurobema gibberum	Cumberland Pigtoe	S1	G1	E	LE
	Shallow areas in small-medium rivers in riffles with sand and gravel substrates; tribs of Cumberland River & poss TN R, middle Tenn.				
Pseudanophthalmus macradei	A Cave Obligate Beetle	S1S2	G1G2	--	--
	Terrestrial cave obligate; middle Cumberlands.				
Pseudanophthalmus templetoni	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; Collins River basin.				
Pseudanophthalmus vanburensis	A Cave Obligate Beetle	S1	G1	--	--
	Terrestrial cave obligate; middle Cumberlands.				
Pseudosinella christianseni	A Cave Obligate Springtail	S2	G5	--	--
	Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.				

Warren County . . . Continued **Known Species: 78**

Invertebrate Animals: 21 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Pseudotremia acheron	A Cave Obligate Millipede Terrestrial cave obligate; caves of the central Cumberlands; Warren & Van Buren counties.	S1	G1G2	--	--
Tychobythinus strinatii	A Cave Obligate Beetle Terrestrial cave obligate; middle Cumberlands.	S1S2	G1G2	--	--
Vertigo clappi	Cupped Vertigo In leaf litter and moss on forested hillsides; Blue Ridge; Monroe County.	S1	G1G2	--	--

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Palamocladium leskeoides	Seepy Limestone Cliffs And Bluffs	S1	G3G5	T	--

Vascular Plants: 39		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aureolaria patula	Spreading False-foxglove Oak Woods And Edges	S3	G3	S	--
Carex barrattii	Barratt's Sedge Wet Woods And Oak Barrens	S2	G4	E	--
Dichanthelium acuminatum ssp. leucothrix	Roughish Witchgrass Moist Pine Barrens	S1	G4?Q	S	--
Drosera brevifolia	Dwarf Sundew Wet Barrens And Ecotones	S2	G5	T	--
Eleocharis lanceolata	Lance-like Spike-rush Wet Areas	S1	G4G5	S	--
Eleocharis wolfii	Wolf Spike-rush Wet Woods On Floodplains	S1	G3G4	E	--
Eryngium integrifolium	Blue-flower Coyote-thistle Wet Barrens	S1	G5	T	--
Gaylussacia dumosa	Dwarf Huckleberry Barrens	S3	G5	T	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Gymnopogon brevifolius	Broad-leaved Beardgrass Barrens	S1S2	G5	S	--
Helianthemum propinquum	Low Frostweed Barrens	S1S2	G4	E	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hypericum adpressum	Creeping St. John's-wort Edges Of Ponds And Lakes	S1	G3	E	--

Warren County . . . Continued **Known Species: 78**

Vascular Plants: 39 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Iris prismatica	Slender Blue Flag Wet Barrens	S2S3	G4G5	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--
Lathyrus palustris	Marsh Pea Wet Woods & Marshes	S1	G5	S	--
Lechea pulchella	Leggett's Pinweed Barrens	S1	G5	E	--
Lespedeza angustifolia	Narrowleaf Bushclover Barrens	S2	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Liparis loeselii	Fen Orchis Calcareous Seeps	S1	G5	T	--
Lobelia canbyi	Canby's Lobelia Oak Barrens, Wet Areas	S2S3	G4	T	--
Lycopodiella alopecuroides	Foxtail Clubmoss Wet Acidic Barrens	S2	G5	T	--
Lysimachia terrestris	Swamp Loosestrife Wet Prairies And Swamps	S1	G5	E	--
Lysimachia x producta	Loosestrife Wet Meadows	S1	GNA	S	--
Muhlenbergia torreyana	Torrey's Dropseed Oak Barren Bogs	S1	G3	E	--
Myriophyllum pinnatum	Cutleaf Water-milfoil Acidic Wetland And Ponds	S1	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Panicum hemitomon	Maidencane Ponds In Barrens	S2	G5?	S	--
Pedicularis lanceolata	Swamp Lousewort Wet Acidic Barrens And Seeps	S1S2	G5	S	--
Platanthera integra	Yellow Fringeless Orchid Wet Barrens	S1	G3G4	E	--
Pogonia ophioglossoides	Rose Pogonia Wet Acidic Barrens	S2	G5	E	--
Polygala nana	Dwarf Milkwort Wet Acidic Barrens	S1	G5	E	--
Ponthieva racemosa	Shadow-witch Wet Woods	S1	G4G5	E	--

Warren County . . . Continued — Known Species: 78

Vascular Plants: 39 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Rhynchospora chalarocephala	Loose-headed Beakrush Wet Barrens	S1	G5	T	--
Rhynchospora perplexa	Obscure Beak-rush Marshes, Wet Barrens	S2	G5	T	--
Rhynchospora rariflora	Few-flowered Beak-rush Swamps And Bogs	S1	G5	E	--
Spiranthes lucida	Shining Ladies'-tresses Alluvial Woods And Moist Slopes	S1S2	G5	T	--
Xyris laxifolia var. iridifolia	Wide-leaved Yellow-eyed Grass Pond Margins And Marshes	S2	G4G5T4T5	T	--
Zigadenus leimanthoides	Death-camas Acidic Wetlands	S2	G4Q	T	--

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma forbesi	Barrens Darter Headwaters of the Barren Fork & Hickory Creek drainages; Cumberland River watershed.	S1	G1G2	E	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma sp. D	Bluemask (Jewel) Darter Streams with slow to moderate current over clean sand and fine gravel; Caney Fork River system (above Great Falls Reservoir).	S1	G1	E	LE
Fundulus julisia	Barrens Topminnow Springs, spring runs, and first- and second-order headwaters and creeks in the Barrens of Cannon, Coffee, & Warren counties.	S1	G1	E	--
Gyrinophilus palleucus	Tennessee Cave Salamander Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.	S2	G2G3	T	--
Hemitremia flammea	Flame Chub Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.	S3	G3	D	--
Hyla gratiosa	Barking Treefrog Low wet woods and swamps esp. with ephemeral ponds.	S3	G5	D	--
Ixobrychus exilis	Least Bittern Marshes with scattered bushes or other woody growth; readily uses artificial wetland habitats.	S2B	G5	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE

Warren County . . . Continued — Known Species: 78

Vertebrate Animals: 17 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Myotis leibii	Eastern Small-footed Myotis	S2S3	G3	D	--
	Hibernates in caves & mines; also uses abandoned buildings, bridges, and barns seasonally.				
Myotis sodalis	Indiana Myotis	S1	G2	E	LE
	Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Notropis rupestris	Bedrock Shiner	S2	G2	D	--
	Bedrock pools of some low-gradient streams of the Nashville Basin.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Warren --

Washington County — Known Species: 44

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Southern Appalachian Spray Cliff	Southern Appalachian Spray Cliff	SNR	GNR	--	--

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Discus bryanti	Sawtooth Disc	S1S2	G3	--	--
	Leaf litter in rocky upland woods, under rotting logs; northeast Tennessee; Blue Ridge.				
Paravitrea tridens	White-foot Supercoil	S2	G2	--	--
	Moist leaf litter on wooded hillsides; northeast Tennessee; Ridge & Valley and Blue Ridge.				
Pilsbryna aurea	Ornate Bud	S1	G1	--	--
	Deep, wet leaves of karstic forests & hills, near streams; assoc. with limestone/dolomite outcrops; Unicoi, Washington, & Blount cos.				
Speyeria diana	Diana Fritillary	S3	G3G4	--	--
	Fields, edges, and openings in moist, rich, forested mountains and valleys; Blue Ridge & Cumberland Plateau generally.				
Vertigo parvula	Smallmouth Vertigo	S2S3	G3	--	--
	In leaf litter and on logs in upland forests with limestone outcrops or talus; Blue Ridge; Washington & Unicoi counties.				

Vascular Plants: 23		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Adlumia fungosa	Climbing Fumitory	S2	G4	T	--
	Rich Mesic Woods				
Berberis canadensis	American Barberry	S2	G3	S	--
	Rocky Woods And River Bars				
Botrychium matricariifolium	Chamomile Grapefern	S1	G5	S	--
	Mountain Woods And Thickets				
Botrychium oneidense	Blunt-lobed Grapefern	S1	G4Q	S	--
	Moist Forests				
Buckleya distichophylla	Piratebush	S2	G2	T	--
	Rocky Mountain Woods W/ Hemlock				
Cardamine clematitis	Mountain Bittercress	S2	G3	T	--
	High Elevation Seeps				
Cypripedium acaule	Pink Lady's-slipper	S4	G5	S-CE	--
	Piney Woods				
Diervilla sessilifolia var. rivularis	Mountain Bush-honeysuckle	S2	G3	T	--
	Dry Cliffs And Bluffs				
Draba ramosissima	Branching Whitlow-grass	S2	G4	S	--
	Calcareous Bluffs				
Gentiana austromontana	Appalachian Gentian	S3	G3	S	--
	High Elevation Open Woods				
Goodyera repens	Dwarf Rattlesnake-plantain	S1	G5	S	--
	Moist Conifer/Rhododendron Woods				

Washington County . . . Continued — Known Species: 44

Vascular Plants: 23 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Hydrocotyle americana	American Water-pennywort Wet Soils And Pools	S1	G5	E	--
Lonicera canadensis	American Fly-honeysuckle Mountain Woods And Streams	S1	G5	T	--
Lonicera dioica	Mountain Honeysuckle Mountain Woods And Thickets	S2	G5	S	--
Melanthium latifolium	Broadleaf Bunchflower Oak Forest	S1S2	G5	E	--
Oenothera parviflora	Northern Evening-primrose Disturbed Open Areas	S1	G4?	S	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Polygonum cilinode	Fringed Black Bindweed Dry Rocky Woods And Thickets	S1S2	G5	T	--
Silene caroliniana ssp. pensylvanica	Carolina Pink Rocky Bluffs	S1S2	G5T4T5	T	--
Thuja occidentalis	Northern White Cedar Calcareous Rocky Seeps, Cliffs	S3	G5	S	--
Trillium rugelii	Southern Nodding Trillium Rich Mountain Woods	S2	G3	E	--
Tsuga caroliniana	Carolina Hemlock Dry Ridges	S3	G3	T	--

Vertebrate Animals: 15		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ardea alba	Great Egret Marshes, swampy woods, streams, lakes, and ponds; also fields and meadows; colonial nester.	S2B,S3N	G5	D	--
Carpiodes velifer	Highfin Carpsucker Large rivers, mostly in Tennessee River drainage.	S2S3	G4G5	D	--
Corvus corax	Common Raven Hilly or mountainous areas, esp near cliffs; nests usually on cliff ledges or in coniferous trees.	S2	G5	T	--
Etheostoma acuticeps	Sharphead Darter Strongly flowing water in riffles and chutes of large upland creeks and medium-sized rivers.	S2S3	G3	--	--
Haliaeetus leucocephalus	Bald Eagle Areas close to large bodies of water; roosts in sheltered sites in winter; communal roost sites common.	S3	G5	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--

Washington County . . . Continued — Known Species: 44

Vertebrate Animals: 15 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Mustela nivalis	Least Weasel	S2	G5	--	--
	Old fields, hedgerows, and forested areas; Appalachian Mountains, Ridge & Valley, & Cumberland Plateau.				
Napaeozapus insignis	Woodland Jumping Mouse	S4	G5	D	--
	Deciduous and coniferous forests with herbaceous groundcover; middle and east Tennessee.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Passerculus sandwichensis	Savannah Sparrow	S1B,S4N	G5	--	--
	Grassland habitats, away from cultivated fields and fence lines; reported from Ridge & Valley and Western Highland Rim.				
Percina aurantiaca	Tangerine Darter	S3	G4	D	--
	Large-moderate size headwater tribs to Tennessee River, in clear, fairly deep, rocky pools, usually below riffles.				
Phoxinus tennesseensis	Tennessee Dace	S3	G3	D	--
	First order spring-fed streams of woodlands in Ridge and Valley limestone region; Tennessee River watershed.				
Sorex fumeus	Smoky Shrew	S4	G5	D	--
	Damp wooded areas including coniferous or mixed forests; middle and east Tennessee.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Washington --

Wayne County — Known Species: 35

Invertebrate Animals: 4		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Hemistena lata	Cracking Pearlymussel	S1	G1	E	LE
	Medium-sized rivers of mod current, deeply buried in mud, sand, gravel, and cobble substrates; Tennessee & Cumb. river systems.				
Lithasia geniculata fuliginosa	Geniculate River Snail	S2	G3T3Q	--	--
	Medium-sized river form of L. geniculata; portions of lower Cumberland and lower Tennessee river systems; Duck & Buffalo rivers.				
Ophiogomphus acuminatus	Acuminate Snaketail	S2	G3	--	--
	Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.				
Orconectes alabamensis	Alabama Crayfish	S2	G5	D	--
	Small-medium sized streams, in pools under rocks; Tennessee River tributaries from Shoal Creek downstream to the Buffalo River.				

Vascular Plants: 14		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Apios priceana	Price's Potato-bean	S2	G2	E	LT
	Openings In Rich Woods				
Arabis glabra	Tower-mustard	S1	G5	S	--
	Barrens And Open Floodplains				
Arabis hirsuta	Western Hairy Rockcress	S1	G5	T	--
	Glades And Limestone Bluffs				
Carex hirtifolia	Pubescent Sedge	S1S2	G5	S	--
	Lowland Forests				
Draba cuneifolia	Wedge-leaved Whitlow-grass	S1S2	G5	S	--
	Barrens And Glades				
Erythronium rostratum	Beaked Trout-lily	S2	G5	S	--
	Mesic Woods And Slopes				
Hasteola suaveolens	Sweet-scented Indian-plantain	S2	G4	T	--
	Alluvial Woods, Moist Slopes				
Hydrastis canadensis	Goldenseal	S3	G4	S-CE	--
	Rich Woods				
Juncus brachycephalus	Small-headed Rush	S2	G5	S	--
	Seeps And Wet Bluffs				
Leavenworthia exigua var. exigua	Glade-cress	S3	G4T3	S	--
	Glades				
Lilium michiganense	Michigan Lily	S3	G5	T	--
	Swamps And Open Wet Woods				
Liparis loeselii	Fen Orchis	S1	G5	T	--
	Calcareous Seeps				
Panax quinquefolius	American Ginseng	S3S4	G3G4	S-CE	--
	Rich Woods				
Prenanthes barbata	Bearded Rattlesnake-root	S2	G3	S	--
	Barrens And Dry Woodlands				

Wayne County . . . Continued — Known Species: 35

Vertebrate Animals: 17		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Etheostoma aquali	Coppercheek Darter	S2S3	G2G3	T	--
	Primarily in deep riffles, runs, and flowing pools; Duck and Buffalo River watersheds.				
Etheostoma boschungi	Slackwater Darter	S1	G1	T	LT
	Gravel-bottomed creeks and small rivers; spawns in seepage water in fields and open woods.				
Etheostoma cinereum	Ashy Darter	S2S3	G2G3	T	--
	Small to medium upland rivers with bedrock or gravel substrate and boulders.				
Etheostoma corona	Crown Darter	S1S2	G3	E	--
	Rocky pools and adjacent riffles of headwaters, creeks, and small rivers; Cypress Creek watershed.				
Etheostoma neopterum	Lollypop Darter	S1S2	G3	--	--
	Small to medium sized, gravelly, cool, spring-fed streams; Shoal Creek watershed.				
Hemitremia flammea	Flame Chub	S3	G3	D	--
	Springs and spring-fed streams with lush aquatic vegetation; Tennessee & middle Cumberland river watersheds.				
Ichthyomyzon gagei	Southern Brook Lamprey	S1	G5	D	--
	Gravel and sand riffles and runs of small rivers and creeks; Conasauga & lower Tennessee river watersheds.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Noturus fasciatus	Saddled Madtom	S2	G2	T	--
	Rocky riffles, runs, and flowing pools of clear creeks & small rivers; Duck River system and nearby tributaries of the Tennessee River.				
Percina burtoni	Blotchside Logperch	S2	G2G3	D	--
	Large creeks and small-medium rivers with low turbidity and gravel-cobble substrates; Tennessee & Cumberland river watersheds.				
Pituophis melanoleucus melanoleucus	Northern Pinesnake	S3	G4T4	T	--
	Well-drained sandy soils in pine/pine-oak woods; dry mountain ridges; E portions of west TN, E to lower elev of the Appalachians.				
Sistrurus miliarius streckeri	Western Pygmy Rattlesnake	S2S3	G5T5	T	--
	Usually near water in river floodplains, swamps, marshes, and wet prairies; occas drier wooded uplands; W half of Tenn., generally.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Wayne --

Weakley County — Known Species: 14

Invertebrate Animals: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Fallicambarus hortoni	Hatchie Burrowing Crayfish	S1	G1	E	--
	Primary burrower; uses saturated or seasonally saturated soils associated with permanent bodies of water; Mississippi River tributaries, Coastal Plain.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 3		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Crataegus harbisonii	Harbison's Hawthorn	S1	G1	E	--
	Dry Rocky Calcareous Woods				
Didiplis diandra	Water-purslane	S1	G5	T	--
	Swamps				
Helianthus occidentalis	Naked-stem Sunflower	S2	G5	S	--
	Limestone Glades And Barrens; Roadsides				

Vertebrate Animals: 9		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S3	G3G4	D	--
	Caves, hollow trees, abandoned buildings; often associated with forested areas.				
Etheostoma pyrrhogaster	Firebelly Darter	S2	G2G3	D	--
	Sand- and gravel-bottomed pools of headwaters, creeks, and small rivers; upper Coastal Plain; west Tennessee.				
Ictinia mississippiensis	Mississippi Kite	S2S3	G5	D	--
	Undisturbed stands of lowland and floodplain forests and along major rivers.				
Limnothlypis swainsonii	Swainson's Warbler	S3	G4	D	--
	Mature, rich, damp, deciduous floodplain and swamp forests.				
Noturus gladiator	Piebald Madtom	S3	G3	D	--
	Large creeks & rivers in moderate-swift currents with clean sand or gravel substrates; Mississippi River tributaries.				
Sorex longirostris	Southeastern Shrew	S4	G5	D	--
	Various habitats including wet meadows, damp woods, and uplands; statewide.				
Synaptomys cooperi	Southern Bog Lemming	S4	G5	D	--
	Marshy meadows, wet balds, & rich upland forests.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				
Zapus hudsonius	Meadow Jumping Mouse	S4	G5	D	No Status
	Open grassy fields; often abundant in thick vegetation near water bodies; statewide.				

-- End of Weakley --

White County — Known Species: 51

Invertebrate Animals: 19		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Aloconota diversiseta	A Rove Beetle Terrestrial cave obligate; Cumberland Plateau.	S1	G1	--	--
Appaleptoneta sp. 1	A Leptonetid Spider From Ghost River Cave Terrestrial cave obligate; reported from the northern Cumberlands.	S1	G1	--	--
Cambarus pristinus	Pristine Crayfish Under cover in small-large size streams; headwaters of Caney Fork River & abutting Sequatchie River tributaries; Cumberland Plateau.	S2	G2	E	--
Folsomia sp. 2 nr. macrochaeta	A Springtail From Indian Cave Terrestrial cave obligate; middle Cumberlands; White County.	S1	G1	--	--
Helicodiscus hadenoecus	Cricket Coil Cave obligate; feeds on cricket guano; Eastern Highland Rim & Cumberland Plateau.	S3	G3	--	--
Helicodiscus punctatellus	Punctate Coil Limestone talus deposits, Eastern Highland Rim; Jackson County; known from Pleistocene fossil specimens; may not be extant in TN.	S1	G1	--	--
Hesperochernes mirabilis	Southeastern Cave Pseudoscorpion Terrestrial cave obligate; woodrat debris in caves; middle Tennessee.	S3	G5	--	--
Kleptochthonius daemonius	A Cave Obligate Pseudoscorpion Terrestrial cave obligate; Cumberland Plateau.	S1S2	G1G2	--	--
Lithasia geniculata pinguis	Small Geniculate River Snail Headwater form of L. geniculata, in small rivers and large streams, on gravel substrates; upper Duck & Caney Fork systems.	S2	G3T3Q	--	--
Litocampa sp. 5	A Cave Dipluran From TN Terrestrial cave obligate, Cumberland Plateau escarpment.	S1	G2	--	--
Orconectes australis	Southern Cave Crayfish Aquatic cave obligate; subterranean streams & pools; Eastern Highland Rim escarpment to the Cumberland Plateau.	S3	G5	--	--
Pleurobema gibberum	Cumberland Pigtoe Shallow areas in small-medium rivers in riffles with sand and gravel substrates; tribs of Cumberland River & poss TN R, middle Tenn.	S1	G1	E	LE
Pseudanophthalmus sp. 27	Rumbling Falls Cave Beetle Terrestrial cave obligate; middle Cumberlands; Van Buren & White counties.	S1	G1	--	--
Pseudosinella christianseni	A Cave Obligate Springtail Terrestrial cave obligate; portions of Cumberland Plateau & Sequatchie Valley.	S2	G5	--	--
Pseudosinella sp. 5	A Cave Springtail From Swamp River Cave Terrestrial cave obligate; middle Cumberlands.	S1	G1	--	--
Pseudosinella sp. 6	A Springtail From Indian Cave Terrestrial cave obligate; White County. Reported from a single cave.	S1	G1	--	--
Scoterpes ventus	A Cave Obligate Millipede Terrestrial cave obligate; wet caves of the Cumberland Plateau & Sequatchie Valley.	S1	G1	--	--
Trechus cumberlandus	Cumberland Ground Beetle Terrestrial associate of caves, springs, sinkholes; escarpment of the Cumberland Plateau, generally.	S2	G2	--	--

White County . . . Continued — Known Species: 51

Invertebrate Animals: 19 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Triacanthella copelandi	Copeland's Springtail Terrestrial cave associate; middle Cumberlands; also reported from Great Smoky Mtns.	S1	G1	--	--

Nonvascular Plants: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Palamocladium leskeoides	Seepy Limestone Cliffs And Bluffs	S1	G3G5	T	--

Vascular Plants: 18		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ceratophyllum echinatum	Prickly Hornwort Slow Moving Streams	S1	G4?	S	--
Conradina verticillata	Cumberland Rosemary Sandy, Rocky River Banks And Bars	S3	G3	T	LT
Eriocaulon decangulare	Ten-angle Pipewort Acidic Wetlands	S1	G5	E	--
Eryngium integrifolium	Blue-flower Coyote-thistle Wet Barrens	S1	G5	T	--
Fuirena squarrosa	Hairy Umbrella-sedge Stream And Lake Margins	S1	G4G5	S	--
Glyceria acutiflora	Sharp-scaled Mannagrass Swamps,Ponds	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Lilium canadense	Canada Lily Rich Woods And Seeps	S3	G5	T	--
Lilium michiganense	Michigan Lily Swamps And Open Wet Woods	S3	G5	T	--
Ludwigia sphaerocarpa	Globe-fruited False-loosestrife Swamps And Shallow Pools	S1	G5	T	--
Lysimachia terrestris	Swamp Loosestrife Wet Prairies And Swamps	S1	G5	E	--
Myriophyllum pinnatum	Cutleaf Water-milfoil Acidic Wetland And Ponds	S1	G5	T	--
Platanthera flava var. herbiola	Tubercled Rein-orchid Swamps And Floodplains	S2	G4T4Q	T	--
Ribes curvatum	Granite Gooseberry Rocky Woods	S1	G4	T	--
Spiraea virginiana	Virginia Spiraea Stream Bars And Ledges	S2	G2	E	LT

White County . . . Continued — Known Species: 51

Vascular Plants: 18 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Torreyochloa pallida	Pale Manna Grass Pond And Stream Margins	S1	G5	S	--
Xyris ambigua	Coastal Plain Yellow-eyed Grass Margins Of Ponds, Bogs, And Ditches	S1	G5	E	--
Xyris laxifolia var. iridifolia	Wide-leaved Yellow-eyed Grass Pond Margins And Marshes	S2	G4G5T4T5	T	--

Vertebrate Animals: 13		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat Caves, hollow trees, abandoned buildings; often associated with forested areas.	S3	G3G4	D	--
Cryptobranchus alleganiensis	Hellbender Rocky, clear creeks and rivers with large shelter rocks.	S3	G3G4	D	No Status
Etheostoma sp. D	Bluemask (Jewel) Darter Streams with slow to moderate current over clean sand and fine gravel; Caney Fork River system (above Great Falls Reservoir).	S1	G1	E	LE
Falco peregrinus	Peregrine Falcon Varied habitats including farmlands, marshes, river mouths, and cities; often nests on ledges.	S1B	G4	E	No Status
Hyla gratiosa	Barking Treefrog Low wet woods and swamps esp. with ephemeral ponds.	S3	G5	D	--
Limnothlypis swainsonii	Swainson's Warbler Mature, rich, damp, deciduous floodplain and swamp forests.	S3	G4	D	--
Myotis grisescens	Gray Myotis Cave obligate year-round; frequents forested areas; migratory.	S2	G3	E	LE
Myotis sodalis	Indiana Myotis Hibernates in caves; spring/summer maternity roosts are normally under the bark of standing trees.	S1	G2	E	LE
Neotoma magister	Allegheny Woodrat Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.	S3	G3G4	D	--
Notropis rupestris	Bedrock Shiner Bedrock pools of some low-gradient streams of the Nashville Basin.	S2	G2	D	--
Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard Dry upland areas including brushy, cut-over woodlands and grassy fields; nearly statewide but obscure; fossorial.	S3	G5T5	D	--
Sorex longirostris	Southeastern Shrew Various habitats including wet meadows, damp woods, and uplands; statewide.	S4	G5	D	--
Typhlichthys subterraneus	Southern Cavefish Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.	S3	G3G4	D	--

-- End of White --

Williamson County — Known Species: 24

Ecological Systems: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Carex lurida - Carex leptalea - Parnassia grandifolia - Juncus brachycephalus - (Xyris tennesseensis) Herbaceous Vegetation	Highland Rim Parnassia Seepage Fen	SNR	G1	--	--

Invertebrate Animals: 2		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Ophiogomphus acuminatus	Acuminate Snaketail Clear, mostly shaded streams with at least pockets of sandy gravel; Western Highland Rim & Western Uplands.	S2	G3	--	--
Orconectes shoupi	Nashville Crayfish 1st-order & larger streams, generally with bedrock bottom, under slabrock; endemic to Mill Creek watershed; Davidson & William. cos.	S1S2	G1G2	E	LE

Vascular Plants: 16		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Apios priceana	Price's Potato-bean Openings In Rich Woods	S2	G2	E	LT
Asclepias purpurascens	Purple Milkweed Barrens	S1	G5?	S	--
Astragalus tennesseensis	Tennessee Milk-vetch Glades	S3	G3	S	--
Carex oxylepis var. pubescens	Hairy Sharp-scaled Sedge Wooded Bluffs, Floodplains	S1	G5?T3	S	--
Castanea dentata	American Chestnut Mesic To Dry Forests	S2S3	G4	S	--
Dalea foliosa	Leafy Prairie-clover Rocky Washes In Glades	S2S3	G2G3	E	LE
Erythronium rostratum	Beaked Trout-lily Mesic Woods And Slopes	S2	G5	S	--
Helianthus eggertii	Eggert's Sunflower Barrens And Roadsides	S3	G3	S	DM
Juglans cinerea	Butternut Rich Woods And Hollows	S3	G4	T	--
Juncus brachycephalus	Small-headed Rush Seeps And Wet Bluffs	S2	G5	S	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Lesquerella densipila	Duck River Bladderpod Cultivated Fields	S3	G3	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--

Williamson County . . . Continued — Known Species: 24

Vascular Plants: 16 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Parnassia grandifolia	Large-leaved Grass-of-parnassus Calcareous Seeps	S3	G3	S	--
Perideridia americana	Thicket Parsley Cedar Barrens	S2	G4	E	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--

Vertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Accipiter striatus	Sharp-shinned Hawk Forests and open woodlands.	S3B,S4N	G5	D	No Status
Dendroica cerulea	Cerulean Warbler Mature deciduous forest, particularly in floodplains or mesic conditions.	S3B	G4	D	--
Etheostoma luteovinctum	Redband Darter Limestone streams; Nashville Basin & portions of Highland Rim.	S4	G4	D	--
Etheostoma microlepidum	Smallscale Darter Small rivers, in deep, strongly flowing riffles with gravel, boulder, and coarse rubble substrates; Cumberland River drainage.	S2	G2G3	D	--
Percina phoxocephala	Slenderhead Darter Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.	S3	G5	D	--

-- End of Williamson --

Wilson County — Known Species: 48

Invertebrate Animals: 5		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Epioblasma brevidens	Cumberlandian Combshell	S1	G1	E	LE
	Large creeks to large rivers, in coarse sand or mixtures of gravel, cobble, or rocks; Tennessee & Cumberland river systems.				
Epioblasma obliquata obliquata	Catspaw	S1	G1T1	E	LE
	Medium-large rivers, in sand and gravel substrates in runs and riffles; Tennessee & Cumberland river systems.				
Gomphus sandrius	Tennessee Clubtail	S1	G1	--	--
	Slow streams with bare bedrock shores; Central Basin; upper Duck River and middle Cumberland River watersheds.				
Lampsilis abrupta	Pink Mucket	S2	G2	E	LE
	Generally a large river species, preferring sand-gravel or rocky substrates with mod-strong currents; Tennessee & Cumberland river systems.				
Pseudanophthalmus acherontis	Echo Cave Beetle	S1	G1	--	--
	Terrestrial cave obligate; Central Basin; reported from Wilson & Rutherford counties.				

Other Types: 1		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Heron rookery	Heron Rookery	SNR	GNR	--	--

Vascular Plants: 30		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Allium stellatum	Glade Onion	S1	G5	E	--
	Glades				
Ammoselinum popei	Pope's Sand-parsley	S2	G4	T	--
	Glades				
Amsonia tabernaemontana var. gattingeri	Limestone Blue Star	S3	G5T3Q	S	--
	Glades, Barrens, And Rocky River Bars				
Anemone caroliniana	Carolina Anemone	S1S2	G5	E	--
	Glades And Cedar Woodlands				
Arabis hirsuta	Western Hairy Rockcress	S1	G5	T	--
	Glades And Limestone Bluffs				
Arabis perstellata	Braun's Rockcress	S1	G2	E	LE
	Limestone Bluffs				
Astragalus tennesseensis	Tennessee Milk-vetch	S3	G3	S	--
	Glades				
Dalea candida	White Prairie-clover	S2	G5	S	--
	Barrens				
Dalea foliosa	Leafy Prairie-clover	S2S3	G2G3	E	LE
	Rocky Washes In Glades				
Dalea purpurea	Purple Prairie-clover	S1	G5	E	--
	Barrens				
Diarrhena obovata	Beak Grass	S1	G4G5	S	--
	Moist Calcareous Ledges, Upland Woods				

Wilson County . . . Continued **Known Species: 48**

Vascular Plants: 30 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Echinacea tennesseensis	Tennessee Coneflower Ordovician Limestone Glades	S2	G2	E	LE
Evolvulus nuttallianus	Evolvulus Glades	S3	G5	S	--
Helianthus occidentalis	Naked-stem Sunflower Limestone Glades And Barrens; Roadsides	S2	G5	S	--
Hydrastis canadensis	Goldenseal Rich Woods	S3	G4	S-CE	--
Leavenworthia exigua var. exigua	Glade-cress Glades	S3	G4T3	S	--
Lesquerella perforata	Spring Creek Bladderpod Cultivated Fields, Floodplains & Outcrops	S1	G1	E	LE
Mirabilis albida	Pale Umbrella-wort Glades	S2	G5	T	--
Oenothera macrocarpa	Missouri Primrose Limestone Cedar Glades	S2	G5	T	--
Panax quinquefolius	American Ginseng Rich Woods	S3S4	G3G4	S-CE	--
Phlox bifida ssp. stellaria	Glade Cleft Phlox Glades	S3	G5?T3	T	--
Phlox pilosa ssp. ozarkana	Ozark Downy Phlox Rocky, Dry Open Woods	S1S2	G5T4?	S	--
Schoenolirion croceum	Yellow Sunnybell Wet Areas In Glades	S3	G4	T	--
Scleria verticillata	Low Nutrush Wet Prairies And Fens	S2	G5	S	--
Silphium pinnatifidum	Southern Prairie-dock Barrens	S2	G3Q	T	--
Sporobolus heterolepis	Northern Dropseed Limestone Glades And Barrens	S1	G5	S	--
Stellaria fontinalis	Water Stitchwort Seeps And Limestone Creek Beds	S3	G3	T	--
Talinum calcaricum	Limestone Fame-flower Glades	S3	G3	S	--
Vitis rupestris	Sand Grape Sandy, Rocky Riverbanks	S1	G3	E	--
Zanthoxylum americanum	Northern Prickly-ash Cedar Thickets	S2	G5	S	--

Vertebrate Animals: 12		St. Rank	Global Rank	St. Prot.	Fed. Prot.

Wilson County . . . Continued — Known Species: 48

Vertebrate Animals: 12 . . . Continued		St. Rank	Global Rank	St. Prot.	Fed. Prot.
Chondestes grammacus	Lark Sparrow	S1B	G5	T	--
	Open habitats with scattered bushes and trees, prairie, cultivated areas, fields with bushy borders; ground nester.				
Cryptobranchus alleganiensis	Hellbender	S3	G3G4	D	No Status
	Rocky, clear creeks and rivers with large shelter rocks.				
Etheostoma olivaceum	Sooty Darter	S3	G3	D	--
	Small streams with slabrock on limestone bedrock; Nashville Basin tribs to Cumberland & lower Caney Fork rivers.				
Gyrinophilus palleucus	Tennessee Cave Salamander	S2	G2G3	T	--
	Aquatic cave obligate; cave streams & rimstone pools; Central Basin, Eastern Highland Rim, & Cumberland Plateau.				
Macrochelys temminckii	Alligator Snapping Turtle	S2S3	G3G4	D	--
	Slow moving, deep water of rivers, sloughs, oxbows, swamps, and lakes; middle and west Tennessee; obscure.				
Myotis grisescens	Gray Myotis	S2	G3	E	LE
	Cave obligate year-round; frequents forested areas; migratory.				
Neotoma magister	Allegheny Woodrat	S3	G3G4	D	--
	Outcrops, cliffs, talus slopes, crevices, sinkholes, caves & karst.				
Notropis rupestris	Bedrock Shiner	S2	G2	D	--
	Bedrock pools of some low-gradient streams of the Nashville Basin.				
Percina phoxocephala	Slenderhead Darter	S3	G5	D	--
	Small-large rivers with moderate gradient in shoal areas with moderate-swift currents; portions of Tenn & Cumb river watersheds.				
Thryomanes bewickii	Bewick's Wren	S1	G5	E	--
	Brushy areas, thickets and scrub in open country, open and riparian woodland.				
Typhlichthys subterraneus	Southern Cavefish	S3	G3G4	D	--
	Aquatic cave obligate; cave streams, karst waters, and water supply wells; reported from all karst regions excluding RV & BR.				
Tyto alba	Barn Owl	S3	G5	D	--
	Open and partly open country, often around human habitation; farms.				

-- End of Wilson --