MISSOURI **SPECIES** AND **COMMUNITIES*** OF **CONSERVATION CONCERN** *Checklist*

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*Terrestrial Natural Communities. Does not include aquatic or cave communities.

SCI077

JANUARY 2026

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ACKNOWLEDGMENTS

The following individuals contributed to the development of this document. They are grouped by affiliation (whether current or retired) and then alphabetically by first name.
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Cover photograph: Eastern Spadefoot (S2) from the sand prairies of southeastern Missouri. Photo by Jeff Briggler, State Herpetologist.

NOTICE: Please submit reports of all sightings of species and natural communities listed in this checklist on the forms provided at the back of this checklist. Special criteria apply to birds and reports should follow the guidelines listed in Appendix A.

INTRODUCTION

The Missouri Department of Conservation (MDC) is charged with the protection and management of Missouri's fish, forest, and wildlife resources. In the brief time since the European settlement of Missouri, many plants and animals have declined to levels of concern, and some have disappeared entirely. The species cataloged in this checklist represent approximately 18 percent of the native vascular plants, 14 percent of the nonvascular plants, 28 percent of the vertebrate animals, and an unknown percentage of the native invertebrate species in Missouri. Together, the animals, plants, lichens, and natural communities represent Missouri's biological diversity—a natural heritage worth protecting.

The Department maintains two references relating to the status of listed plants and animals in Missouri: the *Missouri Species and Communities of Conservation Concern Checklist* (*Checklist*) and the *Wildlife Code of Missouri (Code)*. The *Checklist* is used mainly for planning and communication purposes. All native animal species in the State of Missouri are protected as biological diversity elements unless a method of legal harvest, harm or take is described in the *Code.* All native plant species in the State of Missouri are protected as biological diversity elements only on land owned by the Missouri Department of Conservation. Species listed in the *Code* under 3 CSR 10-4.111 and all federally listed endangered and threatened plants and animals protected by the Endangered Species Act of 1973 (ESA) are protected by the State Endangered Species Law 252.240. Some additional plants and animals in this *Checklist* also appear in the *Code* and are afforded special legal protection.

How to use the checklist

The checklist, developed with the cooperation of specialists throughout the state, is a list of lichens, plants, animals, and natural communities that MDC is particularly concerned about due to population declines or apparent vulnerability. The global and state ranks indicate the level of concern for each Element's (i.e., a species or type of natural community) continued existence throughout its range and in Missouri, respectively. Global ranks are assigned by NatureServe in association with other organizations via a standardized methodology. State ranks in Missouri are assigned by the Missouri Natural Heritage Program within the Missouri Department of Conservation.

The checklist is arranged by broad taxonomic groups with terrestrial natural communities first, followed by lichens, plants, invertebrates, and then vertebrates. Within each group, species are arranged alphabetically by their scientific names. Terrestrial natural communities are arranged by community type. Each Element is identified by its scientific name, common name, state rank, global rank, state status, and federal status.

TERMS AND DEFINITIONS

FEDERAL STATUS

The federal status is derived from the provisions of the Endangered Species Act of 1973, as amended, which is administered by the U.S. Fish and Wildlife Service (USFWS). Passage of the Endangered Species Act of 1973 gave the United States one of the most important laws ever enacted by any country to prevent the extinction of imperiled animals and plants. Protecting endangered and threatened species and restoring them to the condition where their existence is no longer jeopardized is the primary objective of the USFWS Endangered Species Program.

E: Endangered: Any species which is in danger of extinction throughout all or a significant portion of its range.

T: Threatened: Any species which is likely to become endangered within the foreseeable future.

C: Candidate: Plants or animals which the USFWS is reviewing for possible addition to the list of endangered and threatened species.

PE: Proposed Endangered: Species officially proposed for listing as endangered; final ruling not yet made.

PT: Proposed Threatened: Species officially proposed for listing as threatened; final ruling not yet made.

SA/T: Threatened due to similarity of appearance: Species is listed for its protection due to similarity of appearance with another listed species. Species listed as SA/T are not biologically threatened.

STATE STATUS

Rule 3 CSR 10-4.111 of the *Wildlife Code of Missouri* and certain state statutes apply to state *Code*-listed species.

E: Endangered: Determined by MDC under constitutional authority.

GLOBAL RANK (GRANK)

Global ranks are assigned and maintained by NatureServe. A numeric rank (G1 through G5) of relative imperilment based on standard rank factors:

- the estimated number of Element Occurrences (EOs) throughout the Element's global, national, or subnational (i.e. state or province) range;
- the estimated numbers of those EOs with good viability;
- the estimated abundance of the Element (measured in terms of population for species Elements as well as occupied area or linear distance for both species and communities);
- the estimated size of the Element's range;
- the short- and long-term trends in the Element's distribution over its range;
- the estimated number of adequately protected EOs throughout the Element's range globally, nationally, or subnationally;
- the scope, severity, and immediacy of threats to the Element;
- the vulnerability of the Element to intrusion; and
- the specificity of the Element’s environmental requirements.

GLOBAL RANK (*Cont.*)

G1: Critically Imperiled: At very high risk of extinction or elimination due to extreme rarity, very steep declines, or other factors.

G2: Imperiled: At high risk of extinction or elimination due to a very restricted range, very few populations or occurrences, steep declines, or other factors.

G3: Vulnerable: At moderate risk of extinction or elimination due to a restricted range, relatively few populations or occurrences, recent and widespread declines, or other factors.

G4: Apparently Secure: Uncommon but not rare; some cause for long-term concern due to declines or other factors.

G5: Secure: Common; widespread and abundant.

G#G#: Range Rank: A numeric range rank (e.g., G2G3) is used to indicate uncertainty about the exact status of a taxon. Ranges cannot skip more than two ranks (e.g., G1G4 is not valid).

GU: Unrankable: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

GNR: Unranked: Global rank not yet assessed.

GH: Possibly Extinct: Known from only historical occurrences but still some hope of rediscovery. There is evidence that the species may be extinct but not enough to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching or some evidence of significant habitat loss or degradation; and (2) that a species has been searched for unsuccessfully, but not thoroughly enough to presume that it is extinct.

GX: Presumed Extinct: Not located despite intensive searches and virtually no likelihood of rediscovery.

SUBRANK:

T#: Infraspecific Taxon (binomial): Rank applies to a subspecies or variety. Rules for assigning T-ranks follow the same principles outlined above.

QUALIFIERS:

?: Inexact Numeric Rank: Denotes inexact numeric rank; it is not used in combination with range ranks, GH, or GX.

Q: Questionable Taxonomy: Distinctiveness of the entity as a taxon at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority (numerically higher) conservation status rank.

STATE RANK

Assigning national and subnational conservation status ranks for species and ecosystems (ecological communities and systems) follows the same general principles as used in assigning global status ranks. Subnational ranks are assigned and maintained by the Missouri Natural Heritage Program (MONHP).

S1: Critically Imperiled: Critically imperiled in the state because of extreme rarity or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation from the state.

S2: Imperiled: Imperiled in the state because of rarity due to very restricted range, very few populations or occurrences, steep declines, or other factors making it very vulnerable to extirpation from the state.

S3: Vulnerable: Vulnerable in the state due to a restricted range, relatively few populations or occurrences, recent and widespread declines, or other factors making it vulnerable to extirpation.

S4: Apparently Secure: Uncommon but not rare; some cause for long-term concern due to declines or other factors.

S5: Secure: Common, widespread, and abundant in the state.

S#S#: Range Rank: A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species. Ranges cannot skip more than two ranks (e.g., S1S4 is not valid).

SU: Unrankable: Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

S?: Unranked: State rank not yet assessed.

SE: Exotic: An exotic (non-native) established in the state; may be native in nearby regions (e.g., house finch or catalpa in eastern U.S.).

SA: Accidental: Accidental or casual in the state, in other words, infrequent and outside its usual range. Includes species (usually birds or butterflies) recorded once or only a few times at a location. A few of these species may have bred on the one or two occasions they were recorded. Examples include European strays or western birds on the East Coast and vice versa.

SP: Potential: Potential that the species occurs in the state, but no extant or historic occurrences are accepted.

SR: Reported: Species reported in the state but without a basis for either accepting or rejecting the report, or the report not yet reviewed locally. Some of these are very recent discoveries for which MONHP has not yet received first-hand information; others are old, obscure reports.

SRF: Reported Falsely: Species erroneously reported in the state and the error has persisted in the literature.

STATE RANK (*Cont.*)

SH: Possibly Extirpated: Known from only historical records but still some hope of rediscovery. There is evidence that the species may no longer be present in the state, but there is not enough information to state this with certainty. Examples of such evidence include (1) that a species has not been documented in approximately 20-40 years despite some searching or some evidence of significant habitat loss or degradation; and (2) that a species has been searched for unsuccessfully, but not thoroughly enough to presume that it is no longer present in the state.

SX: Presumed Extirpated: Species is believed to be extirpated from the state. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

QUALIFIERS:

?: Inexact or Uncertain: Denotes inexact or uncertain rank; this should not be used with range ranks, SH, or SX.

WATCHLIST

A watchlist is for species that may warrant inclusion on the list in the future or there is uncertainty about the taxonomy or origin. Records can be submitted for these species which will help inform future decisions about including them on the checklist of Species of Conservation Concern.

Species added to the watchlist are denoted by 'WL' after the SRANK.

SPECIES CHANGES

STATUS CHANGES

LICHENS

Graphis sophisticascens (A lichen; formally *Graphina sophisticascens*) from SH to S1S2 due to additional populations found in multiple counties within the last 15 years by Doug Ladd. Wide geographic extent indicate species may more common than currently known.

LIVERWORTS

Riccia frostii (A liverwort) from S1 to SU due to many new finds along the Missouri River floodplain by Dillon Freiberger and Robert Breeding. Needs additional survey work.

FLOWERING PLANTS

Buchloe dactyloides (Buffalo Grass) from SH to S1 due to a recent report of a purportedly native population in Bates County.

Carex cumberlandensis (A Sedge) from S1 to S2S3 due to extensive, frequent colonies. This recently described species needs additional survey work.

Carex gigantea (Giant Sedge) from S1S2 to S1 due to lack of recent records.

Carex oxylepis (Sharp-scale Sedge) from S2 to S3 due to fairly common sightings on loess soils in southeast Missouri.

Cirsium hillii (Hill's Thistle) from SU to SH due to lack of records in 45 years. Searches in the appropriate habitat and at historical locations have failed to relocate.

Conyza canadensis var. pusilla (Fleabane) from S1S2 to S3 due to several large new populations found in southeast Missouri. It has a low fidelity to natural habitats.

Floerkea proserpinacoides (False Mermaid) from SU to S3 due to several large new populations found in the last few years. Populations seem stable.

Heuchera puberula (Little Leaved Alum Root; formally *Heuchera parviflora var. parvifola*) from S1 to S2. Recent sightings in Current River watershed indicate species may be more common. Needs additional survey work.

Phlox bifida (Bifid Phlox) from S1 to S2S3 due to many recent records from rhyolite and sandy substrates. It is difficult to assess which populations are escapees from cultivation.

INSECTS

Alloperla leonarda (Truncate Sallfly) from S3 to S1S2 due to extremely restricted range in Missouri and lack of recent records for the species.

Prostoia similis (Longhorn Forestfly) from S3 to S1S2 due to extremely restricted range in Missouri and lack of recent records for the species.

REPTILES

Pituophis catenifer sayi (Bullsnake) from SU to S3 due to recent survey work and preference for native grasslands.

BIRDS
Buteo swainsoni (Swainson's Hawk) from S2 to S3. A casual summer resident in the southwest and an uncommon transient visitor in the west, with rare sightings in the east. Numbers have increased steadily, over 1% per year, between 1966 and 2019, according to the North American Breeding Bird Survey.

The "safe dates" for *Setophaga cerulea* (Cerulean Warbler) in Missouri have changed from 6/01-8/10 to 5/15-8/01 (Appendix A).

ADDITIONS

PLANTS
Cicuta bulbifera (Bulblet-forming Water Hemlock) as S1. Discovered in state by Steve Buback and Reese Worthington in Clark County in 2023.

Symphyotrichum shortii (Short's Aster) as S1. Discovered in state by Josh Wibbenmeyer in Cape Girardeau County in 2025.

CRUSTACEANS
Crangonyx insolitus (An Amphipod) as SU. This species of cave-associated amphipod is endemic to a single cave in Shannon County and has not been collected since its initial description in 1984.

Stygobromus acicularis (An Amphipod) as SU. This newly described cave-associated amphipod species is endemic to two caves in Missouri and has not been documented since 2002.

Stygobromus gardneri (An Amphipod) as SU. This newly described cave-associated amphipod species is found in southeastern Missouri and has not been documented since 2002.

INSECTS
Calliopsis nebraskensis (An Andrenid Bee) added as SU. This is a sand specialist found primarily on alluvial plains. Despite the prevalence of its host plant, *Verbena* spp., this bee is rare in Missouri and additional surveys are needed to better understand its habitat requirements.

Euphydryas phaeton ozarkae (Ozark Checkerspot) added as S3. This subspecies is genetically distinct from the Baltimore Checkerspot and is restricted to the Ozark region of Missouri and Arkansas. Given its narrow host plant breadth, as well as marked declines in Baltimore Checkerspot populations, it is likely that this butterfly is at risk in Missouri.

Prostoia ozarkensis (Ozark Forestfly) added as SU. This recently described stonefly species has most of its known range in the Missouri Ozarks.

Protandrena labrosiformis (An Andrenid bee) added as SU. Though broadly oligolectic on Asteraceae, this species is apparently restricted to high-quality remnant prairies and is only known from a handful of records in the state.

AMPHIBIANS
Eurycea nerea (Northern Grotto Salamander) as S2S3 due to accepted taxonomic revision that separated the Grotto Salamander into two species in Missouri.

Gastrophryne olivacea (Western Narrow-mouthed Toad) as S3 due to limited knowledge of its status and distribution, as well as likely decline.

REPTILES
Sonora episcopa (Great Plains Groundsnake) as SU due to limited knowledge of distribution, preference for glades, and illegal collecting threat.

DELETIONS

PLANTS
Carex laxiculmis var. copulata (A Sedge) from SU to S4. Extensive populations in bottomland forests in Current River geography.

Fimbristylis littoralis (A Fimbrisylis; formally *Fimbristylis littoralis var. littoralis*) from S1 to SE. Species found to be non-native to North America.

Lactuca hirsuta (Hairy Lettuce) from S3 to S4. Widespread on acidic soils throughout Ozark Plateau.

BIRDS
Ardea alba (Great Egret) from S3 to S4. Common summer visitant, but little evidence of breeding in the state. The number of colonies has increased both in number and size since MDC initiated surveys in the early 1980s. Population increased by approximately 1.5% per year across most of their range from 1966 to 2019, according to the North American Breeding Bird Survey.

Asio otus (Long-eared Owl) from SU to S4. Missouri is not considered in its breeding range, with nesting in the north considered extremely rare.

Cistothorus palustris (Marsh Wren) from S3 to S4. Locally uncommon summer resident in the north with no confirmed breeding records since 1999. Secure global population. Populations have increased by 130% between 1966 and 2015 according to the North American Breeding Bird Survey.

Xanthocephalus xanthocephalus (Yellow-headed Blackbird) from S3 to S4. Northern Missouri is on the eastern fringe of its breeding range and no confirmed nesting records have been documented since 1997.

TAXONOMIC CHANGES

LICHENS
Graphina sophisticascens to *Graphis sophisticascens* due to accepted taxonomic revision.

PLANTS
The following species changed due to accepted taxonomic revision. The SRANK of the previously tracked element has been adopted by the new element.

Mosses
Brachythecium salebrosum var. salebrosum to *Brachythecium salebrosum* (A Moss); SU.

Ferns
Cheilanthes alabamensis to *Myriopteris alabamensis* (Alabama Lip-fern); S1.
Cheilanthes tomentosa to *Myriopteris tomentosa* (Wooly Lip-fern); S1.
Woodwardia areolata to *Lorinseria areolata* (Netted Chain Fern); S2.

Flowering plants

Campanula aparinoides to *Palustricodon aparinoides* (Marsh Bellflower); S1
Carex laxiflora var. laxiflora to *Carex laxiflora* (A Carex); S1.
Castanea pumila var. ozarkensis to *Castanea ozarkensis* (Ozark Chinquapin); S2.
Chelone obliqua to *Chelone speciosa* (Rose Turtlehead); S2. Molecular analysis indicates all wild plants of this species in Missouri belong to *C. speciosa* (Nelson Phytoneuron 2024-80: 1–8).
Chenopodium strictum var. glaucophyllum to Chenopodium strictum (A Goosefoot); SH.
Coeloglossum viride var. virescens to *Coeloglossum viride* (Long-bracted Orchid); S1.
Distichlis spicata var. spicata to *Distichlis spicata* (Seashore Salt Grass); S1.
Eleocharis elliptica var. ellitica to *Eleocharis elliptica* (Elliptic Spikesedge); S1.
Elymus glaucus ssp. glaucus (Blue Wild Rye) to *Elymus glaucus ssp. mackenziei* (Ozark Blue Wild Rye); SU.
Glycyrrhiza lepidota var. lepidota to *Glycyrrhiza lepidota* (Wild Licorice); S1.
Heuchera parviflora var. parvifola to *Heuchera puberula* (Little Leaved Alum Root); S2.
Heuchera villosa var. villosa to *Heuchera villosa* (Little Leaved Alum Root); S1.
Ilex verticillata var. padifolia to *Ilex verticillate* (Winterberry); S3.
Mimulus glabratus var. jamesii to *Erythranthe geyeri* (Roundleaf Monkey Flower); SH.
Philadelphus pubescens var. verrucosus to *Philadelphus pubescens* (Mock Orange); S1.
Polygala mariana to *Senega mariana* (Maryland Milkwort); S1.
Sambucus pubens to *Sambucus racemosa ssp. pubens* (Red-berried Elderflower); S1.
Zannichellia palustris var. major to *Zannichellia palustris* (Horned Pondweed); S3?
Zigadenus elegans ssp. glaucus to *Anticlea glauca* (White Camas); S2.

MOLLUSKS

Alasmidonta viridis to *Pressodonta viridis* (Slippershell Mussel) due to accepted taxonomic revision.

Cyclonaias nodulata to *Pustulosa nodulata* (Wartyback) due to accepted taxonomic revision.

ARACHNIDS

Mundochthonius cavernicolus to *Mundochthonius cavernicola* (Cavernicolous Pseudoscorpion) due to incorrect epithet gendering.

INSECTS

Gomphus fraternus to *Gomphurus fraternus* (Midland Clubtail) due to accepted taxonomic revision.

Gomphus ventricosus to *Gomphurus ventricosus* (Skillet Clubtail) due to accepted taxonomic revision.

Melissodes intorta to *Melissodes intortus* (A Callirhoe Bee) due to incorrect epithet gendering.

FISH

The following species changed due to accepted taxonomic revision.

Notropis buchanani to *Paranotropis buchanani* (Ghost Shiner).
Notropis chalybaeus to *Alburnops chalybaeus* (Ironcolor Shiner).
Notropis ozarcanus to *Paranotropis ozarcanus* (Ozark Shiner).

Notropis sabinae to *Miniellus sabinae* (Sabine Shiner).
Notropis texanus to *Alburnops texanus* (Weed Shiner).
Notropis topeka to *Miniellus topeka* (Topeka Shiner).

AMPHIBIANS
The common name of *Eurycea spelaea* has been changed from Grotto Salamander to Western Grotto Salamander due to an accepted taxonomic revision that separated the Grotto Salamander into two species in Missouri resulting in a new species (*Eurycea nerea;* Northern Grotto Salamander) and a new common name for *Eurycea spelaea*.

REPTILES
Heterodon gloydi (Dusty Hog-nosed Snake) *to Heterodon nasicus gloydi* (Dusty Hog-nosed Snake) due to accepted taxonomic revision.

Heterodon nasicus (Plains Hog-nosed Snake) to *Heterodon nasicus nasicus* (Plains Hog-nosed Snake) due to accepted taxonomic revision.

The common name for *Macrochelys temminckii* has been changed from Alligator Snapping Turtle to Western Alligator Snapping Turtle due to accepted taxonomic revision.

MAMMALS
Cervus elaphus (Elk or Wapiti) to *Cervus canadensis* due to accepted taxonomic revision.

WATCHLIST
The watchlist is for species that may warrant inclusion on the list in the future or there is uncertainty about the taxonomy or origin. Records can be submitted for these species which will help inform future decisions about including them on the checklist of Species of Conservation Concern.

PLANTS
Arundinaria gigantea (Giant Cane) added as S3S4. This plant is a keystone species for riparian systems but may be vulnerable to increased flood intensities.

Vitis rupestris (Rock Grape) added as S3S4. Recent surveys have failed to find this plant at many historic locations. Globally vulnerable (G3) and Missouri is thought to have best populations.

MOLLUSKS
Lampsilis sietmani (Canary Kingshell) added as SU. This former subspecies was recently upgraded to species status; it is unknown what the distribution or status of this species is in Missouri.

Quadrula nobilis (Gulf Mapleleaf) added as SU. This species was recently recognized as a valid species and member of the fauna. It is unknown what the distribution or status of this species is in Missouri.

TERRESTRIAL NATURAL COMMUNITIES

In addition to lichens, plants, and animals, the MONHP tracks occurrences of high-quality terrestrial natural communities. Terrestrial natural communities are interrelated assemblages of plants, animals, and other living organisms incorporated into their physical surroundings—including geologic substrate, soils, topography and aspect—that are shaped by climate and other natural processes. High-quality sites are ones that provide diverse assemblages of native species and intact soils. These natural communities frequently provide the habitat necessary for Missouri's listed lichens, plants, and animals. Because MDC tracks occurrences of high-quality natural communities, we encourage the submission of site information on natural communities and remnant habitat in this Checklist.

State ranks (SRANKs) are assigned to natural communities using criteria that are similar to species SRANKs. Criteria include total number of occurrences, number of occurrences by grade [A-D], total acres, number of counties in which the community type occurs, number of protected occurrences, and threats. Global ranks are not applied to communities due to the difficulty in reconciling Missouri's classification system with larger scale classifications. In 2021 terrestrial natural community SRANKS were revised using the criteria and ranking algorithms in NatureServe's conservation status assessment rank calculator along with peer-review. There are also aquatic and cave natural communities, but SRANKs have not been assigned, and their classification is under review.

Natural community types have been classified using The Terrestrial Natural Communities of Missouri (Nelson, 2010). This classification system was developed to accomplish an inventory of the state's natural communities, prioritized by quality, size and distribution, to help meet land protection goals. The terrestrial natural communities tracked in MONHP (high-quality examples) are listed below with their SRANKs by major community type.

NATURAL COMMUNITY TYPES

FOREST (15 types)	**SRANK**
Dry-Mesic Loess/Glacial Till Forest	S4
Mesic Loess/Glacial Till Forest	S3
Dry-Mesic Limestone/Dolomite Forest	S4
Mesic Limestone/Dolomite Forest	S3
Dry-Mesic Chert Forest	S4
Dry-Mesic Sandstone Forest	S3
Mesic Sandstone Forest	S2
Dry-Mesic Sand Forest	S2
Mesic Sand Forest	S1
Dry-Mesic Igneous Forest	S4
Dry-Mesic Bottomland Forest	S4
Mesic Bottomland Forest	S2
Wet-Mesic Bottomland Forest	S2
Wet Bottomland Forest	S2
Riverfront Forest	S4

WOODLAND (19 types)	**SRANK**
Dry Loess/Glacial Till Woodland	S3
Dry-Mesic Loess/Glacial Till Woodland	S3
Mesic Loess/Glacial Till Woodland	SH
Dry Limestone/Dolomite Woodland	S3
Dry-Mesic Limestone/Dolomite Woodland	S3
Dry Chert Woodland	S4
Dry-Mesic Chert Woodland	S4
Dry Sandstone Woodland	S3
Dry-Mesic Sandstone Woodland	S3
Dry Sand Woodland	S2
Dry-Mesic Sand Woodland	S2
Dry Igneous Woodland	S4
Dry-Mesic Igneous Woodland	S4
Upland Flatwoods	S2
Bottomland Flatwoods	S1
Sinkhole Flatwoods	S2
Dry-Mesic Bottomland Woodland	S3
Mesic Bottomland Woodland	SH
Wet-Mesic Bottomland Woodland	S1

SAVANNA (6 types)	**SRANK**
Dry-Mesic Loess/Glacial Till Savanna	S1
Mesic Loess/Glacial Till Savanna	SH
Limestone/Dolomite Savanna	SH
Chert Savanna	S1
Sandstone/Shale Savanna	SH
Sand Savanna	S1

PRAIRIE (12 types)	**SRANK**
Dry Loess/Glacial Till Prairie	S2
Dry-Mesic Loess/Glacial Till Prairie	S1
Mesic Loess/Glacial Till Prairie	S1
Dry Limestone/Dolomite Prairie	S2
Dry-Mesic Limestone/Dolomite Prairie	S1
Dry-Mesic Chert Prairie	S2
Dry-Mesic Sandstone/Shale Prairie	S2
Sand Prairie	S1
Prairie Swale	S1
Hardpan Prairie	S1S2
Wet-Mesic Bottomland Prairie	S1
Wet Bottomland Prairie	S1

GLADE (5 types)	**SRANK**
Limestone Glade	S3
Dolomite Glade	S3S4
Chert Glade	S1
Sandstone Glade	S3
Igneous Glade	S3

CLIFF/TALUS (11 types)	**SRANK**
Dry Limestone/Dolomite Cliff	S4S5
Moist Limestone/Dolomite Cliff	S4
Dry Sandstone Cliff	S3S4
Moist Sandstone Cliff	S3
Dry Chert Cliff	S2
Moist Chert Cliff	S2
Dry Igneous Cliff	S3
Moist Igneous Cliff	S3
Unconsolidated Bluff	S4
Limestone/Dolomite Talus	S3
Igneous Talus	S3

STREAM EDGE (3 types)	**SRANK**
Sand Bar	S3
Gravel Wash	S4
Stream Bank/River Bank	S3

WETLAND (13 types)	**SRANK**
Marsh	S2
Shrub Swamp	S3S4
Swamp	S2
Pond Marsh	S1
Pond Shrub Swamp	S2S3
Pond Swamp	S1
Ozark Fen	S2
Prairie Fen	S1
Forested Fen	S2
Glacial Fen	S1
Acid Seep	S2
Saline Seep	S1
Limestone/Dolomite Spring	S3

Total Terrestrial Natural Community Types: 84

THREATENED AND ENDANGERED SPECIES IN MISSOURI

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS
PLANTS			
Asclepias meadii	Mead's Milkweed	Endangered	Threatened
Boltonia decurrens	Decurrent False Aster	Endangered	Threatened
Geocarpon minimum	Geocarpon	Endangered	Threatened
Helenium virginicum	Virginia Sneezeweed	Endangered	Threatened
Isotria medeoloides	Small Whorled Pogonia*	Endangered	Threatened
Lindera melissifolia	Pondberry	Endangered	Endangered
Physaria filiformis	Missouri Bladderpod	Endangered	Threatened
Platanthera leucophaea	Eastern Prairie Fringed Orchid	Endangered	Threatened
Platanthera praeclara	Western Prairie Fringed Orchid	Endangered	Threatened
Trifolium stoloniferum	Running Buffalo Clover	Endangered	
MOLLUSKS			
Antrobia culveri	Tumbling Creek Cavesnail	Endangered	Endangered
Cumberlandia monodonta	Spectaclecase	Endangered	Endangered
Cyprogenia aberti	Western Fanshell	Endangered	Threatened
Elliptio crassidens	Elephantear	Endangered	
Epioblasma curtisii	Curtis Pearlymussel	Endangered	Endangered
Epioblasma triquetra	Snuffbox	Endangered	Endangered
Lampsilis abrupta	Pink Mucket	Endangered	Endangered
Lampsilis higginsii	Higgins Eye	Endangered	Endangered
Lampsilis rafinesqueana	Neosho Mucket	Endangered	Endangered
Plethobasus cyphyus	Sheepnose	Endangered	Endangered
Potamilus capax	Fat Pocketbook	Endangered	Endangered
Potamilus leptodon	Scaleshell	Endangered	Endangered
Pressodonta viridis	Slippershell Mussel	Endangered	
Quadrula fragosa	Winged Mapleleaf	Endangered	Endangered
Reginaia ebenus	Ebonyshell	Endangered	
Simpsonaias ambigua	Salamander Mussel	Endangered	Proposed Endangered
Theliderma cylindrica	Rabbitsfoot	Endangered	Threatened
CRUSTACEANS			
Cambarus aculabrum	Benton County Cave Crayfish		Endangered
Faxonius eupunctus	Coldwater Crayfish	Endangered	
Faxonius peruncus	Big Creek Crayfish	Endangered	Threatened
Faxonius quadruncus	St. Francis River Crayfish	Endangered	Threatened
Faxonius roberti	Spring River Crayfish	Endangered	
Orconectes stygocaneyi	Caney Mountain Cave Crayfish	Endangered	
INSECTS			
Bombus affinis	Rusty Patched Bumble Bee*		Endangered
Danaus plexippus	Monarch		Proposed Threatened
Nicrophorus americanus	American Burying Beetle*	Endangered	Threatened
Speyeria idalia	Regal Fritillary		Proposed Threatened
Somatochlora hineana	Hine's Emerald	Endangered	Endangered

*Considered extirpated, historical, or accidental occurrence in Missouri.

THREATENED AND ENDANGERED SPECIES IN MISSOURI (*Cont.*)

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS
FISH			
Acipenser fulvescens	Lake Sturgeon	Endangered	
Cottus specus	Grotto Sculpin	Endangered	Endangered
Crystallaria asprella	Crystal Darter	Endangered	
Etheostoma fusiforme	Swamp Darter	Endangered	
Etheostoma histrio	Harlequin Darter	Endangered	
Etheostoma nianguae	Niangua Darter	Endangered	Threatened
Etheostoma parvipinne	Goldstripe Darter	Endangered	
Etheostoma whipplei	Redfin Darter	Endangered	
Forbesichthys papilliferus	Shawnee Hills Cavefish	Endangered	
Hybognathus hayi	Cypress Minnow	Endangered	
Miniellus sabinae	Sabine Shiner	Endangered	
Miniellus topeka	Topeka Shiner	Endangered	Endangered
Notropis maculatus	Taillight Shiner	Endangered	
Noturus eleutherus	Mountain Madtom	Endangered	
Noturus placidus	Neosho Madtom	Endangered	Threatened
Percina nasuta	Longnose Darter	Endangered	
Platygobio gracilis	Flathead Chub	Endangered	
Scaphirhynchus albus	Pallid Sturgeon	Endangered	Endangered
Scaphirhynchus platorynchus	Shovelnose Sturgeon		S/A Threatened
Troglichthys rosae	Ozark Cavefish	Endangered	Threatened
Umbra limi	Central Mudminnow	Endangered	
AMPHIBIANS			
Cryptobranchus alleganiensis alleganiensis	Eastern Hellbender	Endangered	Endangered
Cryptobranchus alleganiensis bishopi	Ozark Hellbender	Endangered	Endangered
REPTILES			
Deirochelys reticularia miaria	Western Chicken Turtle	Endangered	
Emydoidea blandingii	Blanding's Turtle	Endangered	
Kinosternon flavescens	Yellow Mud Turtle	Endangered	
Macrochelys temminckii	Western Alligator Snapping Turtle		Proposed Threatened
Nerodia cyclopion	Mississippi Green Watersnake*	Endangered	
Sistrurus catenatus	Eastern Massasauga*	Endangered	Threatened
Sistrurus tergeminus tergeminus	Prairie Massasauga	Endangered	
BIRDS			
Botaurus lentiginosus	American Bittern	Endangered	
Circus hudsonius	Northern Harrier	Endangered	
Egretta thula	Snowy Egret	Endangered	
Laterallus jamaicensis jamaicensis	Eastern Black Rail		Threatened
Limnothlypis swainsonii	Swainson's Warbler	Endangered	
Peucaea aestivalis	Bachman's Sparrow	Endangered	
Rallus elegans	King Rail	Endangered	
Sterna antillarum athalassos	Interior Least Tern	Endangered	
Tympanuchus cupido	Greater Prairie-chicken	Endangered	

*Considered extirpated, historical, or accidental occurrence in Missouri

THREATENED AND ENDANGERED SPECIES IN MISSOURI (*Cont.*)

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FEDERAL STATUS
MAMMALS			
Canis lupus	Gray Wolf*		Endangered
Canis rufus	Red Wolf*		Endangered
Corynorhinus townsendii ingens	Ozark Big-eared Bat*	Endangered	Endangered
Lepus californicus	Black-tailed Jackrabbit	Endangered	
Myotis grisescens	Gray Myotis	Endangered	Endangered
Myotis septentrionalis	Northern Long-eared Myotis	Endangered	Endangered
Myotis sodalis	Indiana Myotis	Endangered	Endangered
Perimyotis subflavus	Tri-colored Bat		Proposed Endangered
Spilogale putorius interrupta	Plains Spotted Skunk	Endangered	

*Considered extirpated, historical, or accidental occurrence in Missouri.

SPECIES AND STATUSES

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
LICHENS					
Cladonia cervicornis ssp. verticillata	A Lichen	S?	G5		
Cladonia leporina	A Lichen	S2	G4G5		
Coenogonium missouriense	Missouri Cave Lichen	SH	GH		
Collema nigrescens	A Lichen	SU	G5?		
Dendriscocaulon intricatulum	A Lichen	S?	GUQ		
Dermatocarpon moulinsii	A Lichen	S1	G4		
Dibaeis absoluta	A Lichen	S1	G4		
Flavoparmelia rutidota	A Lichen	S?	G4G5		
Graphis sophisticascens	A Lichen	S1S2	GNR		
Imshaugia aleurites	A Lichen	S?	G5		
Lecidea lurida	A Lichen	SU	GNR		
Pannaria rubiginosa	A Lichen	S1	G4G5		
Parmelia squarrosa	A Lichen	S?	G5		
Parmelina horrescens	A Lichen	S1	G5		
Parmotrema hypoleucinum	A Lichen	S1	G4G5		
Parmotrema tinctorum	A Lichen	S2	G5?		
Parmotrema xanthinum	A Lichen	S?	G3G5		
Pseudocyphellaria aurata	A Lichen	S1	G3G5		
Psora icterica	A Lichen	S1	G5?		
Pycnothelia papillaria	A Lichen	S1	G5		
Ramalina intermedia	A Lichen	S1	G5		
Rimelia subisidiosa	A Lichen	S1	G4G5		
Tuckermannopsis ciliaris	A Lichen	S?	G5		
Usnea angulata	A Lichen	S1	G3G5		
Xanthoparmelia australasica	A Lichen	S1	G5		
Total Lichen Taxa: 25					
LIVERWORTS AND HORNWORTS					
Aneura sharpii	A Liverwort	S1	GNR		
Anthoceros agrestis	A Hornwort	S2	G4G5		
Apopellia megaspora	A Liverwort	S1	GNR		
Bazzania trilobata var. depauperata	A Liverwort	S1	G5TUQ		
Bazzania trilobata var. trilobata	A Liverwort	S1	G5T5		
Calypogeia muelleriana ssp. muelleriana	A Liverwort	SU	G5T5		
Calypogeia sullivantii	A Leafy Liverwort	S1	G4		
Cephaloziella hyalina	A Liverwort	S1	G4		
Frullania kunzei	A Liverwort	S1	G4		
Fuscocephaloziopsis catenulata	A Liverwort	S2	G5		
Fuscocephaloziopsis connivens	A Liverwort	S1	G5		
Jungermannia leiantha	A Liverwort	S1	G5		
Kurzia pauciflora	A Liverwort	S1	G5		
Kurzia sylvatica	A Liverwort	S1	G5		
Leucolejeunea unciloba	A Liverwort	S1	G4G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
LIVERWORTS AND HORNWORTS *(Cont.)*					
Marchantia polymorpha ssp. polymorpha	A Liverwort	S1	G5TNR		
Marsupella sullivantii	A Liverwort	S2	G5		
Metzgeria conjugata	A Liverwort	S1	G5		
Metzgeria furcata	A Liverwort	S2	G5		
Nardia lescurii	A Liverwort	S1	G3?		
Notothylas orbicularis	A Hornwort	S1	G5		
Nowellia curvifolia	A Liverwort	S2	G5		
Odontoschisma denudatum ssp. denudatum	A Liverwort	S1	G5T5		
Oxymitra incrassata	A Liverwort	S1	GNR		
Pedinophyllum interruptum	A Liverwort	S1	G3G4		
Phaeoceros oreganus	A Hornwort	S1	GNRQ		
Plagiochasma wrightii	A Liverwort	SH	G3?		
Ptilidium pulcherrimum	A Liverwort	S1	G5		
Radula australis	A Liverwort	SR	G3G4		
Rectolejeunea maxonii	A Liverwort	S1	G4		
Riccardia multifida	A Liverwort	S1	G5		
Riccardia palmata	A Liverwort	S1	G5		
Riccia austini	A Liverwort	S2	G5		
Riccia bifurca	A Liverwort	SU	G5		
Riccia campbelliana	A Liverwort	S1	G4G5		
Riccia cavernosa	A Liverwort	S1	G5		
Riccia crystallina	A Liverwort	SU	G4G5		
Riccia frostii	A Liverwort	SU	G5		
Riccia hirta	A Liverwort	S2	G5		
Riccia macallisteri	A Liverwort	S1	G2G4		
Riccia nigrella	A Liverwort	SU	G4G5		
Riccia ozarkiana	A Liverwort	SH	G1G2		
Riccia sorocarpa	A Liverwort	S1	G5		
Riccia sullivantii	A Liverwort	S?	G4G5T4T5Q		
Schistochilopsis incisa	A Liverwort	S1	G5		
Total Liverwort and Hornwort Taxa: 45					
MOSSES					
Acaulon muticum var. muticum	A Moss	S1	G4G5TNR		
Anacamptodon splachnoides	Knothole Moss	S1	G3G5		
Anomobryum julaceum	A Moss	S1	G5		
Archidium alternifolium	A Moss	S1	G4G5		
Atrichum crispulum	A Moss	S2	G5		
Atrichum crispum	A Moss	S1	G5		
Atrichum cylindricum	A Moss	S1	G5		
Brachelyma subulatum	A Moss	S1	G4G5		
Brachythecium campestre	A Moss	S1	G5		
Brachythecium salebrosum	A Moss	SU	G5		
Bruchia texana	A Moss	SU	G3G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
MOSSES *(Cont.)*					
Bryhnia novae-angliae	A Moss	S1	G5		
Bryoxiphium norvegicum	Sword Moss	S1	G5?		
Calliergonella cuspidata	A Moss	S1	G5		
Calliergonella lindbergii	Lindberg's Hypnum Moss	SU	G5		
Campylium protensum	A Moss	S2	G3G5		
Campylopodiella stenocarpa	A Moss	S1	G5		
Campylopus tallulensis	A Moss	S2	G4		
Codriophorus aciculare	A Moss	S1	G5		
Dichelyma capillaceum	A Moss	S1	G5		
Dicranella rufescens	A Moss	S1	G5?		
Dicranum polysetum	A Moss	S1	G5		
Didymodon revolutus	A Moss	S1	G4		
Didymodon rigidulus var. rigidulus	A Moss	S1	G5T4?		
Ditrichum rhynchostegium	A Moss	S1	G3G5		
Drepanocladus aduncus	A Moss	SU	G5		
Drepanocladus polygamus	A Moss	S1	G5		
Encalypta procera	Extinguisher Moss	S1	G5		
Entodon brevisetus	A Moss	S1	G4?		
Entosthodon serratus	A Moss	S1	G4		
Ephemerum crassinervium var. texanum	A Moss	SU	G5T3?		
Ephemerum serratum	A Moss	S1	G5		
Fissidens exilis	Small Pocket Moss	S2	G5		
Fissidens hallianus	A Moss	S2	GNRQ		
Forsstroemia producta	A Moss	S1	G5?		
Funaria americana	A Moss	SU	G3?		
Gemmabryum klinggraeffii	A Moss	S1	G4G5		
Gemmabryum ruderale	A Moss	S2	G3G5		
Gemmabryum subapiculatum	A Moss	SX	G5?		
Grimmia olneyi	A Moss	S2	G3G5		
Grimmia plagiopodia	A Moss	S1	G4G5		
Gymnostomum calcareum	A Moss	SU	G5?		
Herzogiella striatella	A Moss	SU	G5		
Homaliadelphus sharpii	Sharp's Homaliadelphus	S1	G3?		
Hypnum cupressiforme var. filiforme	A Moss	S1	G5TNR		
Hypnum pallescens	A Moss	S1	G5		
Hypnum pratense	A Moss	S1	G5		
Imbribryum alpinum	Alpine Thread Moss	S1	G4G5		
Imbribryum miniatum	A Moss	S1	G4G5		
Isopterygiopsis muelleriana	A Moss	S1	G5		
Jaffueliobryum raui	A Moss	S2	G4?		
Jaffueliobryum wrightii	A Moss	S1	G4G5		
Leskea polycarpa	A Moss	SU	G5		
Micromitrium megalosporum	A Moss	S1S2	G4		
Micromitrium synoicum	A Moss	SU	G4		
Micromitrium tenerum	A Moss	S1	G4G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
MOSSES *(Cont.)*					
Mnium hornum	A Moss	S1	G5		
Mnium thomsonii	A Moss	S?	G5		
Myurella sibirica	A Moss	S2	G5		
Neckera besseri	A Moss	S1	G4G5		
Orthotrichum anomalum	A Moss	S?	G5		
Orthotrichum diaphanum	A Moss	S2	G5		
Orthotrichum elegans	A Moss	S1	G5		
Orthotrichum lescurii	A Moss	S1	GNR		
Philonotis hastata	A Moss	S1	G5		
Physcomitrium collenchymatum	A Moss	S1	G2G4		
Physcomitrium hookeri	A Moss	SU	G2G4		
Plagiomnium medium	A Moss	SU	G5		
Plagiothecium denticulatum	A Moss	S1	G5		
Platylomella lescurii	A Moss	S2	G5		
Pleuridium acuminatum	A Moss	S2	GNR		
Pleuridium sullivantii	A Moss	S1	G3G5		
Pohlia annotina	A Moss	S2	G4G5		
Polytrichastrum formosum var. densifolium	A Moss	S1	G5TNR		
Polytrichum strictum	A Moss	S1	G5		
Pseudocampylium radicale	A Moss	S1	G3G5		
Pseudotaxiphyllum distichaceum	A Moss	S1	G4G5		
Ptychomitrium serratum	A Moss	S1	G4?		
Ptychomitrium sinense	A Moss	S1	G3?Q		
Ptychostomum cernuum	A Moss	S1	G3G5		
Ptychostomum cyclophyllum	A Moss	S?	G4G5		
Ptychostomum pallescens	A Moss	SU	G5		
Ptychostomum pendulum	A Moss	S1	G5		
Pylaisia intricata	A Moss	SU	G5		
Pylaisiadelpha tenuirostris	A Moss	S2	G5?		
Pyramidula tetragona	A Moss	S1	G3G5		
Rhabdoweisia crispata	A Moss	S1	G5		
Rhytidium rugosum	Golden Glade-moss	S1	G5		
Rosulabryum flaccidum	A Moss	S2	GNR		
Saelania glaucescens	A Moss	S1	G5		
Schistidium liliputanum	A Moss	S1	GNR		
Seligeria calcarea	A Moss	S?	G4?		
Seligeria donniana	A Moss	S1	G4G5		
Seligeria pusilla	A Moss	S1	G3G5		
Sematophyllum marylandicum	A Moss	S1	G5		
Sphagnum affine	Sphagnum	S1	G5		
Sphagnum angustifolium	Narrowleaf Peatmoss	S1	G5		
Sphagnum bartlettianum	Sphagnum	S1	G4G5		
Sphagnum capillifolium	Northern Peatmoss	S2	G5		
Sphagnum cuspidatum	Sphagnum	S1	G5		
Sphagnum fallax	Sphagnum	S1	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
MOSSES *(Cont.)*					
Sphagnum fimbriatum var. fimbriatum	Sphagnum	S1	G5T5		
Sphagnum henryense	Sphagnum	S1	G4?		
Sphagnum inundatum	Sphagnum	S1	G4		
Sphagnum magellanicum	Magellan's Peatmoss	S1	G5		
Sphagnum platyphyllum	Sphagnum	SU	G5		
Sphagnum recurvum	Sphagnum	S1	G5		
Sphagnum russowii	Sphagnum	S1	G5		
Sphagnum subtile	Sphagnum	S2	G5		
Sphagnum trinitense	Sphagnum	S1	G4		
Syntrichia papillosa	A Moss	S2	G5		
Syrrhopodon texanus	A Moss	S2	G5		
Thamnobryum alleghaniense	A Moss	S1	G5?		
Tortella fragilis	Fragmented Screw-moss	SU	G5		
Tortella tortuosa	Twisted Moss	S1	G5		
Trematodon longicollis	A Moss	S2	G5		
Trichostomum tenuirostre var. gemmiparum	A Moss	S1	G5TU		
Ulota hutchinsiae	Hutchins' Ulota Moss	S1	G5		
Weissia jamaicensis	A Moss	S2	G5		
Weissia phascopsis	A Pygmy Moss	S1	G3G4		
Zygodon apiculatus	A Moss	S1	G5TU		
Zygodon rupestris	A Moss	S1	G5TNR		
Total Moss Taxa: 122					
FERNS AND FERN ALLIES					
Asplenium bradleyi	Bradley's Spleenwort	SU	G4		
Asplenium montanum	Mountain Spleenwort	SH	G5		
Asplenium pinnatifidum	Lobed Spleenwort	SU	G4		
Asplenium trichomanes ssp. trichomanes	Maidenhair Spleenwort	SU	G5T5		
Azolla caroliniana	Eastern Mosquito Fern	S1S3	G5		
Botrychium biternatum	Few-lobed Grape Fern	S1	G5		
Cystopteris tenuis	A Bladderfern	S1	G5		
Dryopteris carthusiana	Spinulose Shield Fern	S2	G5		
Dryopteris celsa	Log Fern	S1	G4		
Dryopteris cristata	Crested Fern	S1	G5		
Dryopteris goldieana	Goldie's Fern	S2	G5		
Dryopteris intermedia	Evergreen Woodfern	S1	G5		
Huperzia porophila	Fir Clubmoss	S2	G4		
Isoetes engelmannii var. engelmannii	Engelmann's Quillwort	S1?	G4TNRQ		
Lorinseria areolata	Netted Chain Fern	S2	G5		
Lycopodium dendroideum	Round-branched Ground Pine	S1	G5		
Lycopodium tristachyum	Ground Cedar	S1	G5		
Matteuccia struthiopteris var. pensylvanica	Ostrich Fern	S2	G5T5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FERNS AND FERN ALLIES *(Cont.)*					
Myriopteris alabamensis	Alabama Lip-fern	S1	G5		
Myriopteris tomentosa	Woolly Lip-fern	S1	G5		
Ophioglossum crotalophoroides	Bulbous Adder's-tongue	SH	G5		
Ophioglossum petiolatum	Stalked Adder's-tongue	SX	G5		
Pellaea glabella var. missouriensis	Missouri Cliffbrake	S1S2	G5T1T2		
Pilularia americana	American Pillwort	SU	G4?		
Pteridium aquilinum var. pseudocaudatum	Bracken	SU	G5T5		
Sitobolium punctilobulum	Hay-scented Fern	S2	G5		
Thelypteris noveboracensis	New York Fern	S1	G5		
Woodsia obtusa ssp. occidentalis	Blunt-lobe Woodsia	S1	G5T4		
Total Fern and Fern Allies Taxa: 28					
FLOWERING PLANTS					
Acalypha deamii	Large Seeded Mercury	S2	G4?		
Aconitum uncinatum	Southern Monkshood	S1	G4		
Agalinis auriculata	Auriculate False Foxglove	S3	G3		
Agalinis heterophylla	Prairie False Foxglove	S1	G4G5		
Agalinis purpurea	Purple False Foxglove	S2	G5		
Agalinis viridis	Green False Foxglove	S1	G4?		
Agastache scrophulariifolia	Purple Giant-hyssop	S1	G4		
Agrimonia gryposepala	Tall Agrimony	SU	G5		
Agrostis scabra	Rough Bentgrass	S1	G5		
Allium burdickii	Wild Leek	S2	G5T5		
Alopecurus aequalis	Floating Foxtail Grass	S2	G5		
Amorpha nitens	Shining False Indigo	S1	G4		
Amsonia ciliata var. filifolia	Ciliate Blue Star	S2S3	G5?T4?		
Andropogon hallii	Sand Bluestem	S1	G4		
Andropogon hirsutior	Bushy Bluestem	SU	G5		
Anemone cylindrica	Thimbleweed	S2	G5		
Anemone quinquefolia var. quinquefolia	Wood Anemone	S1	G5T5		
Anticlea glauca	White Camas	S2	G5T4T5		
Aralia nudicaulis	Wild Sarsaparilla	S2	G5		
Aristida adscensionis	Sixweeks Three-awn	SH	G5		
Aristida desmantha	Curly Three-awn	S2	G5		
Aristida lanosa	Woollyleaf Three-awn	S1	G5		
Aristida ramosissima	Slender Three-awn	SH	G5		
Aronia melanocarpa	Black Chokeberry	S1	G5		
Artemisia dracunculus	A Wormwood	SH	G5		
Arundinaria gigantea	Giant Cane	S3S4 WL	G5		
Asclepias exaltata	Poke Milkweed	S1	G5		
Asclepias meadii	Mead's Milkweed	S2	G2	E	T
Asclepias speciosa	Showy Milkweed	SA	G5		
Astragalus lotiflorus	Low Milk Vetch	S2	G5		
Astranthium ciliatum	Western Daisy	S2	G5T5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Baptisia sphaerocarpa	Round-fruited Yellow Wild Indigo	SU	G4G5		
Bartonia paniculata ssp. paniculata	Screwstem	S1	G5T5		
Bartonia virginica	Yellow Bartonia	S1	G5		
Berberis canadensis	American Barberry	S1	G3G4		
Bergia texana	Bergia	S2	G5		
Berula erecta var. incisa	Cut-leaved Water-parsnip	S1	G4G5T4T5		
Bidens beckii	Water Marigold	SU	G5		
Bidens laevis	A Beggar's Tick	S1	G5		
Bolboschoenus maritimus ssp. paludosus	Bayonet Grass	S1	G5T5		
Boltonia decurrens	Decurrent False Aster	S1	G2G3	E	T
Bouteloua gracilis	Blue Grama	S1	G5		
Bouteloua hirsuta var. hirsuta	Hairy Grama	S2	G5T5		
Bromus latiglumis	A Brome	S3	G5		
Buchloe dactyloides	Buffalo Grass	S1	G4G5		
Calamagrostis porteri ssp. insperata	Oferhollow Reed Grass	S3	G4T3		
Calamagrostis stricta ssp. inexpansa	Northern Reedgrass	S2S3	G5T5		
Calamovilfa longifolia var. longifolia	Long-leaved Reed Grass	SH	G5T5		
Callicarpa americana	French Mulberry	S1	G5		
Callirhoe bushii	Bush's Poppy Mallow	S1	G3		
Callirhoe triangulata	Clustered Poppy Mallow	SH	G3		
Callitriche palustris	Vernal Water Starwort	SU	G5		
Calopogon oklahomensis	Grass Pink Orchid	S3	G2		
Calopogon tuberosus	Grass Pink Orchid	S2	G5		
Caltha palustris	Marsh Marigold	S1	G5		
Campanula rotundifolia	Harebell	S1	G5		
Carex abscondita	A Sedge	S1	G5		
Carex alata	Broadwing Sedge	S2S3	G5?		
Carex albicans var. australis	Bellow Beaked Sedge	S1	G5T5?		
Carex albolutescens	Greenish-white Sedge	S1S2	G5		
Carex aquatilis var. substricta	A Sedge	SH	G5T5		
Carex atherodes	Awned Sedge	SH	G5		
Carex atlantica ssp. atlantica	A Sedge	S1	G5T5		
Carex atlantica ssp. capillacea	Prickly Bog Sedge	S1	G5T5		
Carex bromoides ssp. bromoides	A Sedge	S2	G5T5		
Carex buxbaumii	Brown Bog Sedge	S2	G5		
Carex communis var. communis	Fibrous-root Sedge	S2	G5T5		
Carex comosa	Bristly Sedge	S2	G5		
Carex conoidea	Field Sedge	S1	G5		
Carex cumberlandensis	A Sedge	S2S3	GNR		
Carex debilis var. debilis	White-edge Sedge	S1	G5T5		
Carex decomposita	Epiphytic Sedge	S3	G3G4		
Carex echinodes	A Sedge	SH	G4		
Carex fissa var. fissa	A Sedge	S1	G4?T3T4		
Carex flaccosperma	A Sedge	S2	GNR		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Carex gigantea	Giant Sedge	S1	G4		
Carex gracillima	Graceful Sedge	S1	G5		
Carex inops ssp. heliophila	Sun Sedge	SU	G5T5		
Carex joorii	Cypress-swamp Sedge	SH	G4G5		
Carex lacustris	Lake-bank Sedge	S2	G5		
Carex lasiocarpa	Woollyfruit Sedge	S1	G5		
Carex laxiculmis var. laxiculmis	A Sedge	SU	G5T5?		
Carex laxiflora	A Carex	S1	G5		
Carex longii	Greenish-white Sedge	SH	G5		
Carex microdonta	A Sedge	S1	G4		
Carex missouriensis	Missouri Sedge	SU	G4		
Carex molestiformis	A Sedge	S2	G4		
Carex oxylepis	Sharp-scale Sedge	S3	G5?		
Carex pedunculata	Long-stalked Sedge	S1	G5		
Carex prasina	Drooping Sedge	S1	G5		
Carex reniformis	Reniform Sedge	S1	G4?		
Carex reznicekii	A Sedge	S2?	G4		
Carex sartwellii	Sartwell's Sedge	S1	G5		
Carex scabrata	Rough Sedge	SH	G5		
Carex socialis	A Sedge	S2	G4		
Carex sprengelii	Longbeak Sedge	S2	G5		
Carex sterilis	A Sedge	S2	G5		
Carex straminea	Straw Sedge	S1	G4		
Carex sychnocephala	A Sedge	S1	G5		
Carex tetanica	Rigid Sedge	S3	G5		
Carex tonsa var. rugosperma	Shaved Sedge	S1	G5T5		
Carex tonsa var. tonsa	Shaved Sedge	SH	G5T5		
Carex triangularis	Triangular Sedge	S2	G5		
Carex trichocarpa	Hairy-fruited Sedge	S1	G5		
Carex vesicaria var. monile	A Sedge	S2?	G5T4		
Carex willdenowii	Willdenow's Sedge	S1	G5?		
Carex woodii	A Sedge	S1	G4		
Carya pallida	Sand Hickory	S2S3	G5		
Castanea ozarkensis	Ozark Chinquapin	S2	GNR		
Castanea pumila	Chinquapin	SH	G5?		
Castilleja purpurea var. purpurea	Purple Paintbrush	SH	G5T4?		
Castilleja sessiliflora	Downy Painted Cup	S2	G5		
Cayaponia quinqueloba	A Gourd	S1	G4		
Centrosema virginianum	Coastal Butterfly-pea	SH	G5		
Ceratophyllum echinatum	Coontail	S1?	G4		
Chaetopappa asteroides var. asteroides	Common Leastdaisy	S2S3	G5T3T5		
Chasmanthium laxum ssp. laxum	Slender Spike Grass	S1	G5		
Chasmanthium sessiliflorum	A Spike Grass	S1	G5		
Chelone speciosa	Rose Turtlehead	S2	GNR		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Chenopodium berlandieri var. boscianum	Pitseed Goosefoot	SU	G5T4		
Chenopodium strictum	A Goosefoot	SH	G5		
Chimaphila maculata	Spotted Wintergreen	S1	G5		
Cicuta bulbifera	Bulblet-forming Water Hemlcok	S1	G5		
Cicuta maculata var. bolanderi	Common Water Hemlock	SU	G5T3T4		
Cirsium hillii	Hill's Thistle	SH	G3		
Cirsium undulatum	Wavy-leaved Thistle	S1	G5		
Cissus trifoliata	Marine Vine	S2	G5		
Cladium jamaicense	Jamaica Swamp Sawgrass	S1	G5T5		
Clematis fremontii	Fremont's Leather Flower	S3	G5		
Clematis viorna	A Leatherflower	S1	G5		
Cleome serrulata	Rocky Mountain Bee Plant	SH	G5		
Coeloglossum viride	Long-bracted Orchid	S1	G5		
Coelorachis cylindrica	Joint Grass	S1	G4G5		
Coleataenia longifolia ssp. longifolia	Panicgrass	SU	G5T5?		
Conyza canadensis var. pusilla	Fleabane	S3	G5T5		
Corispermum americanum	American Bugseed	SU	G5?		
Corispermum pallasii	A Bugseed	SH	G4?		
Corispermum villosum	Oriental Tick-seed	SU	G4?		
Corydalis aurea ssp. aurea	Golden Corydalis	SU	G5T5		
Corydalis micrantha ssp. australis	A Corydalis	S2	G5T5?		
Crataegus berberifolia var. berberifolia	Barberry-leaved Hawthorn	SU	G5T4		
Crataegus collina var. lettermanii	Hillside Hawthorn	SU	GNRTNR		
Crataegus collina var. sordida	Hillside Hawthorn	SU	GNRTNR		
Crataegus fecunda	St. Clair Hawthorn	SU	GXC		
Crataegus lanuginosa	Woolly Hawthorn	SU	GHC		
Crataegus macrosperma	Eastern Hawthorn	SU	G5		
Crataegus margarettae var. brownii	Margaret's Hawthorn	SU	G5?TNR		
Crataegus marshallii	Parsley Haw	S1	G5		
Crataegus nitida	A Hawthorn	S1	G2G3		
Crataegus pruinosa var. magnifolia	Frosty Hawthorn	SU	G5T1T2		
Crataegus schuettei	Royal Hawthorn	SU	G5?		
Crataegus spathulata	A Hawthorn	S1	G5		
Crataegus spes-aestatum	Summers Hawthorn	SU	GNR		
Crataegus succulenta var. succulenta	Succulent Hawthorn	SU	G5T5		
Crataegus texana var. dasyphylla	Texas Red Hawthorn	SU	G3G4TUQ		
Crataegus transmississippiensis	A Hawthorn	SU	GNR		
Crataegus viridis var. nitens	Green Hawthorn	SU	G5TNR		
Croton michauxii	Narrowleaf Rushfoil	S1	G5		
Cuscuta obtusiflora var. glandulosa	Peruvian Dodder	SU	G5T4T5		
Cyclachaena xanthiifolia	A Marsh Elder	S1	G5		
Cynosciadium digitatum	Finger Dog-shade	S2	G4G5		
Cyperus compressus	Coco Grass	S1	G5		
Cyperus croceus	Baldwin's Cyperus	S1	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Cyperus diandrus	Umbrella Flatsedge	S1	G5?		
Cyperus flavicomus	An Umbrella Sedge	S1	G5		
Cyperus hystricinus	Flatsedge	S2	G4		
Cyperus plukenetii	Plukenet's Cyperus	S2	G5		
Cyperus retroflexus	Umbrella Sedge	S1	G5		
Cyperus retrofractus	Teasel-like Cyperus	S1S2	G5		
Cyperus retrorsus	An umbrella sedge	SH	G5		
Cyperus schweinitzii	Schweinitz's Flatsedge	S3	G5		
Cyperus setigerus	Bristled Cyperus	S1	G3G5		
Cypripedium candidum	Small White Lady-slipper	S1	G3G4		
Cypripedium reginae	Showy Lady-slipper	S2S3	G4G5		
Dalea enneandra	Nine-anther Dalea	S2	G5		
Dalea gattingeri	Gattinger Prairie-clover	S1	G3		
Dalea multiflora	Round-headed Prairie Clover	SH	G5		
Dalea villosa var. villosa	Silky Prairie Clover	SU	G5T5		
Decodon verticillatus	Swamp Loosestrife	S1	G5		
Delphinium exaltatum	Tall Larkspur	S3	G3		
Descurainia pinnata ssp. pinnata	Tansy Mustard	S2S3	G5T5		
Desmodium ochroleucum	Creamflower Tick Trefoil	SH	G2G3		
Desmodium strictum	Pineland Tick Trefoil	S2	G4		
Desmodium viridiflorum	Velvety Tick Trefoil	S1	G5?		
Diarrhena americana	American Beakgrain	S1	G4G5		
Dichanthelium bicknellii	Bicknell's Witchgrass	S1	G4?Q		
Dichanthelium dichotomum ssp. mattamuskeetense	A Panic Grass	S1	G4?		
Dichanthelium dichotomum var. nitidum	A Panic Grass	S1	G5TNR		
Dichanthelium leibergii	A Panic Grass	SU	G4		
Dichanthelium yadkinense	A Panic Grass	S1	G5T4Q		
Dichondra carolinensis	Pony-foot Grass	S1	G5		
Dirca decipiens	Leatherwood	SU	G1G2		
Distichlis spicata	Seashore Salt Grass	S1	G5		
Doellingeria umbellata var. pubens	Flat-topped White Aster	S1	G5T5		
Echinacea angustifolia	Narrow-leaved Coneflower	S1	G5		
Echinochloa walteri	A Barnyard Grass	S1	G5		
Elatine triandra var. americana	Waterwort	SH	G4		
Eleocharis atropurpurea	A Spike Rush	S1	G4G5		
Eleocharis bifida	Glades Spikerush	S1	G3G4		
Eleocharis coloradoensis	Dwarf Spikerush	S1	G4		
Eleocharis elliptica	Elliptic Spikesedge	S1	G5		
Eleocharis equisetoides	Horsetail Spike Rush	SH	G4		
Eleocharis lanceolata	Lance-like Spike Rush	S2	G4G5		
Eleocharis parvula	Small Spike Rush	SU	G5		
Elodea canadensis	Broad Waterweed	SU	G5		
Elymus churchii	Church's Wildrye	S1	G3		
Elymus glaucus ssp. mackenziei	Ozark Blue Wild Rye	SU	G5T2		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Epifagus virginiana	Beech Drops	S2	G5		
Epilobium leptophyllum	Willow Herb	S1	G5		
Eragrostis curtipedicellata	Gummy Lovegrass	S1	G5		
Eragrostis glomerata	A Love Grass	S1	G3G5		
Eragrostis reptans	Creeping Love Grass	SH	G5		
Erianthus giganteus	Plume Grass	S1	G5		
Erianthus strictus	Narrow Plumegrass	SH	G5		
Eriogonum longifolium var. longifolium	Umbrella Plant	S2	G4T4		
Erysimum capitatum var. capitatum	Western Wallflower	S3?	G5TNR		
Erythranthe geyeri	Roundleaf Monkey Flower	SH	GNR		
Euonymus americanus	Strawberry Bush	S2	G5		
Eupatorium album	White Thoroughwort	SU	G5		
Eupatorium maculatum var. bruneri	Spotted Joe-pye Weed	S1	G5T5		
Eupatorium rotundifolium var. scabridum	A Thoroughwort	S1?	G5T3T5		
Eupatorium semiserratum	A Thoroughwort	S1S2	G5		
Euphorbia geyeri var. geyeri	Geyer's Spurge	S1	G5T5		
Euphorbia ouachitana	A Spurge	SU	G3		
Eurybia furcata	Forked Aster	S2	G3		
Eurybia macrophylla	Big-leaved Aster	S2	G5		
Festuca sororia	A Fescue	SH	G4		
Filipendula rubra	Queen of the Prairie	S2	G4G5		
Fimbristylis perpusilla	Harper's Fimbry	SH	G2		
Floerkea proserpinacoides	False Mermaid	S3	G5		
Fragaria vesca	Woodland Strawberry	S1	G5		
Fraxinus biltmoreana	Biltmore Ash	SU	G5		
Fuirena simplex var. aristulata	An Umbrella Grass	S2?	G5T4		
Gaillardia aestivalis var. flavovirens	A Blanket Flower	SH	G5T3T5		
Galium boreale	Northern Bedstraw	S2	G5		
Gaylussacia baccata	Black Huckleberry	S1	G5		
Gentiana andrewsii var. andrewsii	Closed Gentian	S1	G5T4		
Geocarpon minimum	Geocarpon	S2	G2	E	T
Geum fragarioides	Barren Strawberry	S2	G5		
Gillenia trifoliata	Indian Physic	SH	G4G5		
Glyceria acutiflora	Sharp-scaled Manna Grass	S3	G5		
Glyceria septentrionalis var. arkansana	Eastern Manna Grass	SU	G4		
Glycyrrhiza lepidota	Wild Licorice	S1	G5		
Gratiola viscidula	Hedge Hyssop	S1	G4G5		
Grindelia ciliata	A Goldenweed	S1	G4G5		
Helanthium tenellum	Dwarf Burhead	S1	G5?		
Helenium virginicum	Virginia Sneezeweed	S3	G3	E	T, PDL
Helianthemum canadense	A Rockrose	SU	G5		
Helianthus angustifolius	Swamp Sunflower	S2	G5		
Helianthus decapetalus	Thin-leaved Sunflower	SU	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Heliotropium curassavicum var. curassavicum	Seaside Heliotrope	S1	G5T5		
Heteranthera reniformis	Mud Plantain	SU	G5		
Heterotheca canescens	Hoary Golden Aster	SH	G5?		
Heuchera puberula	Little Leaved Alum Root	S2	G3		
Heuchera villosa	Little Leaved Alum Root	S1	G5		
Hottonia inflata	Featherfoil	S2	G4		
Houstonia canadensis	Canadian Summer Bluet	S1	G4G5		
Houstonia rosea	Rose Bluets	SH	G5		
Hydrocotyle ranunculoides	Floating Pennywort	S1S2	G5		
Hydrocotyle verticillata	Water Pennywort	S1	G5		
Hydrolea ovata	Ovate Fiddleleaf	S2	G5		
Hypericum adpressum	Creeping St. John's-wort	S1	G3		
Hypericum lobocarpum	A St. John's Wort	S1	G4Q		
Hypericum majus	Greater St. John's-wort	SH	G5		
Hypericum pyramidatum	Great St. John's-wort	S1	G5T5		
Ilex verticillata	Winterberry	S3	G5		
Isolepis molesta	Gulf Coast Bulrush	SH	G4?		
Isotria medeoloides	Small Whorled Pogonia	SH	G2G3	E	T
Isotria verticillata	Large Whorled Pogonia	S1S2	G5		
Juglans cinerea	Butternut	SU	G3		
Juncus alpinoarticulatus	Richardson Rush	SH	G5		
Juncus balticus var. littoralis	Baltic Rush	S1	G5T5		
Juncus brachyphyllus	Small-headed Rush	S3	G5		
Juncus bufonius var. bufonius	Toad Rush	S1	G5T5		
Juncus canadensis	Canada Rush	S1	G5		
Juncus debilis	Weak Rush	S1	G5		
Juncus dichotomus	Forked Rush	S1	G5		
Juncus filipendulus	Ringseed Rush	SU	G5		
Juncus nodosus	Knotted Rush	SH	G5		
Juncus validus	A Rush	S1	G3G5		
Justicia ovata var. lanceolata	A Water Willow	S2	G5T4T5		
Kellochloa verrucosa	Warty Panicgrass	S1	G5		
Lactuca ludoviciana	Western Lettuce	S1	G4G5		
Lactuca tatarica ssp. pulchella	Blue Lettuce	S1	G5T5		
Lathyrus pusillus	A Wild Pea	SH	G5?		
Lathyrus venosus	Bushy Vetchling	SU	G5		
Leavenworthia torulosa	Necklace Goldcress	SU	G4		
Lechea racemulosa	Illinois Pinweed	SH	G5		
Leitneria pilosa ssp. ozarkana	Corkwood	S2	G2G3T2T3		
Lemna obscura	A Duckweed	SU	G5		
Lemna trisulca	Star Duckweed	S2	G5		
Lemna turionifera	A Duckweed	SH	G5		
Liatris punctata var. punctata	A Blazing Star	S3	G5T5		
Liatris scariosa var. nieuwlandii	A Blazing Star	S2	G4T4		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Liatris spicata	Button Snakeroot	SX	G5		
Lilium philadelphicum var. andinum	Wood Lily	S1	G5T4T5		
Lilium superbum	Turk's Cap Lily	S1	G5		
Limnobium spongia ssp. spongia	American Frogbit	S2	G4		
Limnosciadium pinnatum	Pinnate Dogshade	S1	G5?		
Limosella aquatica	Mudwort	SH	G5		
Lindera melissifolia	Pondberry	S1	G3	E	E
Linum floridanum var. floridanum	Florida Yellow Flax	SU	G5?T5?		
Liparis loeselii	Loesel's Twayblade	S2	G5		
Lipocarpha aristulata	Lipocarpha	SH	G4G5		
Lipocarpha drummondii	A Lipocarpha	S1	G4G5		
Lippia nodiflora	Fog Fruit	SH	G5		
Listera australis	Southern Twayblade	S1	G5		
Lithospermum latifolium	American Gromwell	S2	G4		
Lobelia puberula	Downy Lobelia	SH	G5		
Lomatium foeniculaceum ssp. foeniculaceum	Hairy Parsley	S1S3	G5T5		
Ludwigia glandulosa ssp. glandulosa	Cylindricfruit Primrose-willow	S2	G5T5		
Ludwigia leptocarpa	Primrose Willow	S2	G5		
Ludwigia linearis	Narrow-leaved Primrose	S1	G5		
Ludwigia microcarpa	A False Loosestrife	S2	G5		
Ludwigia repens	A False Loosestrife	SRF	G5		
Lycopus asper	Bugle Weed	SH	G5		
Lycopus uniflorus	Northern Bugleweed	S1	G5		
Lygodesmia juncea	Skeleton Plant	S3	G5		
Lyonia mariana	Stagger Bush	SH	G5		
Lysimachia terrestris	Swamp Candle	S1	G5		
Lysimachia thyrsiflora	Tufted Loosestrife	S1	G5		
Maianthemum stellatum	Starry False Solomon's Seal	SU	G5		
Malus angustifolia	Narrow-leaved Wild Crab	S2	G5		
Marshallia caespitosa var. caespitosa	Barbara's Buttons	S3	G4T4		
Marshallia caespitosa var. signata	Barbara's Buttons	S1	G4T4		
Mecardonia acuminata	Water Hyssop	S1	G5		
Medeola virginiana	Indian Cucumber-root	SH	G5		
Melica mutica	Two-flowered Melic Grass	S1	G5		
Melothria pendula	Creeping Cucumber	S3	G5?		
Menyanthes trifoliata	Bogbean	S1	G5		
Micranthes palmeri	Palmer's saxifrage	S1	GNR		
Mimosa strigillosa	Powderpuff	S1	G4G5		
Minuartia muscorum	Dixie Stitchwort	S1	GNR		
Mirabilis linearis var. linearis	Narrow-leaved Four-o'clock	SU	G5TNR		
Mitreola petiolata	Miterwort	S1	G5		
Moehringia lateriflora	Grove Sandwort	S2S3	G5		
Monarda clinopodia	A Horsemint	S1	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Monarda punctata var. arkansana	Arkansas Bee Balm	SA	G5T3		
Monarda punctata var. occidentalis	Dotted Monarda	SA	G5T4T5		
Monarda punctata var. villicaulis	Horsemint	S3	G5T5?		
Muhlenbergia asperifolia	Scratchgrass	S1	G5		
Muhlenbergia cuspidata	Plains Muhly	SU	G5		
Muhlenbergia glabrifloris	Inland Muhly	SU	G4?		
Najas flexilis	A Naiad	SH	G5		
Najas gracillima	Thread-like Naiad	S2	G4G5		
Nemastylis geminiflora	Prairie Iris	S2	G4		
Neviusia alabamensis	Snow Wreath	SH	G3		
Nothocalais cuspidata	Prairie Dandelion	S2	G5		
Nyssa biflora	Swamp Black Gum	SH	G5		
Obolaria virginica	Virginia Pennywort	S2	G5		
Oenothera clelandii	Evening Primrose	S2	G3G5		
Oenothera fruticosa ssp. fruticosa	Shrubby Sundrops	S1	G5T5		
Oenothera fruticosa ssp. glauca	Shrubby Sundrops	SH	G5T5		
Oenothera glaucifolia	Stenosiphon	S2	G5		
Oenothera grandis	Cut-leaved Evening Primrose	SU	G5?		
Oenothera nutans	Nodding Evening Primrose	S1S2	G4		
Oenothera parviflora	Northern Evening Primrose	SU	G5		
Oenothera perennis	Small Sundrops	S1	G5		
Oenothera rhombipetala	An Evening Primrose	SH	G4G5		
Oenothera suffrutescens	Scarlet Gaura	S1	G5		
Oenothera triloba	Stemless Evening Primrose	S2	G4		
Oldenlandia boscii	A Bluet	S1	G5		
Oldenlandia uniflora	Clustered Bluets	S1	G5		
Opuntia macrorhiza var. macrorhiza	Low Prickly Pear	S2	G5T5		
Orobanche ludoviciana	A Broomrape	S1	GNR		
Orobanche riparia	A Broomrape	S1	G4?		
Oxytropis lambertii var. lambertii	Locoweed	S2	G5TNR		
Packera tomentosa	Hairy Groundsel	S1	G4G5		
Palustricodon aparinoides	Marsh Bellflower	S1	G5		
Paronychia virginica	Virginia Whitlow Wort	S1	G4		
Paspalum bifidum	Pitchfork Paspalum	S1	G5		
Paspalum dissectum	Mudbank Paspalum	SH	G4?		
Paspalum setaceum var. setaceum	Slender Paspalum	S1	G5T5		
Patis racemosa	Black-seeded Mountain Rice	S1	G5		
Pediomelum argophyllum	Silvery Psoralea	S2	G5		
Peltandra virginica	Arrow Arum	S2	G5		
Penstemon cobaea var. purpureus	Purple Beard-tongue	S3	G4TNRQ		
Penstemon grandiflorus	Large Beard-tongue	S1	G5?		
Penstemon tenuis	Gulf Coast Beard-tongue	SU	G4		
Perideridia americana	Wild Dill	S2	G4		
Persicaria amphibia var. stipulacea	Water Smartweed	S1	G5T5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Persicaria arifolia	Halberd-leaved Tear Thumb	S1	G5		
Persicaria bicornis	Pink Smartweed	SU	GNR		
Persicaria glabra	Dense-flower Smartweed	S1S2	G5		
Persicaria robustior	Dotted Smartweed	SH	G5		
Phacelia covillei	Coville's Phacelia	S1	G3		
Philadelphus pubescens	Mock Orange	S1	G5?		
Phlox amplifolia	Large-leaved Phlox	S3?	G3G5		
Phlox bifida	Bifid Phlox	S2S3	G5?		
Phlox maculata ssp. pyramidalis	Wild Sweet William	S2	G5T4T5		
Phyllanthus polygonoides	Knotweed Leaf-flower	S1	G5		
Physalis grisea	Strawberry-tomato	SU	G5		
Physalis missouriensis	Missouri Groundcherry	S1	G2		
Physaria filiformis	Missouri Bladderpod	S3	G3	E	T
Physostegia intermedia	A False Dragonhead	S1	G5		
Pilea fontana	Black-fruited Clearweed	S1	G5?		
Planera aquatica	Water Elm	SU	G5		
Plantago heterophylla	Slender Plantain	SU	G5		
Plantago patagonica	Woolly Plantain	S2	G5		
Platanthera ciliaris	Yellow-fringed Orchid	S1	G5		
Platanthera clavellata	Green Wood Orchid	S2	G5		
Platanthera flava var. flava	Pale Green Orchid	S2	G5T4?Q		
Platanthera flava var. herbiola	Northern Rein Orchid	S2	G5T5		
Platanthera leucophaea	Eastern Prairie Fringed Orchid	S1	G2G3	E	T
Platanthera praeclara	Western Prairie Fringed Orchid	S1	G3	E	T
Platanthera psycodes	Small Purple-fringed Orchid	SX	G5		
Plectocephalus americanus	American basket flower	SH	G5		
Pluchea foetida var. foetida	March Fleabane	SH	G5T5		
Pogonia ophioglossoides	Snake-mouth Orchid	S1	G5		
Polygonum americanum	Jointweed	S2	G5		
Polymnia laevigata	Smooth Leaf-cup	SX	G3		
Populus grandidentata	Big-toothed Aspen	S1	G5		
Populus tremuloides	Quaking Aspen	S2	G5		
Potamogeton epihydrus	Nuttall Pondweed	SH	G5		
Potamogeton pulcher	Spotted Pondweed	S2S3	G5		
Potamogeton pusillus var. pusillus	Slender Pondweed	S3	G5T5		
Potentilla supina ssp. paradoxa	Bushy Cinquefoil	S2	G5T5		
Prenanthes racemosa	Rattlesnake Root	SH	G5		
Primula fassettii	Amethyst Shooting Star	S2	G4		
Primula frenchii	French's Shooting Star	S1	G3?		
Proserpinaca palustris var. palustris	Mermaid Weed	SU	G5T5		
Pseudognaphalium helleri	Heller's Cudweed	SU	G4G5		
Pseudognaphalium micradenium	Rabbit Tobacco	SH	G4G5T3?		
Ptilimnium capillaceum	Mock Bishop's Weed	SH	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Pycnanthemum muticum	Blunt Mountain Mint	S2	G5		
Pycnanthemum torreyi	Torrey's Mountain Mint	SH	G2		
Quercus ellipsoidalis	Northern Pin Oak	S1	G5		
Quercus margarettiae	Sand Post Oak	SRF	G5		
Quercus nigra	Water Oak	S2	G5		
Quercus prinoides	Dwarf Chinquapin Oak	S3?	G5		
Quercus texana	Nuttall's Oak	S2	G4G5		
Ranunculus cymbalaria	Seaside Crowfoot	SH	G5		
Rhynchosia difformis	Double-formed Snoutbean	S1	G5?		
Rhynchospora globularis var. globularis	Globe Beaksedge	S1	G5?T5?		
Rhynchospora glomerata	Clustered Beaksedge	SU	G5		
Rhynchospora harveyi	Harvey's Beak-rush	S1	G4		
Rhynchospora macrostachya	Horned Rush	S1	G4		
Rhynchospora scirpoides	Longbeak Beaksedge	SU	G4		
Rhynchospora stiletto	Stiletto Sedge	S1	G2		
Ribes americanum	Gooseberry	S1	G5		
Rorippa aquatica	Lake Cress	S2	G4?		
Rorippa tenerrima	Modoc Yellowcress	S1	G5		
Rosa blanda	Smooth Rose	S1	G5		
Rosa foliolosa	White Prairie Rose	S1	G5		
Rubus heterophyllus	A Blackberry	SU	GNR		
Rubus rosa	Rose Blackberry	SU	GNR		
Rubus satis	Ithaca Blackberry	SU	G4G5Q		
Rudbeckia amplexicaulis	Clasping Leaved Coneflower	S1	G5		
Rudbeckia bicolor	Pine-woods Coneflower	S1	G3G5		
Rudbeckia grandiflora var. grandiflora	Rough Coneflower	S1	G5T4?		
Ruppia maritima	Ditch Grass	S1	G5		
Sabatia brachiata	Marsh Pink	S1	G5?		
Sacciolepis striata	American Cupscale	S1	G5		
Sagittaria ambigua	Kansas Arrowhead	S1	G2		
Sagittaria platyphylla	Ovate-leaved Arrowhead	S1	G5		
Salix discolor	Pussy Willow	S1	G5		
Salix famelica	Diamond Willow	SU	G5		
Salix petiolaris	Meadow Willow	SH	G5		
Sambucus racemosa ssp. pubens	Red-berried Elderberry	S1	G5T5		
Sanicula smallii	Black Snakeroot	SH	G5		
Sapindus saponaria var. drummondii	Soapberry	S2	G5T5		
Schoenoplectiella hallii	Hall's Bulrush	S2	G3		
Schoenoplectiella purshiana	Weakstalk Bulrush	S2	G4G5		
Schoenoplectiella saximontana	Rocky Mountain Bulrush	S1	G5		
Schoenoplectus americanus	Olney's Bulrush	SH	G5		
Schoenoplectus californicus	Giant Bulrush	S1	G5		
Schoenoplectus deltarum	Delta Bulrush	SH	G3G4		
Schoenoplectus etuberculatus	Canby's Bulrush	SH	G3G4		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Schoenoplectus heterochaetus	Giant Bulrush	SU	G5		
Schoenoplectus subterminalis	Swaying Rush	S1	G5		
Schoenoplectus torreyi	Torrey's Bulrush	SH	G4		
Scirpus divaricatus	A Bulrush	SH	G4		
Scirpus pallidus	Pale Bulrush	S2	G5		
Scirpus pedicellatus	A Bulrush	S2	G4		
Scleria reticularis var. pubescens	Muhlenberg's Nut-rush	S1	G5		
Scrophularia lanceolata	Early Figwort	SH	G5		
Scutellaria elliptica var. hirsuta	Hairy Skullcap	SH	G5T5		
Scutellaria galericulata	Marsh Skullcap	S1	G5		
Senega mariana	Maryland Milkwort	S1	G5		
Sida elliottii	Elliott Sida	S1	G4G5		
Sisyrinchium atlanticum	Eastern Blue-eyed Grass	S2	G5		
Smilax illinoensis	Carrion Flower	S1	G4?		
Solanum elaeagnifolium	White Horse Nettle	SU	G4G5		
Solidago delicatula	Thin Leaved Goldenrod	S1	G4		
Solidago jejunifolia	Long-petioled Showy Goldenrod	S1	G5TNR		
Solidago riddellii	Riddell's Goldenrod	S3	G5		
Solidago rigida ssp. humilis	Stiff Goldenrod	SU	G5T5		
Spermolepis diffusa	Rough-fruit Spermolepis	S1	GNR		
Sphenopholis pensylvanica	Swamp Oats	SH	G4		
Spiraea alba var. alba	Meadow-sweet	S1	G5T5		
Spiraea tomentosa	Hardhack	S1	G5		
Spiranthes praecox	Greenvein Ladies' Tresses	S1	G5		
Sporobolus airoides	Alkali Sacaton	SH	G5		
Stachys aspera	Hedge Nettle	SH	G4?		
Steinchisma hians	Gaping Panic Grass	S3	G5		
Stylisma pickeringii var. pattersonii	A Stylisma	S1	G4T4		
Styrax grandifolius	Bigleaf Snowbell	SU	G5		
Sullivantia sullivantii	Sullivantia	S2	G4		
Symphoricarpos occidentalis	Wolfberry	S1	G5		
Symphyotrichum patens var. gracile	Spreading Aster	SU	G5T4T5		
Symphyotrichum pilosum var. pringlei	Hairy Aster	S1	G5T5		
Symphyotrichum racemosum var. subdumosum	Small White Aster	S2	G5T3T5Q		
Symphyotrichum shortii	Short's Aster	S1	G5		
Thalia dealbata	Water Canna	S2	G4		
Thelesperma filifolium	Thelesperma	S2	G4G5		
Tilia americana var. heterophylla	White Basswood	SU	G5T5		
Tipularia discolor	Cranefly Orchid	S3	G5		
Torreyochloa pallida var. pallida	Pale Manna Grass	S1	G5T5?		
Tradescantia ozarkana	Ozark Spiderwort	S2	G3		
Tragia cordata	Heart-leaved Noseburn	S2	G4		
Trautvetteria caroliniensis	False Bugbane	S2	G5		
Trepocarpus aethusae	Trepocarpus	S1	G4G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLOWERING PLANTS *(Cont.)*					
Triadenum tubulosum	Marsh St. John's Wort	S1	G4?		
Trichostema setaceum	Blue Curls	S1	G5		
Tridens flavus var. chapmanii	A Grass	S2	G5T3		
Tridens muticus var. elongatus	Slim Tridens	SH	G5T4?		
Trifolium carolinianum	Carolina Clover	S1	G5		
Trifolium stoloniferum	Running Buffalo Clover	S1	G3	E	
Trillium nivale	Snow Trillium	S3	G4		
Trillium pusillum var. ozarkanum	Ozark Wake Robin	S2	G4T3		
Triodanis holzingeri	A Venus' Looking Glass	SH	G4		
Triodanis lamprosperma	A Venus' Looking Glass	S2	G5?		
Turritis glabra	Tower Mustard	S1	G5		
Typha domingensis	Southern Cattail	S1	G4G5		
Ulmus crassifolia	Cedar Elm	S1	G5		
Ulmus thomasii	Rock Elm	S2	G4		
Urtica chamaedryoides	Weak Nettle	S1	G4G5		
Utricularia minor	Lesser Bladderwort	S1	G5		
Utricularia subulata	Slender Bladderwort	S1	G5		
Valerianella ozarkana	Ozark Corn Salad	S2	G3		
Veronica americana	American Brooklime	SH	G5		
Viburnum bracteatum	Ozark Arrow-wood	S1	G3		
Viburnum dentatum	Southern Arrow-wood	S1	G5		
Viburnum lentago	Nannyberry	S1	G5		
Viburnum molle	Soft-leaf Arrow-wood	SU	G3		
Viburnum recognitum	Northern Arrow-wood	S1	G4G5		
Vicia americana	American Vetch	S1	G5		
Vicia ludoviciana ssp. leavenworthii	Louisiana Vetch	SH	G5T5		
Vicia minutiflora	Pygmy-flowered Vetch	SH	G5		
Viola affinis	Sand Violet	S1	G5		
Viola pallens	Smooth White Violet	S2	G5T5		
Vitis rotundifolia var. rotundifolia	Muscadine	S1	G5T5		
Vitis rupestris	Rock Grape	S3S4 WL	G3		
Wolffia borealis	Dotted Watermeal	SU	G5		
Wolffia columbiana	Columbia Water-meal	SU	G5		
Wolffiella gladiata	Wolffiella	S1	G4G5		
Xyris jupicai	Yellow-eyed-grass	S1	G5		
Xyris torta	Yellow-eyed Grass	S1	G5		
Yucca arkansana	Arkansas Yucca	S2	G5		
Yucca glauca	Small Soapweed Yucca	S2	G5		
Zannichellia palustris	Horned Pondweed	S3?	G5		
Zigadenus nuttallii	Death Camas	S1	G5		
Zizania palustris var. interior	Interior Wild Rice	SH	G5T4T5		
Total Flowering Plant Taxa: 553					

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FLATWORMS					
Kenkia glandulosa	Pink Planarian	S1	G2G3		
Macrocotyla lewisi	Lewis' Cave Planarian	S1	G1		
Sphalloplana evaginata	Perryville Cave Planarian	S1	G1G2		
Sphalloplana hubrichti	Hubricht's Cave Planarian	S1	G2G4		
Total Flatworm Taxa: 4					
MOLLUSKS					
Alasmidonta marginata	Elktoe	S2	G4		
Amnicola stygius	Stygian Amnicola	S1	G1		
Anodontoides ferussacianus	Cylindrical Papershell	S1	G5		
Antrobia culveri	Tumbling Creek Cavesnail	S1	G1	E	E
Arcidens confragosus	Rock Pocketbook	S3	G4		
Campeloma crassulum	Ponderous Campeloma	SU	G5		
Cochlicopa morseana	Appalachian Pillar	S3	G5		
Cumberlandia monodonta	Spectaclecase	S3	G2	E	E
Cyprogenia aberti	Western Fanshell	S2	G1G2	E	T
Dilatata brogniartiana	Disc Sprite	SU	GNR		
Dilatata sampsoni	Sampson Sprite	S2	G2G3		
Discus nigrimontanus	Black Mountain Disc	S3	G4		
Elliptio crassidens	Elephantear	S1	G5	E	
Epioblasma curtisii	Curtis Pearlymussel	S1	G1	E	E
Epioblasma triquetra	Snuffbox	S1	G2G3	E	E
Fontigens aldrichi	Hoosier Springsnail	S4	G4		
Fontigens antroecetes	Missouri Cavesnail	S2	G2		
Fontigens proserpina	Proserpine Cavesnail	S1	G1		
Gastrocopta abbreviata	Plains Snaggletooth	S1	G4		
Gastrocopta cristata	Crested Snaggletooth	S1	G5		
Gastrocopta pellucida	Slim Snaggletooth	S1	G5		
Gastrocopta similis	Great Lakes Snaggletooth	S2	G5		
Glyphyalinia solida	Imperforate Glyph	S1	G5		
Glyphyalinia wheatleyi	Bright Glyph	S1	G5		
Hawaiia alachuana	Southeastern Gem	S1	G4G5Q		
Hendersonia occulta	Cherrystone Drop	S1	G4		
Ladislavella elodes	Marsh Pondsnail	S2	G5		
Lampsilis abrupta	Pink Mucket	S2	G1G2	E	E
Lampsilis brittsi	Northern Brokenray	S3	G3		
Lampsilis higginsii	Higgins Eye	S1	G1G2	E	E
Lampsilis rafinesqueana	Neosho Mucket	S2	G1	E	E
Lampsilis sietmani	Canary Kingshell	SU WL	GNR		
Leaunio lienosus	Little Spectaclecase	S3	G5		
Leptoxis arkansensis	Arkansas Mudalia	S1	G1		
Ligumia recta	Black Sandshell	S2	G4G5		
Lioplax sulculosa	Furrowed Lioplax	S1	G5		
Lucilla singleyanus	Smooth Coil	S1	G5		
Marstonia ozarkensis	Ozark Pyrg	SH	G1		
Marstonia scalariformis	Moss Pyrg	S1	G1		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
MOLLUSKS *(Cont.)*					
Mesodon mitchellianus	Sealed Goblet	S1	G4		
Millerelix deltoidea	Oklahoma Liptooth	SH	G2		
Neohelix divesta	Ozark Whitelip	S3	G3G4		
Obovaria arkansasensis	Southern Hickorynut	S1	G3G4		
Obovaria olivaria	Hickorynut	S3	G4		
Oxyloma retusum	Blunt Ambersnail	S1	G5		
Paravitrea simpsoni	Amber Supercoil	S1	G4		
Patera pennsylvanica	Proud Globelet	S2	G4		
Patera perigrapta	Engraved Bladetooth	S1	G5		
Plectomerus dombeyanus	Bankclimber	S3	G5		
Plethobasus cyphyus	Sheepnose	S2	G2G3	E	E
Pleurocera alveare	Rugged Hornsnail	S1S3	G3		
Potamilus capax	Fat Pocketbook	S1	G3	E	E
Potamilus leptodon	Scaleshell	S1	G1G2	E	E
Pressodonta viridis	Slippershell Mussel	S1	G4G5	E	
Ptychobranchus occidentalis	Ouachita Kidneyshell	S3	G3G4		
Pustulosa nodulata	Wartyback	S3	G4		
Quadrula fragosa	Winged Mapleleaf	S1	G1	E	E
Quadrula nobilis	Gulf Mapleleaf	SU WL	G4		
Reginaia ebenus	Ebonyshell	S1	G4G5	E	
Simpsonaias ambigua	Salamander Mussel	S1	G1G2	E	PE
Somatogyrus depressus	Sandbar Pebblesnail	S2	G2		
Somatogyrus rosewateri	Elk Pebblesnail	S1	G1		
Stenotrema blandianum	Missouri Slitmouth	S2	G2		
Stenotrema labrosum	Ozark Slitmouth	S2	G3G4		
Stenotrema stenotrema	Inland Slitmouth	S3	G5		
Strobilops affinis	Eightfold Pinecone	S1	G4		
Theliderma cylindrica	Rabbitsfoot	S1	G3	E	T
Toxolasma lividum	Purple Lilliput	S1	G3		
Toxolasma texasiense	Texas Lilliput	S3	G4		
Triodopsis cragini	Post Oak Threetooth	S1	G4		
Triodopsis discoidea	Rivercliff Threetooth	S1	G3		
Triodopsis neglecta	Ozark Threetooth	S2	G3		
Utterbackiana suborbiculata	Flat Floater	S2	G5		
Vallonia excentrica	Iroquois Vallonia	S3	G5		
Vallonia gracilicosta	Multirib Vallonia	S1	G5		
Ventridens demissus	Perforate Dome	SU	G5		
Vertigo meramecensis	Bluff Vertigo	S3	G4		
Vertigo oscariana	Capital Vertigo	S1	G4		
Zonitoides limatulus	Dull Gloss	S1	G4		
Total Mollusk Taxa: 79					
ARACHNIDS					
Apochthonius mysterius	Mystery Cave Pseudoscorpion	S1	G1G2		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
ARACHNIDS *(Cont.)*					
Apochthonius typhlus	Stone County Cave Pseudoscorpion	S1	G1G2		
Hesperochernes occidentalis	Guano Pseudoscorpion	S3	G5		
Mundochthonius cavernicola	Cavernicolous Pseudoscorpion	SU	G1G2		
Phanetta subterranea	Subterranean Cave Spider	S1	G5		
Porrhomma cavernicola	Cavernicolous Porrhomma Spider	S2	G5		
Total Arachnid Taxa: 6					
CRUSTACEANS					
Allocrangonyx hubrichti	Hubricht's Long-tailed Amphipod	S3	G3G4		
Bactrurus brachycaudus	Short-tailed Groundwater Amphipod	S4	G4		
Bactrurus hubrichti	Sword-tail Cave Amphipod	S1	G4		
Bactrurus pseudomucronatus	False Sword-tailed Cave Amphipod	S2	G2G3		
Brackenridgia ashleyi	Ashley's Isopod	S2	G1G3		
Caecidotea antricola	A Cave Obligate Isopod	S4	G5		
Caecidotea dimorpha	An Isopod	S1S3	G2G3		
Caecidotea fustis	Fustis Cave Isopod	S2	G3		
Caecidotea salemensis	Salem Cave Isopod	S2	G4		
Caecidotea serrata	Serrated Cave Isopod	S1	G1G2		
Caecidotea stiladactyla	Slender-fingered Cave Isopod	S1	G3G4		
Caecidotea stygia	Stygian Cave Isopod	S1	G5		
Cambarellus puer	Swamp Dwarf Crayfish	S3?	G5		
Cambarellus shufeldtii	Cajun Dwarf Crayfish	S3?	G5		
Cambarus aculabrum	Benton County Cave Crayfish	SP	G1		E
Cambarus hubrichti	Salem Cave Crayfish	S3	G4		
Cambarus maculatus	Freckled Crayfish	S3	G4		
Cambarus setosus	Bristly Cave Crayfish	S3	G2G3		
Crangonyx insolitus	An Amphipod	SU	G1		
Creaserinus fodiens	Digger Crayfish	S2S3	G5		
Diacyclops yeatmani	Yeatman's Groundwater Copepod	S1S3	G2G3		
Faxonella clypeata	Ditch Fencing Crayfish	S2S3	G5		
Faxonius eupunctus	Coldwater Crayfish	S1	G1	E	
Faxonius harrisonii	Belted Crayfish	S3	G3		
Faxonius lancifer	Shrimp Crayfish	S1S2	G5		
Faxonius marchandi	Mammoth Spring Crayfish	S1S2	G3		
Faxonius medius	Saddleback Crayfish	S3	G4		
Faxonius meeki meeki	Meek's Crayfish	S1	G4T4		
Faxonius neglectus chaenodactylus	Gap Ringed Crayfish	S3	G5T3T4		
Faxonius peruncus	Big Creek Crayfish	S2	G1G2	E	T
Faxonius quadruncus	St. Francis River Crayfish	S2	G1G2	E	T

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
CRUSTACEANS *(Cont.)*					
Faxonius roberti	Spring River Crayfish	SH	G1	E	
Faxonius wagneri	Eleven Point River Crayfish	S1	G1		
Faxonius williamsi	Williams' Crayfish	S2	G3		
Lacunicambarus chimera	Crawzilla Crawdad	SU	GNR		
Lacunicambarus erythrodactylus	Warpaint Mudbug	SU	GNR		
Lacunicambarus ludovicianus	Painted Devil Crayfish	SU	G5		
Lacunicambarus polychromatus	Paintedhand Mudbug	S1S2	G5		
Lirceus megapodus	An Isopod	SU	GNR		
Macrobrachium ohione	Ohio Shrimp	S1	G4		
Orconectes stygocaneyi	Caney Mountain Cave Crayfish	S1	G1	E	
Procambarus liberorum	Osage Burrowing Crayfish	S2S3	G3G4		
Procambarus viaeviridis	Vernal Crayfish	S3?	G5		
Stygobromus acicularis	An Amphipod	SU	GNR		
Stygobromus barri	Barr's Groundwater Amphipod	S1S3	G2G3		
Stygobromus clantoni	Clanton's Groundwater Amphipod	S1S3	G4		
Stygobromus gardneri	An Amphipod	SU	GNR		
Stygobromus heteropodus	Pickle Springs Amphipod	SX	G1G2		
Stygobromus onondagaensis	Onondaga Cave Amphipod	S3?	G3		
Stygobromus ozarkensis	Ozark Cave Amphipod	S3?	G4		
Stygobromus subtilis	Subtle Groundwater Amphipod	S1S3	G2		
Triops longicaudatus	Longtail Tadpole Shrimp	SU	G5		
Total Crustacean Taxa: 52					
MILLIPEDES					
Causeyella dendropus	Causeyella Cave Millipede	S2	G3		
Chaetaspis aleyorum	Aleys' Cave Millipede	S1	G1		
Tingupa pallida	Tingupa Cave Millipede	S4	G4		
Zosteractis interminata	Zosteractis Cave Millipede	SU	G1		
Total Millipede Taxa: 4					
INSECTS					
Acroneuria ozarkensis	Ozark Stone	S2	G2G3		
Adalia bipunctata	Two Spotted Lady Beetle	SH	G5		
Agapetus artesus	Artesian Agapetus Caddisfly	S3	G3		
Aleochara speculicollis	A Staphylinid Beetle	SU	GNR		
Allocapnia pygmaea	Pygmy Snowfly	S3	G5		
Alloperla hamata	Barbed Sallfly	S3	G4		
Alloperla leonarda	Truncate Sallfly	S1S2	G3		
Amblyscirtes linda	Linda's Roadside Skipper	S2S3	G2G3		
Amblytropidia mysteca	A Glade Grasshopper	SU	G5		
Amphiagrion saucium	Eastern Red Damsel	S2	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
INSECTS *(Cont.)*					
Andrena beameri	An Andrenid Bee	S3	GNR		
Argia alberta	Paiute Dancer	S1	G4		
Argynnis diana arkansana	Diana Fritillary	SA	G2G3TNR		
Arigomphus maxwelli	Bayou Clubtail	SU	G5		
Arrhopalites clarus	Clarus Cave Springtail	S3	G4		
Atrytone arogos iowa	Argos Skipper	S2	G2G3T2T3		
Atrytonopsis hianna	Dusted Skipper	S3	G4G5		
Attaneuria ruralis	Giant Stone	S3	G4		
Baetisca obesa	A Mayfly	S3	G5		
Beameria venosa	A Concealed-tymbal Cicada	S3	GNR		
Bibloplectus chickasaw	A Staphylinid Beetle	SU	GNR		
Bombus affinis	Rusty Patched Bumble Bee	SA	G2		E
Bombus fervidus	Yellow Bumblebee	S1	G3G4		
Bombus fraternus	Southern Plains Bumble Bee	S3	G3G4		
Bombus pensylvanicus	American Bumble Bee	S3	G3G4		
Bombus vagans	Half-black Bumble Bee	S1	G4		
Bombus variabilis	Variable Cuckoo Bumble Bee	SX	G1G2		
Bradycinetulus fossatus	A Dung Beetle	S1	GNR		
Calephelis borealis	Northern Metalmark	S1	G3		
Calephelis muticum	Swamp Metalmark	S3	G3		
Calliopsis nebraskensis	An Andrenid Bee	SU	GNR		
Catocala abbreviatella	Abbreviated Underwing	S2S3	G3G4		
Catocala dulciola	Quiet Underwing	S1S2	G3G4		
Catocala marmorata	Marbled Underwing Moth	S3	G3?		
Catocala pretiosa texarkana	Precious Underwing Moth	S3?	G4T4		
Catocala whitneyi	Whitney's Underwing	S1	G2G3		
Celastrina neglectamajor	Appalachian Azure	S1S2	G3?		
Celastrina nigra	Dusky Azure	S2S3	GU		
Chalybion zimmermanni zimmermanni	A Blue Mud Dauber	SU	GNRTNR		
Coccinella novemnotata	Nine-spotted Lady Beetle	SH	G5		
Conocephalus saltans	Prairie Meadow Katydid	S3	G5		
Cylindera celeripes	Swift Tiger Beetle	S1	G2G4		
Deinopsis virginiana	A Staphylinid Beetle	SU	GNR		
Derops divalis	A Staphylinid Beetle	S3	GNR		
Dianthidium texanum	A Leafcutter Bee	S1	GNR		
Dichagyris reliqua	A Noctuid Moth	S1	G2		
Dromochorus pruinina	Loamy-ground Tiger Beetle	S1	GNR		
Erynnis martialis	Mottled Duskywing	S3	G3		
Eucosma bipunctella	Two-spotted Eucosma	S2S3	GNR		
Euphydryas phaeton ozarkae	Ozark Checkerspot	S3	G4T3		
Euphyes dukesi	Duke's Skipper	S1	G3G4		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
INSECTS *(Cont.)*					
Formica creightoni	Creighton's Slavemaking Ant	S3	GNR		
Formica fossaceps	Haystack Thatching Ant	S1	G5		
Formica querquetulana	Oak-grove Ant	S1	GNR		
Gennadota canadensis	A Staphylinid Beetle	SU	GNR		
Glyphopsyche missouri	Missouri Glyphopsyche Caddisfly	S1	G1		
Gnorimella maculosa	Maculated Scarab	S3	GNR		
Gomphurus fraternus	Midland Clubtail	SU	G5		
Gomphurus ventricosus	Skillet Clubtail	SU	G3		
Gryllotalpa major	Prairie Mole Cricket	S3	G3		
Habroscelimorpha circumpicta johnsonii	Saline Spring Tiger Beetle	S1	G5T5		
Hadena ectypa	Starry Campion Moth	S1	G3G4		
Hesperia ottoe	Ottoe Skipper	S1	G3		
Hesperus stehri	A Staphylinid Beetle	SU	GNR		
Hydroperla fugitans	Austin Springfly	S3	G3		
Hydropsyche piatrix	A Net-spinning Caddisfly	S4	G4		
Hystrichophora loricana	An Olethreutine Moth	S1?	G2G4		
Inscudderia taxodii	Bald Cypress Katydid	S1	GNR		
Isoperla burksi	Banded Stripetail	S3	G4		
Isoperla longiseta	Plains Stripetail	SX	G5		
Lasia purpurata	Purple Small-headed Fly	SU	GNR		
Lasioglossum fedorense	A Sweat Bee	S1	GNR		
Leptysma marginicollis	Cattail Toothpick Grasshopper	S2S3	G5		
Leucotrichia pictipes	A Micro Caddisfly	S3	G5		
Libellula auripennis	Golden-winged Skimmer	SU	G5		
Lordithon niger	A Staphylinid Beetle	S3	GU		
Lytrosis permagnaria	A Geometrid Moth	S1	G3G4		
Macropis steironematis	An Oil-collecting Bee	S1	GNR		
Megachile ingenua	A Leafcutter Bee	S1	G2?		
Melanoplus fasciatus	Huckleberry Grasshopper	S3	G5		
Melanoplus francoisensis	A Spur-throat Grasshopper	S1	GNR		
Melanoplus impudicus	Immodest Grasshopper	S3	G4G5		
Melanoplus packardii	Packard's Grasshopper	S2	G5		
Melanoplus punctulatus griseus	Grizzly Grasshopper	SU	G5T4		
Melanoplus viridipes viridipes	Green-legged Grasshopper	S3	G4		
Melissodes intortus	A Callirhoe Bee	S1	GNR		
Mermiria picta	Mermiria Grasshopper	S3	G5		
Merope tuber	A Meropid Scorpionfly	S3	G3G5		
Metaleptea brevicornis	Short-horned Grasshopper	S4	G5		
Nehalennia gracilis	Sphagnum Sprite	S1?	G5		
Nehalennia irene	Sedge Sprite	S1	G5		
Neoconocephalus exiliscanorus	Slightly-musical Conehead Katydid	S3	GNR		
Neoconocephalus lyristes	Bog Conehead Katydid	S1	GNR		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
INSECTS *(Cont.)*					
Neoperla carlsoni	Spiny Stone	S3?	G5		
Neotrichia kitae	Kite's Neotrichian Caddsifly	SU	GU		
Neotridactylus apicialis	Larger Pygmy Grasshopper	SU	GNR		
Nicrophorus americanus	American Burying Beetle	SH	G3	E	T
Ochrotrichia contorta	Contorted Ochrotrichian Micro Caddisfly	SU	G1		
Oecleus chrisjohni	A Cixiid Planthopper	SU	GNR		
Oncopodura hoffi	Hoff's Cave Springtail	S1S3	G1G2		
Onthophagus cavernicollis	Cave-dwelling Dung Beetle	S2	GNR		
Osmia illinoensis	A Mason Bee	S1	G1		
Oxybleptes kiteleyi	A Staphylinid Beetle	SU	GNR		
Papaipema beeriana	Blazing Star Stem Borer	S2	G3?		
Papaipema cerina	Golden Borer Moth	SU	G3		
Papaipema eryngii	Rattlesnake-master Borer Moth	S3	G2		
Papaipema sciata	Culvers Root Borer	SU	G2G3		
Papaipema silphii	Silphium Borer Moth	S1	G3G4		
Papilio joanae	Ozark Woodland Swallowtail	S1S2	G2?		
Pardalophora saussurei	A Glade Grasshopper	SU	G5		
Paroxya hoosieri	Hoosier Grasshopper	S1	G5		
Pentacora signoreti	A Shore Bug	S1	GNR		
Phoetaliotes nebrascensis	Large-headed Grasshopper	S3	G5		
Photuris missouriensis	Roaring River Firefly	S1	GU		
Phrixocnemis truculentus	Truculent Camel Cricket	SU	GNR		
Phyllobrotica lengi	A Leaf Beetle	SU	GNR		
Phyllobrotica nigritarsis	A Leaf Beetle	SU	GNR		
Phyllobrotica physostegiae	A Leaf Beetle	S4?	GNR		
Polyergus longicornis	Long-horned Shining Amazon Ant	S1	GNR		
Polyergus montivagus	Foothills Shining Amazon Ant	S1	GNR		
Polyergus ruber	Ruby-red Shining Amazon Ant	S1	GNR		
Polyergus sanwaldi	Sanwald's Shining Amazon Ant	S1	GNR		
Prostoia ozarkensis	Ozark Forestfly	SU	G3		
Prostoia similis	Longhorn Forestfly	S1S2	G4		
Protandrena labrosiformis	An Andrenid Bee	SU	GNR		
Pseudomasaris occidentalis	A Pollen Wasp	S3	GNR		
Pseudosinella espana	Espana Cave Springtail	S3	G3		
Psinidia fenestralis	Sand Grasshopper	S2S3	G5		
Satyrodes appalachia leeuwi	Appalachian Eyed Brown	S1	G5T4		
Schinia bina	Bina Flower Moth	S2S3	G4		
Schinia lucens	Leadplant Flower Moth	S1	G3G4		
Sepedophilus campbelli	A Staphylinid Beetle	SU	GNR		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
INSECTS *(Cont.)*					
Serratella frisoni	Frison's Seratellan Mayfly	S2	G2G3		
Sinella avita	Avita Cave Springtail	SU	G3G4		
Sinella barri	Barr's Cave Springtail	SU	G5		
Somatochlora hineana	Hine's Emerald	S2	G2G3	E	E
Somatochlora ozarkensis	Ozark Emerald	S1S2	G3		
Somatochlora provocans	Treetop Emerald	S1	G4		
Speyeria idalia	Regal Fritillary	S3	G3?		PT
Stenonema bednariki	A Heptageniid Mayfly	S3	G2G4		
Stenotothorax gardneri	An Aphodiine Beetle	S2	GNR		
Stethophyma celatum	Sedge Grasshopper	S3	G4		
Strategus antaeus	Ox Beetle	S1	GNR		
Stylurus intricatus	Brimstone Clubtail	S1S2	G4		
Stylurus notatus	Elusive Clubtail	S2S3	G3		
Svastra compta	A Sunflower Bee	S1	GNR		
Tebenna silphiella	Rosinweed Moth	S1	GNR		
Telebasis byersi	Duckweed Firetail	S1	G5		
Telebasis salva	Desert Firetail	SU	G5		
Tenaspis angularis	A Firefly	S1?	GU		
Tettigidea armata	Spined Grouse Locust	S2S3	G5		
Tomocerus missus	Missus Cave Springtail	SU	G4		
Tricholita notata	Marked Noctuid	S2S3	G5		
Trimerotropis maritima	Seaside Grasshopper	S1	G5		
Xenochalepus potomaca	A Leaf Beetle	SU	GNR		
Xenotrechus condei	Northern Xenotrechus Cave Beetle	S1	G1G2		
Xenotrechus denticollis	Southern Xenotrechus Cave Beetle	S1	G1G2		
Xylodromus capito	A Staphylinid Beetle	SU	GNR		
Total Insect Taxa: 158					
FISH					
Acipenser fulvescens	Lake Sturgeon	S1	G3G4	E	
Alburnops chalybaeus	Ironcolor Shiner	S1	G4		
Alburnops texanus	Weed Shiner	S3	G5		
Alosa alabamae	Alabama Shad	S2	G2?		
Alosa chrysochloris	Skipjack Herring	SU	G5		
Ameiurus nebulosus	Brown Bullhead	S3?	G5		
Ammocrypta clara	Western Sand Darter	S2S3	G3		
Ammocrypta vivax	Scaly Sand Darter	S3	G5		
Anguilla rostrata	American Eel	SU	G4		
Atractosteus spatula	Alligator Gar	S1	G3G4		
Carpiodes velifer	Highfin Carpsucker	S2	G4G5		
Centrarchus macropterus	Flier	S3	G5		
Cottus specus	Grotto Sculpin	S1	G2	E	E
Crystallaria asprella	Crystal Darter	S1	G3	E	
Cyprinella camura	Bluntface Shiner	S2S3	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FISH *(Cont.)*					
Erimyzon sucetta	Lake Chubsucker	S2	G5		
Etheostoma cragini	Arkansas Darter	S3S4	G3G4		
Etheostoma euzonum erizonum	Current Saddled Darter	S3	G3G4T3T4		
Etheostoma euzonum euzonum	Arkansas Saddled Darter	S2	G3G4T3T4		
Etheostoma fusiforme	Swamp Darter	S1	G5	E	
Etheostoma histrio	Harlequin Darter	S2	G5	E	
Etheostoma microperca	Least Darter	S2	G5		
Etheostoma nianguae	Niangua Darter	S2	G2	E	T
Etheostoma parvipinne	Goldstripe Darter	S1	G4G5	E	
Etheostoma whipplei	Redfin Darter	S1	G4	E	
Forbesichthys papilliferus	Shawnee Hills Cavefish	S1	G3	E	
Fundulus chrysotus	Golden Topminnow	S1	G5		
Fundulus dispar	Starhead Topminnow	S2	G4		
Fundulus kansae	Northern Plains Killifish	S2	G5		
Fundulus sciadicus	Plains Topminnow	S3	G4		
Hybognathus argyritis	Western Silvery Minnow	S2	G4		
Hybognathus hankinsoni	Brassy Minnow	S3	G5		
Hybognathus hayi	Cypress Minnow	S1	G4G5	E	
Hybognathus nuchalis	Mississippi Silvery Minnow	S3S4	G5		
Hybognathus placitus	Plains Minnow	S2	G4		
Hybopsis amnis	Pallid Shiner	SU	G4		
Ichthyomyzon gagei	Southern Brook Lamprey	S2S3	G5		
Lepomis marginatus	Dollar Sunfish	S2	G5		
Lepomis symmetricus	Bantam Sunfish	S2	G5		
Lethenteron appendix	American Brook Lamprey	S2	G4		
Macrhybopsis gelida	Sturgeon Chub	S3	G3		
Miniellus sabinae	Sabine Shiner	S1	G4	E	
Miniellus topeka	Topeka Shiner	S1	G3	E	E
Mugil cephalus	Striped Mullet	SA	G5		
Notropis heterolepis	Blacknose Shiner	S2	G5		
Notropis maculatus	Taillight Shiner	S1	G5	E	
Noturus eleutherus	Mountain Madtom	S1S2	G4	E	
Noturus flavater	Checkered Madtom	S3S4	G3G4		
Noturus placidus	Neosho Madtom	S1	G2	E	T
Opsopoeodus emiliae	Pugnose Minnow	S4	G5		
Paranotropis buchanani	Ghost Shiner	S2	G5		
Paranotropis ozarcanus	Ozark Shiner	S2	G3		
Percina copelandi	Channel Darter	S3	G3G4		
Percina cymatotaenia	Bluestripe Darter	S2	G3		
Percina nasuta	Longnose Darter	S1	G3	E	
Percina shumardi	River Darter	S3	G5		
Percina uranidea	Stargazing Darter	S2	G3		
Percopsis omiscomaycus	Trout-perch	S1?	G5		
Pimephales tenellus parviceps	Eastern Slim Minnow	S2S3	G4T2T3		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
FISH *(Cont.)*					
Pimephales tenellus tenellus	Western Slim Minnow	S3	G4T4		
Platygobio gracilis	Flathead Chub	S1	G5	E	
Scaphirhynchus albus	Pallid Sturgeon	S1	G2	E	E
Troglichthys rosae	Ozark Cavefish	S2	G3	E	T
Typhlichthys eigenmanni	Salem Plateau Cavefish	S2S3	G3		
Umbra limi	Central Mudminnow	S1	G5	E	
Total Fish Taxa: 65					
AMPHIBIANS					
Ambystoma annulatum	Ringed Salamander	S3	G4		
Ambystoma talpoideum	Mole Salamander	S2	G4G5		
Ambystoma tigrinum	Eastern Tiger Salamander	S3	G5		
Amphiuma tridactylum	Three-toed Amphiuma	S2	G5		
Anaxyrus cognatus	Great Plains Toad	S3	G5		
Cryptobranchus alleganiensis alleganiensis	Eastern Hellbender	S1	G3T2	E	E
Cryptobranchus alleganiensis bishopi	Ozark Hellbender	S1	G3T1	E	E
Eurycea nerea	Northern Grotto Salamander	S2S3	GNR		
Eurycea spelaea	Western Grotto Salamander	S2S3	G4		
Gastrophryne olivacea	Western Narrow-mouthed Toad	S3	G5		
Hemidactylium scutatum	Four-toed Salamander	S4	G5		
Lithobates areolatus circulosus	Northern Crawfish Frog	S3	G4T4		
Lithobates pipiens	Northern Leopard Frog	S2	G5		
Lithobates sylvaticus	Wood Frog	S3	G5		
Pseudacris illinoensis	Illinois Chorus Frog	S2	G2		
Scaphiopus holbrookii	Eastern Spadefoot	S2	G4G5		
Total Amphibian Taxa: 16					
REPTILES					
Cemophora coccinea copei	Northern Scarletsnake	S2S3	G5T5		
Clonophis kirtlandii	Kirtland's Snake	S1	G2		
Crotaphytus collaris	Eastern Collared Lizard	S4	G5		
Deirochelys reticularia miaria	Western Chicken Turtle	S1	G5T5	E	
Emydoidea blandingii	Blanding's Turtle	S1	G4	E	
Farancia abacura reinwardtii	Western Mudsnake	S2	G5T5		
Heterodon nasicus gloydi	Dusty Hog-nosed Snake	S1	G3G4Q		
Heterodon nasicus nasicus	Plains Hog-nosed Snake	SX	G5		
Kinosternon flavescens	Yellow Mud Turtle	S1	G5	E	
Macrochelys temminckii	Western Alligator Snapping Turtle	S2	G3		PT
Nerodia cyclopion	Mississippi Green Watersnake	SX	G5	E	
Opheodrys vernalis	Smooth Greensnake	SX	G5		
Pantherophis ramspotti	Western Foxsnake	S1	G5		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
REPTILES *(Cont.)*					
Pantherophis vulpinus	Eastern Foxsnake	S1	G5		
Phrynosoma cornutum	Texas Horned Lizard	S2	G4		
Pituophis catenifer sayi	Bullsnake	S3	G5T5		
Plestiodon obsoletus	Great Plains Skink	S2	G5		
Plestiodon septentrionalis obtusirostris	Southern Prairie Skink	S1	G5T5		
Plestiodon septentrionalis septentrionalis	Northern Prairie Skink	S3	G5T5		
Sistrurus catenatus	Eastern Massasauga	SX	G3	E	T
Sistrurus tergeminus tergeminus	Prairie Massasauga	S1	G3TNR	E	
Sonora episcopa	Great Plains Groundsnake	SU	GNR		
Total Reptile Taxa: 22					
BIRDS (See Appendix A for Tracking Criteria)					
Accipiter striatus	Sharp-shinned Hawk	S3	G5		
Anhinga anhinga	Anhinga	S3S4	G5		
Antigone canadensis	Sandhill Crane	S1	G5		
Antrostomus carolinensis	Chuck-will's-widow	S3	G5		
Antrostomus vociferus	Eastern Whip-poor-will	S3	G5		
Asio flammeus	Short-eared Owl	S2	G5		
Bonasa umbellus	Ruffed Grouse	SU	G5		
Botaurus exilis	Least Bittern	S3	G4		
Botaurus lentiginosus	American Bittern	S1	G5	E	
Buteo swainsoni	Swainson's Hawk	S3	G5		
Circus hudsonius	Northern Harrier	S2	G5	E	
Coturnicops noveboracensis	Yellow Rail	SU	G4		
Cygnus buccinator	Trumpeter Swan	S1	G4		
Egretta caerulea	Little Blue Heron	S2	G5		
Egretta thula	Snowy Egret	S1	G5	E	
Falco peregrinus	Peregrine Falcon	S3	G4		
Gallinula galeata	Common Gallinule	S2	G5		
Geococcyx californianus	Greater Roadrunner	S3	G5		
Haliaeetus leucocephalus	Bald Eagle	S3	G5		
Ictinia mississippiensis	Mississippi Kite	S3	G5		
Lanius ludovicianus	Loggerhead Shrike	S2	G4		
Laterallus jamaicensis jamaicensis	Eastern Black Rail	SU	G3T1		T
Limnothlypis swainsonii	Swainson's Warbler	S2	G4	E	
Nycticorax nycticorax	Black-crowned Night-heron	S3	G5		
Pandion haliaetus	Osprey	S2	G5		
Passerina ciris	Painted Bunting	S3	G5		
Peucaea aestivalis	Bachman's Sparrow	S1	G3	E	
Porzana carolina	Sora	S2	G5		
Rallus elegans	King Rail	S1	G4	E	
Rallus limicola	Virginia Rail	S2	G5		
Setophaga cerulea	Cerulean Warbler	S2S3	G4		

SCIENTIFIC NAME	COMMON NAME	SRANK	GRANK	STATE STATUS	FEDERAL STATUS
BIRDS *(Cont.)*					
Setophaga virens	Black-throated Green Warbler	SU	G5		
Sitta pusilla	Brown-headed Nuthatch	SU	G4		
Sterna antillarum athalassos	Interior Least Tern	S2	G4T3Q	E	
Thryomanes bewickii	Bewick's Wren	S3	G5		
Tympanuchus cupido	Greater Prairie-chicken	S1	G4	E	
Total Bird Taxa: 36					
MAMMALS					
Bison bison	American Bison	SX	G4		
Canis lupus	Gray Wolf	SX	G5		E
Canis rufus	Red Wolf	SX	G1		E
Cervus canadensis	Elk or Wapiti	S?	G4		
Corynorhinus rafinesquii	Rafinesque's Big-eared Bat	S1	G3		
Corynorhinus townsendii ingens	Ozark Big-eared Bat	SX	G4T1	E	E
Erethizon dorsatum	North American Porcupine	SA	G5		
Ictidomys tridecemlineatus	Thirteen-lined Ground Squirrel	S2	G5		
Lasionycteris noctivagans	Silver-haired Bat	S3	G4		
Lasiurus cinereus	Hoary Bat	S3	G3G4		
Lasiurus seminolus	Seminole Bat	SA	G5		
Lepus californicus	Black-tailed Jackrabbit	S1	G5	E	
Lepus townsendii	White-tailed Jackrabbit	SX	G5		
Mustela nivalis	Least Weasel	S3	G5		
Myotis austroriparius	Southeastern Myotis	S1	G4		
Myotis grisescens	Gray Myotis	S3	G3G4	E	E
Myotis leibii	Eastern Small-footed Myotis	S2	G4		
Myotis lucifugus	Little Brown Myotis	S2	G3G4		
Myotis septentrionalis	Northern Long-eared Myotis	S1	G2G3	E	E
Myotis sodalis	Indiana Myotis	S1	G2	E	E
Neogale frenata	Long-tailed Weasel	S3	G5		
Ochrotomys nuttalli	Golden Mouse	S3	G5		
Oryzomys palustris	Marsh Rice Rat	SU	G5		
Perimyotis subflavus	Tri-colored Bat	S2	G3G4		PE
Perognathus flavescens	Plains Pocket Mouse	S1	G5		
Peromyscus gossypinus	Cotton Mouse	S2	G5		
Poliocitellus franklinii	Franklin's Ground Squirrel	S2S3	G5		
Puma concolor	Mountain Lion	SX	G5		
Reithrodontomys montanus	Plains Harvest Mouse	S2	G5		
Spilogale interrupta	Plains Spotted Skunk	S1	G3	E	
Sylvilagus aquaticus	Swamp Rabbit	S2	G5		
Tadarida brasiliensis	Brazilian Free-tailed Bat	SA	G5		
Taxidea taxus	American Badger	S3	G5		
Total Mammal Taxa: 33					
Total Taxa: 1248					

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Taxonomic Authority:

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AMPHIBIANS AND REPTILES

Taxonomic Authority:

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Taxonomic Authority:

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Taxonomic Authority:

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Schwartz, C.W. and E.R. Schwartz. 2016. The wild mammals of Missouri, 3rd Revised edition. D.K. Fantz and V.L. Jackson (editors). University of Missouri Press. Columbia, Missouri. 426 pp.

FOR MORE INFORMATION

MDC collects and manages information on the location and status of species and natural communities of conservation concern throughout the state. The Missouri Natural Heritage Database is a repository for this information.

If you have information on the location or questions about the status of any element on this *Checklist*, please contact:

Natural Heritage Coordinator
Missouri Department of Conservation
P.O. Box 180
2901 W Truman Blvd
Jefferson City, MO 65109
(573) 522-4115

You can also conduct an online Natural Heritage Review at naturalheritagereview.mdc.mo.gov

WEBPAGE

This checklist is updated annually. The most current version is always available by contacting MDC, Branch. *Checklist* information is also available on MDC's website: https://mdc.mo.gov/media/114129.

CITATION

An appropriate citation for this edition of the *Checklist* is:

Missouri Natural Heritage Program. 2026. Missouri species and communities of conservation concern checklist. Missouri Department of Conservation. Jefferson City, Missouri. pp. 57.

APPENDIX A
BIRD SPECIES TRACKED IN MONHP AND THE CRITERIA FOR INCLUSION

Species (by order)	MDC Regions*	Criteria** (safe dates), comments
Anseriformes (ducks, geese, swans)		
Trumpeter Swan (S1, G4)	All (NE, NW)	1
Galliformes (chicken-like birds)		
Ruffed Grouse (SU, G5)	CN, OZ, SL, SE	1
Greater Prairie-chicken (S1, G4)	SW, KC, NW, NE	Anytime observed
Suliformes (anhingas)		
Anhinga (S3S4, G5)	SE	1
Pelecaniformes (herons, egrets, storks, ibises)		
American Bittern (S1, G5)	All	1- Extensive emergent marshes
Least Bittern (S3, G4)	All	1, 2 (5/25-8/1)
Snowy Egret (S1, G5)	SE	1
Little Blue Heron (S2, G5)	SE, SL	1
Black-crowned Night-Heron (S3, G5)	All (SE)	1
Accipitriformes (hawks, eagles, kites, vultures)		
Osprey (S2, G5)	All (confirmed NE, SW)	1- Any large open body of water
Mississippi Kite (S3, G5)	All (SE, SL, NE)	1- Expanding range
Bald Eagle (S3, G5)	All	1- Any large open body of water
Northern Harrier (S2, G5)	All (except OZ, SE)	1
Sharp-shinned Hawk (S3, G5)	All	1
Swainson's Hawk (S3, G5)	SW, KC	1
Gruiformes (rails, cranes)		
Yellow Rail (SU, G4)	All	Anytime observed (migrant)
Eastern Black Rail (SU, G3T1)	All	Anytime observed, large marshes
King Rail (S1, G4)	All (SE, SL, NE)	1, 2, 3 (5/15-7/31)
Virginia Rail (S2, G5)	All	1, 2 (5/15-8/1)
Sora (S2, G5)	All	1, 2 (5/30-7/31)
Common Gallinule (S2, G5)	All (except OZ)	1, 2 (5/30-8/31)
Sandhill Crane (S1, G5)	NE, NW, CN, SL	1
Charadriiformes (gulls, terns, shorebirds)		
Interior Least Tern (S2, G4T3Q)	SE	1- Formerly along MS, MO Rivers
Cuculiformes (roadrunners)		
Greater Roadrunner (S3, G5)	SW, OZ	1
Caprimulgiformes (nightjars)		
Eastern Whip-poor-will (S3, G5)	All	1
Chuck-Will's-widow (S3, G5)	SW, OZ, SE	1
Strigiformes (owls)		
Short-eared Owl (S2, G5)	SW, NW, NE, KC	1, 2 (5/1-8/31)

Species (by order)	MDC Regions*	Criteria** (safe dates), comments
Falconiformes (falcons)		
Peregrine Falcon (S3, G4)	SL, KC	1- Formerly along MO River bluffs
Passeriformes (perching birds)		
Loggerhead Shrike (S2, G4)	All (SW, KC, NW)	1, 2 (4/20-7/20)
Brown-headed Nuthatch (SU, G4)	All	1
Swainson's Warbler (S2, G4)	SE, OZ, SW	1, 2 (5/25-8/15)
Cerulean Warbler (S2S3, G4)	All (OZ)	1, 2, 3 (5/15-8/1)
Black-throated Green Warbler (SU, G5)	SE	1
Bachman's Sparrow (S1, G3)	OZ, SW, SE	1, 2 (6/1-8/15)
Painted Bunting (S3, G5)	SW, OZ	1, 2 (5/25-8/1)
Bewick's Wren (S3, G5)	All	1, 2 (5/15-8/15)

***MDC Regions (where species is most likely to be recorded)**

CN: Central KC: Kansas City NE: Northeast NW: Northwest
OZ: Ozark SL: St. Louis SE: Southeast SW: Southwest

****Criteria**

1. **Confirmed breeding** evidenced by any of the following:
   - Nest building (except wrens and woodpeckers)
   - Nest with egg(s) or young (seen or heard)
   - Used nest or eggshells
   - Physiological evidence of breeding based upon bird in hand (e.g. brood patch)
   - Distraction display or injury feigning
   - Recently fledged young
   - Adults entering or leaving nest site in circumstances indicating nesting
   - Adult carrying food or fecal sac

2. **Probable breeding** (valid only between safe dates) evidenced by any of the following:
   - Male and female seen together (not part of a flock)
   - Bird holding territory
   - Seven or more singing males detected in one visit
   - Courtship or copulation
   - Visiting probable nest site
   - Agitated behavior or anxiety call (not provoked by observer)
   - Nest building by wrens or woodpeckers

3. **Possible breeding** (valid only between safe dates) evidenced by any of the following:
   - Species heard or seen in breeding habitat
   - Species heard or seen but not in breeding habitat

PLANTS OF CONSERVATION CONCERN REPORTING FORM

NATURAL HERITAGE BOTANIST AND DATA MANAGER

EO Report Status (check one)**:** New ☐ Update **WITH** mapping ☐ Update **WITHOUT** mapping ☐
EO_ID: _____ **EO Rank:** _____ **Origin Subrank:** _____
EO Rank Comments:_____
Reference(s):_____
Heritage Mapper/Date:_____**Map File Name:**_____
Heritage Map QC/Date:_____ **Heritage Botanist/Date:** _____

SPECIES and LOCATION (please attach a map)

Scientific Name: _____ **Common Name:** _____
County Name(s): _____**Survey Site Name:** _____
Directions to Survey Site: _____
_____
Coordinates: _____, _____ **if UTM, NAD:** 83_____ **Zone:** 15_____
Locational Uncertainty (buffer radius)**:** Mapped location is within_____ **Meters** ☐ **Feet** ☐

ELEMENT OCCURRENCE DATA

Survey Date (yyyy-mm-dd)**:** _____
Observer(s) (last name, first name)**:** _____
EO [population] Data (actual and/or estimated number observed; condition: sterile or in bud/ flower/ fruit; evidence of disease, predation, or exotics; specimen/photo, etc.)**:** _____
_____
_____
General Habitat Description: _____
_____

OWNERSHIP

Managed Area/ Public Land Name(s): _____
Is the entire EO within the Managed Area boundaries? (check one)**:** **YES** ☐ **PARTIAL** ☐
Owner Name(s): _____
Owner Comments (address, phone number, etc.)**:** _____
Management Comments:_____
Protection Comments:_____

ADDITIONAL INFORMATION

General Comments (associated species, etc.)**:** _____
_____
Form completed by (last name, first name)**:**_____ **Date:** _____

11/2025

Thank you for helping maintain the Missouri Natural Heritage Program.
Please return this form to: Natural Heritage Botanist, Science Branch, Missouri Dept. of Conservation, P.O. Box 180, Jefferson City, MO 65102, 573-522-4115.

ANIMALS OF CONSERVATION CONCERN REPORTING FORM

NATURAL HERITAGE TAXA EXPERT AND DATA MANAGER

EO Report Status (check one)**:** New ☐ Update **WITH** mapping ☐ Update **WITHOUT** mapping ☐

EO_ID: _____ **EO Rank:** _____ **Origin Subrank:** _____ **Bat Biological Use:**_____

EO Rank Comments:_____

Reference(s):_____

Heritage Mapper/Date:_____**Map file name:**_____

Heritage Map QC/Date:_____ **Heritage Taxa Expert/Date**: _____

SPECIES and LOCATION (please attach a map)

Scientific Name: _____ **Common Name:** _____

County Name(s): _____**Survey Site Name:** _____

Directions to Survey Site: _____

_____

Coordinates: _____, _____ **if UTM, NAD:** 83_____ **Zone:** 15_____

Locational Uncertainty (buffer radius)**:** Mapped location is within_____ **Meters** ☐ **Feet** ☐ **Miles** ☐

ELEMENT OCCURRENCE DATA

Survey Date (yyyy-mm-dd)**:** _____

Observer(s) (last name, first name)**:** _____

EO [population] Data (number observed/trapped, condition: live/dead and age, evidence of reproduction, physical measurements, sampling methodology, person hrs, bat hibernaculum/maternity, specimen/photo, etc.)**:**

_____

_____

_____

General Habitat Description: _____

OWNERSHIP

Managed Area/ Public Land Name(s): _____

Is the entire EO within the Managed Area boundaries? (check one)**: YES** ☐ **PARTIAL** ☐

Owner Name(s): _____

Owner Comments (address, phone number, etc.)**:** _____

Management Comments:_____

Protection Comments:_____

ADDITIONAL INFORMATION

General Comments (associated species, etc.)**:** _____

_____

Form completed by (last name, first name)**:**_____ **Date:** _____

11/2025

Thank you for helping maintain the Missouri Natural Heritage Program.

Please return this form to: Natural Heritage Coordinator, Science Branch, Missouri Dept. of Conservation, P.O. Box 180, Jefferson City, MO 65102, 573-522-4115; or MDC Heritage Taxa Expert if known.

TERRESTRIAL NATURAL COMMUNITY REPORTING FORM

NATURAL HERITAGE COMMUNITY ECOLOGIST AND DATA MANAGER

EO Report Status (check one)**:** New ☐ Update **WITH** mapping ☐ Update **WITHOUT** mapping ☐

EO_ID: _____ **GELCODE:**_____**GELCODE Conf. Level: 1 2 3**

Reference(s):_____

Heritage Mapper/Date:_____**Map File Name:**_____

Heritage Map QC/Date:_____ **Heritage Community Ecologist/Date:** _____

NATURAL COMMUNITY TYPE and LOCATION (please attach a map)

Natural Community Name/Type: _____

County Name(s): _____**Survey Site Name:** _____

Directions to Survey Site: _____

_____

Coordinates: _____, _____ **if UTM, NAD:** 83_____ **Zone:** 15_____

Locational Uncertainty (buffer radius)**:** Mapped location is within_____**Meters** ☐ **Feet** ☐

ELEMENT OCCURRENCE DATA

Survey Date (yyyy-mm-dd)**:** _____

Observer(s) (last name, first name)**:**_____

Plant species composition (5-10 dominant or characteristic plant taxa by scientific name)**:** _____

_____

_____

General Habitat Description (describe substrate, topography and vegetation structure including acreage. E.g., "Glade system with three openings of 1, 5, and 10 acres." If part of a natural community complex, describe what percentage of the mapped polygon is made up of this EO type. E.g., "30% of a complex with wet-prairie and freshwater marsh."): _____

_____

_____

Community Significance (check one)**: Significant** ☐ **Exceptional** ☐ **Notable** ☐ **Unranked** ☐

EO Rank: _____ **EO Rank Comments** (describe ecological integrity; i.e., resemblance to presettlement condition, lack of exotic species, presence of conservative species, floristic quality index values, etc.)**:**_____

_____

OWNERSHIP

Managed Area/ Public Land Name(s): _____

Is the entire EO within the Managed Area boundaries? (check one)**: YES** ☐ **PARTIAL** ☐

Owner Name(s): _____

Owner Comments (address, phone number, etc.)**:** _____

Management Comments:_____

Protection Comments:_____

ADDITIONAL INFORMATION

General Comments (associated species, etc.)**:** _____

_____

Form completed by (last name, first name)**:**_____ **Date:** _____

Thank you for helping maintain the Missouri Natural Heritage Program. 11/2025

Please return this form to: Natural Heritage Community Ecologist, Statewide Resource Management Branch, Missouri Dept. of Conservation, P.O. Box 180, Jefferson City, MO 65102, 573-522-4115.