

# Alabama Inventory List

The Rare, Threatened, & Endangered  
Plants & Animals of Alabama



October 2021

Alabama Natural  
Heritage Program®

# Alabama Natural Heritage Program®

## *Keeping Track of Alabama's Natural Heritage*

The purpose of the Alabama Natural Heritage Program® (ALNHP) is to provide the best available scientific information on the biological diversity of Alabama to guide conservation action and promote sound stewardship practices. Established by The Nature Conservancy in 1989, it is one of a network of such programs collectively known as the Natural Heritage Network, which is represented by its membership organization NatureServe. NatureServe works to aggregate data from individual Network Programs and is dedicated to the furtherance of the Network and the application of Heritage data to biodiversity conservation. The mission of Natural Heritage Programs is to collect and manage data about the status and distribution of species and ecosystems of conservation concern. Natural heritage programs have become the recognized source for the most complete and detailed information on rare and endangered species and threatened ecosystems, relied upon by government agencies, corporations, and the conservation community alike. Today the NatureServe network includes 74 independent natural heritage programs and conservation data centers throughout the United States, Canada, Latin America, and the Caribbean. Most heritage programs (or conservation data centers) are housed within state or provincial government agencies, while some reside within universities or non-governmental organizations. ALNHP is administered through the Auburn University Museum of Natural History, Department of Biological Sciences. ALNHP provides the following services: biodiversity data management, inventory, biological surveys, biological monitoring, site prioritization, conservation planning, Geographic Information System services, spatial modeling, and land management expertise.

Natural Heritage Programs have three broad functions: to collect information on the status and distribution of species and natural communities, to manage this information in a standardized way, and to disseminate this information to a wide array of users. Natural Heritage Programs use a standardized information management system to track biodiversity data including taxonomy, distribution, population trends, habitat requirements, relative abundance, quality, condition, and viability. Programs also track non-biological information including land ownership type, land-use and management, distribution of protected areas, and threats to species or their habitat.

One of the important tasks each heritage program performs is the regular compilation of a "Rare Species Inventory List" for the state that ranks by priority each element based on the number and quality of occurrences. In general, species are listed in alphabetical order within the taxonomic groups. Although the inventory list is compiled using the best scientific information available at the time, there is always more current information available on a particular species, distribution and/or status. We would appreciate any new information on the location, abundance, or rarity of any of the species on the following list. Please send your comments to the appropriate staff member.

Scientific classification, common names, and order in which species are presented follow AOU (1998) and Chesser et al. (2015) for birds, Best and Dusi (2014) for mammals, Boschung and Mayden (2004) and Mettee et al (1996) for fish, and Williams et al. (2008) for mussels. Scientific and common names for reptiles and amphibians follow that of Crother (2012), but the order in which species are presented follow that used by Mirachi (2004). Other taxa are presented alphabetically.

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# Staff Directory, Resources, & Partners

## Auburn University Museum of Natural History

The mission of the Auburn University Museum of Natural History is to conduct biodiversity research, preserve and document our region and planet's biodiversity, and to lead and promote activities related to natural history education and outreach for Auburn University and all citizens of the state of Alabama. Our vision is to emerge as the primary repository for all natural history collections currently maintained at Auburn University and to function as a center of excellence for biodiversity research, education, and outreach. We will capitalize on strengths of the biodiversity heritage collections in our care and the vast organismal knowledgebase of the curators and staff to establish a gateway through which all segments of society can come discover the natural sciences and appreciate the relevance of biodiversity to human health and quality of life. We will preserve and document the rich natural heritage of Alabama while concurrently creating opportunities for students and teachers from regional schools, the general public, students at Auburn University, and researchers to explore our planet's biodiversity. We seek to inspire an appreciation of nature and the environment so that we might better conserve it for future generations.

## NatureServe

NatureServe is a non-profit conservation organization whose mission is to provide the scientific basis for effective conservation action. NatureServe represents an international network of biological inventories—known as natural heritage programs or conservation data centers—operating in all 50 U.S. states, Canada, Latin America and the Caribbean. NatureServe's three organizational goals are:

- (1) Help make biodiversity a mainstream consideration in all significant conservation and natural resource management decisions by making it simple for conservationists, government agencies, corporations, and landowners to access and use high-quality biodiversity information.
- (2) Advance our scientific resources and information technology systems in order to meet the needs of our clients and partners.
- (3) Strengthen our organizational effectiveness and capacity and better leverage the power of the NatureServe network to inform conservation action at local, regional, national, and international scales.

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**NatureServe:**  
<http://www.natureserve.org>

**Auburn University Museum of Natural History:**  
<http://aumnh.org/>

# Changes From ALNHP Tracking List Of November 2020

## I. Taxa Removed From ALNHP Tracking List

| <u>Scientific Name</u>                          | <u>Reason</u>                         |
|---|---------------------------------------|
| Freshwater Mussels<br><i>Uniomerus declivis</i> | Does not occur in Alabama             |
| Freshwater Snails<br><i>Ferrissia mcneili</i>   | Does not occur in Alabama             |
| Insects<br><i>Ptomaphagus hatchi</i>            | Not rare enough to track              |
| Vascular Plants<br><i>Carex aggregate</i>       | Occurrence based on misidentification |
| <i>Geum laciniatum</i>                          | Occurrence based on misidentification |
| <i>Juncus interior</i> var. <i>interior</i>     | Now <i>Juncus interior</i>            |
| <i>Sium floridanum</i>                          | No longer considered a valid taxon    |
| <i>Symphyotrichum sericeum</i>                  | Does not occur in Alabama             |

## II. Taxa Added to ALNHP Tracking List

| <u>Scientific Name</u>                            | <u>Common Name</u>   |
|---|--|
| Fishes<br><i>Notropis petersoni</i>               | Coastal Shiner   |
| <i>Fundulus notatus</i>                           | Blackstripe Topminnow  |
| <i>Fundulus notti</i>                             | Bayou Topminnow  |
| Freshwater Mussels<br><i>Alasmidonta undulata</i> | Triangle Floater   |
| <i>Elliptio lanceolata</i>                        | Yellow Lance   |
| <i>Elliptio pullata</i>                           | Gulf Spike   |
| <i>Uniomerus caroliniana</i>                      | Florida Pondhorn   |
| Vascular Plants<br><i>Asclepias connivens</i>     | Large-flower Milkweed  |
| <i>Asplenium x ebenoides</i>                      | Scott's Spleenwort (sterile diploids of <i>A. tutwilerae</i> ) |
| <i>Corallorrhiza odontorhiza</i>                  | Autumn Coral-Root  |
| <i>Carex austrina</i>                             | Southern Sedge   |
| <i>Carex appalachica</i>                          | Appalachian Sedge  |
| <i>Carex brevior</i>                              | Short Beak Sedge   |
| <i>Carex mesochorea</i>                           | Midland Sedge  |
| <i>Carex oklahomensis</i>                         | Oklahoma Sedge   |
| <i>Carex timida</i>                               | Timid Sedge  |

|                                  |                            |
|----------------------------------|----------------------------|
| <i>Cleistesiopsis bifaria</i>    | Small Spreading Pogonia    |
| <i>Eleocharis bifida</i>         | Glades Spikerush           |
| <i>Fothergilla milleri</i>       | Dwarf Witch-Alder          |
| <i>Fothergilla parvifolia</i>    | Kearney's Witch-Alder      |
| <i>Gaultheria procumbens</i>     | Wintergreen                |
| <i>Geum laciniatum</i>           | Rough Avens                |
| <i>Hexastylis finzelii</i>       | Finzel's Ginger            |
| <i>Iris prismatica</i>           | Slender Blue Iris          |
| <i>Isoetes boomii</i>            | Boom's Quillwort           |
| <i>Isoetes graniticola</i>       | Granite-loving Quillwort   |
| <i>Juncus interior</i>           | Inland Rush                |
| <i>Lathyrus palustris</i>        | Vetchling Peavine          |
| <i>Malvastrum angustum</i>       | Yellow False Mallow        |
| <i>Perideridia americana</i>     | Eastern Yampah             |
| <i>Phacelia maculata</i>         | Flatrock Phacelia          |
| <i>Rhynchospora brachychaeta</i> | West Indian Beakrush       |
| <i>Rhynchospora leptocarpa</i>   | Slender Fruit Beakrush     |
| <i>Rhynchospora microcephala</i> | Small Head Beakrush        |
| <i>Rhynchospora odorata</i>      | Fragrant Beakrush          |
| <i>Rhynchospora pinetorum</i>    | Small's Beakrush           |
| <i>Rhynchospora saxicola</i>     | Stone Mountain Beakrush    |
| <i>Solidago porteri</i>          | Porter's Goldenrod         |
| <i>Stenanthium texanum</i>       | Crow Poison                |
| <i>Trilisa paniculata</i>        | Hairy Chaffhead            |
| <i>Uvularia floridana</i>        | Florida Bellwort           |
| <i>Xyris brevifolia</i>          | Shortleaf Yelloweyed Grass |
| <i>Xyris flabelliformis</i>      | Savannah Yelloweyed Grass  |

### III. Taxa with Taxonomic or Nomenclatural Changes

Old Name                                   New Name

Birds

|                               |   |
|-------------------------------|---|
| <i>Circus cyaneus</i>         | <i>Circus hudsonius</i>                   |
| <i>Laterallus jamaicensis</i> | <i>Laterallus jamaicensis jamaicensis</i> |
| <i>Rallus longirostris</i>    | <i>Rallus crepitans</i>                   |
| <i>Picoides borealis</i>      | <i>Dryobates borealis</i>                 |

Reptiles

|                               |  |
|-------------------------------|--|
| <i>Deirochelys reticulata</i> | <i>Deirochelys reticulata reticulata</i> |
|-------------------------------|--|

## Fishes

|                           |                             |
|---------------------------|-----------------------------|
| <i>Macrhybopsis</i> sp. 2 | <i>Macrhybopsis pallida</i> |
| Florida Chub              | Pallid Chub                 |

## Freshwater Mussels

|                            |                               |
|----------------------------|-------------------------------|
| <i>Quadrula cylindrica</i> | <i>Theliderma cylindrica</i>  |
| <i>Villosa trabalis</i>    | <i>Venustaconcha trabalis</i> |

## Crustaceans

|                        |                              |
|------------------------|------------------------------|
| <i>Cambarus miltus</i> | <i>Lacunicambarus miltus</i> |
|------------------------|------------------------------|

## Insects

|                      |                     |
|----------------------|---------------------|
| <i>Enodia creola</i> | <i>Lethe creola</i> |
|----------------------|---------------------|

## Vascular Plants

|  |   |
|--|---|
| <i>Amphianthus pusillus</i>                              | <i>Gratiola amphiantha</i>                            |
| <i>Andropogon virginicus</i> var. <i>glaucus</i>         | <i>Andropogon capillipes</i>                          |
| <i>Eriogonum longifolium</i> var. <i>harperi</i>         | <i>Eriogonum harperi</i>                              |
| <i>Gratiola pusilla</i>                                  | <i>Amphianthus pusillus</i>                           |
| <i>Isotrema macrophyllum</i>                             | <i>Aristolochia macrophylla</i>                       |
| <i>Lycopodium obscurum</i>                               | <i>Dendrolycopodium obscurum</i>                      |
| <i>Monotropsis odorata</i> var. <i>odorata</i>           | <i>Monotropsis odorata</i>                            |
| <i>Platanthera blephariglottis</i> var. <i>conspicua</i> | <i>Platanthera conspicua</i>                          |
| <i>Sarracenia rubra</i> ssp. <i>alabamensis</i>          | <i>Sarracenia alabamensis</i> ssp. <i>alabamensis</i> |
| <i>Sarracenia rubra</i> ssp. <i>wherryi</i>              | <i>Sarracenia alabamensis</i> ssp. <i>wherryi</i>     |
| <i>Solanum carolinense</i> var. <i>hirsutum</i>          | <i>Solanum pumilum</i>                                |
| <i>Stegnogramma burksiorum</i>                           | <i>Thelypteris pilosa</i> var. <i>alabamensis</i>     |
| <i>Phemeranthus teretifolium</i>                         | <i>Talinum teretifolium</i>                           |

## IV. Taxa with Heritage Conservation Status Changes

### Global Rank Changes

| <u>Taxa</u>                   | <u>Old Rank</u> | <u>New Rank</u> |
|-------------------------------|-----------------|-----------------|
| <b>Mammals</b>                |                 |                 |
| <i>Lasiusurus intermedius</i> | G4G5            | G5              |
| <i>Myotis austroriparius</i>  | G3G4            | G4              |
| <i>Myotis grisescens</i>      | G3              | G4              |
| <i>Myotis leibii</i>          | G1G3            | G4              |
| <i>Myotis septentrionalis</i> | G2G3            | G1G2            |
| <i>Perimyotis subflavus</i>   | G3              | G2G3            |
| <i>Trichechus manatus</i>     | G2              | G2G3            |
| <b>Birds</b>                  |                 |                 |
| <i>Ammodramus leconteii</i>   | G4              | G5              |

|                                       |        |        |
|---------------------------------------|--------|--------|
| <i>Botaurus lentiginosus</i>          | G4     | G5     |
| <i>Campephilus principalis</i>        | GH     | G1     |
| <i>Ixobrychus exilis</i>              | G5     | G4G5   |
| <i>Laterallus jamaicensis</i>         | G4     | G3     |
| <i>Rallus elegans</i>                 | G3G4   | G4     |
| <b>Amphibians</b>                     |        |        |
| <i>Cryptobranchus alleganiensis</i>   |        |        |
| <i>Desmognathus auriculatus</i>       | G3G4   | G3     |
| <i>Lithobates capito</i>              | G5     | G4     |
| <b>Reptiles</b>                       |        |        |
| <i>Crotalus adamans</i>               | G3     | G2G3   |
| <i>Macrochelys temminckii</i>         | G4     | G3     |
| <i>Nerodia clarkii clarkia</i>        | G3G4   | G3     |
| <i>Pituophis melanoleucus lodingi</i> | G4T4   | G4T3   |
| <i>Sternotherus depressus</i>         | G4T2T3 | G4T1?  |
| <b>Fishes</b>                         |        |        |
| <i>Acipenser oxyrinchus desotoi</i>   | G2     | G1     |
| <i>Cycleptus elongatus</i>            | G3T2   | G3T2T3 |
| <i>Fundulus jenkinsi</i>              | G3     | G3G4   |
| <i>Hybognathus hayi</i>               | G2     | G3     |
| <b>Freshwater Mussels</b>             |        |        |
| <i>Elliptio fraternal</i>             | G5     | G4G5   |
| <i>Elliptio mcmichaeli</i>            |        | G1G2   |
| <i>Epioblasma florentina</i>          | G1     | G2G3   |
| <i>Fusconaia escambia</i>             | G3     | GX     |
| <i>Lampsilis abrupta</i>              | G1     | G1G2   |
| <i>Obovaria choctawensis</i>          | G2     | G1G2   |
| <i>Pleurobema rubellum</i>            | G2     | G2G3   |
| <i>Pleurobema strodeanum</i>          | G2     | G1     |
| <i>Ptychobranchus subtentus</i>       | G1G2   | G2G3   |
| <i>Strophitus radiatus</i>            | G2     | G2     |
| <i>Strophitus williamsi</i>           | G3     | G2G3   |
| <i>Villosa umbrans</i>                | G3     | G2     |
| <b>Freshwater Snails</b>              |        |        |
| <i>Elimia dickinsoni</i>              | G2     | G1     |
| <i>Elimia variata</i>                 | G5     | G3G4   |
| <i>Io fluvialis</i>                   | G1Q    | G2Q    |
| <b>Terrestrial Snails</b>             |        |        |

|                                     |        |          |
|-------------------------------------|--------|----------|
| <i>Paravitrea umbilicaris</i>       |        |          |
| <i>Succinea unicolor</i>            | G2     | G3?      |
| <i>Xolotrema fosteri</i>            | G3     | G3G4     |
| Crustaceans                         | G4     | G5       |
| <i>Cambarus hamulatus</i>           |        |          |
| <i>Lacunicambarus freudensteini</i> | G3     | G3G4     |
| <i>Lacunicambarus mobilensis</i>    | GNR    | G1       |
| <i>Palaemonias alabamae</i>         | GNR    | G3       |
| <i>Procambarus capillatus</i>       | G2G3   | G1       |
| Insects                             | G3     | G2       |
| <i>Atrytone arogos arogos</i>       |        |          |
| <i>Batrissodes lineaticollis</i>    | G3T1T2 | G2G3T1T2 |
| <i>Callophrys hesseli</i>           | GNR    | G5       |
| <i>Callophrys irus</i>              | G3G4   | G3       |
| <i>Catops gratiosa</i>              | G3     | G2G3     |
| <i>Cicindela lepida</i>             | GNR    | G5       |
| <i>Cicindela nigrior</i>            | G4     | G3G4     |
| <i>Euphyes arpa</i>                 | G2G4   | G2G3     |
| <i>Euphyes dukesi dukesi</i>        | G3G4   | G3       |
| <i>Euphyes pilatka</i>              | G3T3   | G3G4T3   |
| <i>Feniseca Tarquinius</i>          | G3G4   | G3       |
| <i>Gomphus septima</i>              | G4     | G5       |
| <i>Hesperia meskei</i>              | G2     | G3       |
| <i>Homoeoneuria cahabensis</i>      | G2G4   | G3G4     |
| <i>Lesteva pallipes</i>             | G2G3   | G3       |
| <i>Lethe creola</i>                 | GNR    | G5       |
| <i>Nannothenemis bella</i>          | G3G4   | G4       |
| <i>Nicrophorus americanus</i>       | G4     | G4G5     |
| <i>Onthophagus polyphemi</i>        | G2G3   | G3       |
| <i>Ophiogomphus mainensis</i>       | GNR    | G2G3     |
| <i>Pieris virginiana</i>            | G4     | G4G5     |
| <i>Prolema byssus</i>               | G3?    | G2G3     |
| <i>Quedius erythrogaster</i>        | G3G4   | G4       |
| <i>Speyeria diana</i>               | GNR    | G5       |
| <i>Stenelmis gammoni</i>            | G3G4   | G2G3     |
|                                     | G1G3   | G2G3     |
| Vascular Plants                     |        |          |
| <i>Apios priceana</i>               | G2     | G3       |

|   |          |         |
|---|----------|---------|
| <i>Aralia racemosa</i>                            | G4G5     | G5      |
| <i>Berberis canadensis</i>                        | G3       | G3G4    |
| <i>Brickellia cordifolia</i>                      | G2G3     | G3      |
| <i>Callirhoe triangulata</i>                      | G3?      | G3      |
| <i>Calopogon oklahomensis</i>                     | G3       | G2      |
| <i>Cirsium lecontei</i>                           | G2G3     | G3      |
| <i>Coelorachis tessellata</i>                     | G5       | G5?     |
| <i>Crataegus aemula</i>                           | G2G3     | G2      |
| <i>Crataegus Ashei</i>                            | G1       | G2      |
| <i>Croton elliotii</i>                            | G2G3     | G3      |
| <i>Elymus churchii</i>                            | G2G3     | G3      |
| <i>Euphorbia discoidalis</i>                      | G3?Q     | G4      |
| <i>Hamamelis ovalis</i>                           | G1       | G2G3    |
| <i>Hymenocallis coronaria</i>                     | G2Q      | G3?     |
| <i>Juglans cinerea</i>                            | G4       | G3      |
| <i>Lachnocaulon digynum</i>                       | G3       | G3G4    |
| <i>Lilium iridollae</i>                           | G2       | G3      |
| <i>Lindera melissifolia</i>                       | G2G3     | G3      |
| <i>Lindera subcoriacea</i>                        | G2G3     | G3      |
| <i>Neviusia alabamensis</i>                       | G2       | G3      |
| <i>Monotropis odorata var. odorata</i>            | G3T?     | G3TNR   |
| <i>Onosmodium molle ssp. subsetosum</i>           | G4G5T4   | G4G5T4? |
| <i>Orthochilus ecristatus</i>                     | G2       | G2G3    |
| <i>Pityopsis oligantha</i>                        | G2G4     | G2?     |
| <i>Platanthera blephariglottis var. conspicua</i> | G4G5T3T4 | G5T4    |
| <i>Polygala senega var. latifolia</i>             | G4G5T?   | G4G5TNR |
| <i>Prosartes maculata</i>                         | G3G4     | G4      |
| <i>Rhododendron colemanii</i>                     | G?       | G3      |
| <i>Rhynchospora crinipes</i>                      | G2       | G3      |
| <i>Rhynchospora macra</i>                         | G3       | G3G4    |
| <i>Ruellia noctiflora</i>                         | G2       | G3?     |
| <i>Sarracenia rubra ssp. wherryi</i>              | G4T3     | G3T3    |
| <i>Schoenoplectus subterminalis</i>               | G4G5     | G5      |
| <i>Schwalbea americana</i>                        | G2G3     | G2      |
| <i>Scutellaria glabriuscula</i>                   | G2?      | G2      |
| <i>Sideroxylon thornei</i>                        | G2       | G3      |
| <i>Silene regia</i>                               | G3G4     | G3      |
| <i>Silphium brachiatum</i>                        | G2G3     | G3      |

|  |       |       |
|--|-------|-------|
| <i>Spigelia alabamensis</i>                    | G1    | G2    |
| <i>Spigelia gentianoides</i>                   | G1    | G2    |
| <i>Spiranthes lucida</i>                       | G5    | G4    |
| <i>Thalictrum mirabile</i>                     | G3Q   | G4?Q  |
| <i>Tradescantia ernestiana</i>                 | G3    | G3G4Q |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i> | G3T2Q | G4T3  |
| <i>Trillium rugelii</i>                        | G3    | G4    |
| <i>Trillium sessile</i>                        | G4G5  | G5    |
| <i>Trillium vaseyi</i>                         | G4    | G3    |
| <i>Vitis mustangensis</i>                      | G4?   | G4G5  |
| <i>Waldsteinia lobata</i>                      | G2G3  | G3    |
| <i>Xyris drummondii</i>                        | G3    | G3G4  |
| <i>Xyris isoetifolia</i>                       | G1    | G2    |
| Non-vascular Plants                            |       |       |
| <i>Brachymenium macrocarpon</i>                | GNRQ  | GNR   |
| <i>Lejeunea cardoti</i>                        | G3    | G3?   |
| <i>Schistidium rivulare</i>                    | G4G5  | G5    |

## State Rank Changes

| <u>Taxa</u>                              | <u>Old Rank</u> | <u>New Rank</u> |
|--|-----------------|-----------------|
| Amphibians                               |                 |                 |
| <i>Ambystoma bishop</i>                  | S1              | SX              |
| <i>Cryptobranchus alleganiensis</i>      | S2              | S1S2            |
| <i>Necturus maculosus</i>                | S1              | S2              |
| Reptiles                                 |                 |                 |
| <i>Deirochelys reticulata reticulata</i> | S3              | S2S3            |
| <i>Lampropeltis getula</i>               | S4              | S5              |
| Vascular Plants                          |                 |                 |
| <i>Arnica acaulis</i>                    | SH              | S1              |
| <i>Carex decomposita</i>                 | S2              | S1              |
| <i>Carex godfreyi</i>                    | S2              | S1              |
| <i>Carex socialis</i>                    | S2              | S1?             |
| <i>Delphinium alabamicum</i>             | S2              | S3              |
| <i>Isoetes appalachiana</i>              | S1              | S2              |
| <i>Isoetes butleri</i>                   | S2              | S2S3            |
| <i>Juncus nodatus</i>                    | S1              | S2              |
| <i>Pinguicula pumila</i>                 | S1?             | S1              |
| <i>Polygala balduini</i>                 | S1?             | S1              |

|                                 |     |     |
|---------------------------------|-----|-----|
| <i>Rhynchospora fernaldii</i>   | S1  | S1? |
| <i>Solidago porteri</i>         | SNR | S1  |
| <i>Uvularia floridana</i>       | S1  | S2  |
| Crustaceans                     |     |     |
| <i>Procambarus escambiensis</i> | S2  | S1  |

#### IV. Taxa with Federal Status Changes

| <u>Taxa</u>                               | <u>Old Status</u> | <u>New Status</u> | <u>Reason</u>  |
|---|-------------------|-------------------|--|
| Birds                                     |                   |                   |  |
| <i>Laterallus jamaicensis jamaicensis</i> | PT                | LT                | USFWS issued a rule designating the Eastern Black Rail as Threatened under the ESA.  |
| Fishes                                    |                   |                   |  |
| <i>Percina tanasi</i>                     | LT                | LT, PDL           | Listed threatened by USFWS on July 5, 1984. USFWS (2021) propose to remove (delist) this species; threats have been eliminated or reduced to the point that the species no longer meets the definition of an endangered or a threatened species. |
| Crayfishes                                |                   |                   |  |
| <i>Cambarus cracens</i>                   | PT                | LE                | USFWS listed the species as endangered on 8 September, 2021.   |
| Insects                                   |                   |                   |  |
| <i>Nicrophorus americanus</i>             | LE                | LT                | USFWS reclassified the American burying beetle from endangered to threatened on 10 October, 2020.  |

# Definition of Heritage Ranks

The Alabama Natural Heritage Program uses the Heritage ranking system developed by NatureServe. Each species is assigned two ranks; one representing its range-wide or global status (G rank), and one representing its status in Alabama (S rank). Species with a rank of 1 are most critically imperiled; those with a rank of 5 are most secure. Rank numbers may be combined when there is uncertainty over the status, but ranges cannot skip more than one rank (e.g., an element may be given a G-rank of G2G3, indicating global status is somewhere between imperiled and vulnerable).

## Global Ranking System

- G1 Critically Imperiled – At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.
- G2 Imperiled – At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.
- G3 Vulnerable – At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), 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.
- GX Presumed Extinct (species) – Not located despite intensive searches and virtually no likelihood of rediscovery.  
Eliminated (ecological communities) – Eliminated throughout its range, with no restoration potential due to extinction of dominant or characteristic species.
- GH Possibly Extinct (species)/ Eliminated (ecological communities and systems) – Known from only historical occurrences but still some hope of rediscovery There is evidence that the species may be extinct or the ecosystem may be eliminated throughout its range, but not enough to state this with certainty.
- GU Unrankable – Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
- GNR Not ranked to date.
- G#T# Infraspecific Taxon (trinomial) – The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. Rules for assigning T-ranks follow the same principles outlined above for global conservation status ranks. A T-rank cannot imply the subspecies or variety is more abundant than the species as a whole—for example, a G1T2 cannot occur. At this time, the T rank is not used for ecological communities.

## State Ranking System

- S1 Critically Imperiled - Critically imperiled in Alabama because of extreme rarity (5 or fewer occurrences of very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extirpation from Alabama.
- S2 Imperiled - At high risk of extirpation because of rarity - very restricted range, very few populations, steep declines, or other factors making it very vulnerable to extirpation from Alabama.
- S3 Vulnerable - Rare or uncommon in Alabama – at moderate risk of extirpation due to a restricted range, relatively few populations, recent and widespread declines, or other factors.
- S4 Apparently Secure - Apparently secure in Alabama, may be uncommon, but not rare. May have some cause for long-term concern due to declines or other factors.
- S5 Secure - Demonstrably secure in Alabama; common, widespread, and abundant in the state
- SX Presumed Extirpated – Species or community is believed to be extirpated from Alabama. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
- SH Historical (Possibly Extirpated) – Species or community occurred historically in Alabama, and there is some possibility that it may be rediscovered. Its presence may not have been verified in the past 20-40 years. A species or community could become SH without such a 20-40 year delay if the only known occurrences in Alabama were destroyed or if it had been extensively and unsuccessfully looked for. The SH rank is reserved for species or communities for which some effort has been made to relocate occurrences, rather than simply using this status for all elements not known from verified extant occurrences.
- SNR Unranked – State conservation status not yet assessed.
- SNA A conservation status rank is not applicable because the species is not a suitable target for conservation activities in the state.<sup>1</sup>
- SU Unrankable – Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.

## Variant Ranks and Rank Modifiers

|      |  |
|------|--|
| G#G# | Range Rank – A numeric range rank (e.g., G2G3) is used to indicate the range of uncertainty in the status of a species or community (e.g., an element may be given a G-rank of G2G3, indicating global status is somewhere between imperiled and vulnerable). Ranges cannot skip more than one rank (e.g., GU should be used rather than G1G4). Also applies to state ranks (e.g., S2S3) |
| HYB  | Hybrid   |
| Q    | Questionable taxonomy – Taxonomic distinctiveness of this entity at the current level is questionable; resolution of this uncertainty may result in change from a species to a subspecies or hybrid, or the inclusion of this taxon in another taxon, with the resulting taxon having a lower-priority conservation priority.  |
| ?    | Inexact Numeric Rank – Denotes inexact numeric rank (e.g., G2?)  |

## Breeding Status Qualifiers<sup>2</sup>

- B Breeding - Conservation status refers to the breeding population of the species in the state. Regularly occurring, usually migratory and may be present only during the breeding season.
- N Nonbreeding - Conservation status refers to the non-breeding population of the species in the state. Regularly occurring, usually migratory and may not breed in Alabama; this category includes migratory birds, bats, sea turtles, and cetaceans.
- M Migrant - Migrant species occurring regularly on migration at particular staging areas or concentration spots where the species might warrant conservation attention. Conservation status refers to the aggregating transient population of the species in the nation or state/province.

<sup>1</sup> A conservation status rank may be not applicable for some species, including long distance aerial and aquatic migrants, hybrids without conservation value, and non-native species or ecosystems, for several reason

<sup>2</sup> A breeding status is only used for species that have distinct breeding and/or non-breeding populations in the state. A breeding-status S-rank can be coupled with its complementary non-breeding-status S-rank if the species also winters in the state. In addition, a breeding-status S-rank can also be coupled with a migrant-status S-rank if, on migration, the species occurs regularly at particular staging areas or concentration spots where it might warrant conservation attention. Multiple conservation status ranks (typically two, or rarely three) are separated by commas (e.g., S2B,S3N or SHN,S4B,S1M).

For more information regarding Conservation Status Ranks, see  
<http://www.natureserve.org/explorer/ranking.htm#globalstatus>

# **Definitions of Federal & State Listed Species Status**

## **Federal - U.S. Fish and Wildlife Service**

The U.S. Endangered Species Act (U.S. ESA) is the primary legislation that affords federal legal protections to threatened and endangered species in the United States, and is administered by the U.S. Fish and Wildlife Service (USFWS) (<http://endangered.fws.gov/>) and U.S. National Marine Fisheries Service (NMFS) ([http://www.nmfs.noaa.gov/prot\\_res/overview/es.html](http://www.nmfs.noaa.gov/prot_res/overview/es.html)). As defined by the Act, endangered refers to species that are "in danger of extinction within the foreseeable future throughout all or a significant portion of its range," while threatened refers to "those animals and plants likely to become endangered within the foreseeable future throughout all or a significant portion of their ranges." Plant species and varieties (including fungi and lichens), animal species and subspecies, and vertebrate animal populations are eligible for listing under the Act. Status under the U.S. Endangered Species Act in data provided by ALNHP is based on formal notices published by USFWS or NMFS in the Federal Register. Where names used by the USFWS differ from those used by ALNHP, ALNHP records include notes indicating under what name the USFWS lists the species and how that relates to the name used by ALNHP.

### **ESA Status Definitions**

LE – Listed Endangered: A species in danger of extinction throughout all or a significant portion of their range.

LT – Listed Threatened: A species likely to become endangered within the foreseeable future throughout all or a significant portion of their range.

PE – Proposed Endangered: A species proposed to be listed as endangered.

PT – Proposed Threatened: A species proposed to be listed as threatened.

C – Candidate: A species under consideration for official listing for which there is sufficient information to support listing. The USFWS encourages other agencies to give consideration to such taxa in environmental planning.

XN – Experimental Population, Nonessential: Experimental reintroduced population.

SC – Species of Concern: Species that have not been petitioned or been given Endangered, Threatened, or Candidate status, but have been identified as important to monitor. (An unofficial status with no regulatory requirements)

UR – Under Review in the Candidate or Petition Process: A species under review in the candidate or petition process. A 90-day finding indicated that listing may be warranted, and a full status review has been initiated to determine if listing is warranted. (An unofficial status with no regulatory requirements)

PET – Petitioned for listing – A species that has been petitioned to be listed as endangered or threatened under the Endangered Species Act. Petition findings by USFWS have not yet been made.

SAT – Similarity of Appearance: A species listed as threatened due to a similarity of appearance to a listed species. Species listed as SAT are not biologically endangered or threatened and are not subject to Section 7 consultation.

**State - Alabama Department of Conservation and Natural Resources (ADCNR)**

**Wildlife & Freshwater Fisheries Division**

Alabama does not have a state law equivalent to the federal endangered species act so species do not have regulatory protection as state endangered or threatened species. However, some species do receive regulatory protection through the *Alabama Regulations on Game Fish and Fur Bearing Animals* published annually. These are the primary regulations affording state protection for some species in Alabama, and are administered by the Alabama Department of Conservation and Natural Resources. Copies of these regulations may be obtained from the Division of Wildlife & Freshwater Fisheries, Alabama Department of Conservation & Natural Resources, 64 North Union Street, Montgomery, AL

36104. A digital version of these regulations is available online at <http://www.outdooralabama.com/season-and-bag-limits>.

**State Status Code Definitions**

**SP – State Protected:** Species protected by Regulation 220-2-.92 (Nongame Species Regulation), 220-2-.98 (Invertebrate Species Regulation), 220-2-.26(4) (Protection of Sturgeon), 220-2-.94 (Prohibition of Taking or Possessing Paddlefish), or 220-2-.97 (Alligator Protection Regulation).

**PSM – Partial Status Mussels:** All mussel species not listed as a protected species under the Invertebrate Species Regulation are partially protected by other regulations of the Alabama Game, Fish, and Fur Bearing Animals Regulations. Regulation 220-2-.104 prohibits the commercial harvest of all but the 11 mussel species for which commercial harvest is legal. Regulation 220-2-.52 prohibits the take, capture, kill, or attempt to take, capture, or kill of any freshwater mussel from Wheeler Lake from Guntersville Dam downstream to the mouth of Shoal Creek and from the upstream end or head of Hobbs Island downstream to Whitesburg Bridge, Pickwick Lake from Wilson Dam downstream to the upper end or head of Seven Mile Island, Wilson Lake from Wheeler Dam downstream to the mouth of Town Creek on the south bank and the mouth of Bluewater Creek on the north bank, and the Cahaba River.

**RT – Regulated Turtle:** Species for which the Turtle Catcher/Dealer/Farmer Regulation (Regulation 220-2-.142) imposes a limit on the number which can be possessed or size limits.

**GA – Game Animal** (Managed hunting regulations).

**GANOS – Game Animal - No Open Season:** Species designated a game animal by Regulation 220-2-.07, but for which there is no open season.

**GB – Game Bird** (Managed hunting regulations).

**GBNOS – Game Bird - No Open Season:** Species designated a game bird by Regulation 220-2-.04, but for which there is no open season.

**GF – Game Fish** (Managed fishing regulations).

**GF-HP – Game Fish – Harvest Prohibited:** Species designated a game fish by Regulation 220-2-.34, but harvest of the species in the state is prohibited.

**CNGF – Commercial or Non-Game Fish** (Managed fishing regulations).

## **State Wildlife Action Plan (SWAP) Status Definitions**

In order to receive funds through the Wildlife Conservation and Restoration Program and the State Wildlife Grants Program, Congress charged each state and territory with developing a wildlife action plan. These proactive plans, known technically as “comprehensive wildlife conservation strategies,” assess the health of each state’s wildlife and habitats, identify the problems they face, and outline the actions that are needed to conserve them over the long term. The wildlife action plans identify a variety of actions aimed at preventing wildlife from declining to the point of becoming endangered, and outline the steps that are needed to conserve wildlife and habitat before they become rarer and more costly to protect. One component of the plan was identifying Species of Greatest Conservation Need (GCN). Species were assigned a status based on the expert opinion of taxa committees. The taxa evaluated for inclusion on the SGCN list were birds, mammals, amphibians, reptiles, fishes, mussels, aquatic snails, and crayfishes.

### SWAP Status Code Definitions

- P1 Priority 1/Highest Conservation Concern: taxa critically imperiled and at risk of extinction/extirpation because of extreme rarity, restricted distribution, decreasing population trend/population viability problems, and specialized habitat needs/habitat vulnerability due to natural/human-caused factors. Immediate research and/or conservation action required.
- P2 Priority 2/High Conservation Concern: taxa imperiled because of three or four of the following: rarity; very limited, disjunct, or peripheral distribution; decreasing population trend/population viability problems; specialized habitat needs/habitat vulnerability due to natural/human-caused factors. Timely research and/or conservation action needed.
- EX Extirpated: taxa that historically occurred in Alabama, but are now absent; may be rediscovered in the state, or be reintroduced from populations existing outside the state.
- EXCAU Extirpated/Conservation Action Underway: taxa that historically occurred in Alabama, were absent for a period of time, and currently are being reintroduced, or have a plan for being reintroduced, into the state from populations outside the state.
- Extinct Extinct: taxa that historically occurred in Alabama, but are no longer alive anywhere within their former distribution.

| SCIENTIFIC NAME                            | COMMON NAME                 | GLOBAL RANK | STATE RANK | FEDERAL STATUS | STATE STATUS |
|--|-----------------------------|-------------|------------|----------------|--------------|
| <b>Mammals</b>                             |                             |             |            |                |              |
| <i>Bos bison</i>                           | American Bison              | G4          | SX         |                |              |
| <i>Canis rufus</i>                         | Red Wolf                    | G1Q         | SX         | LE             | GANOS        |
| <i>Cervus elaphus</i>                      | Elk                         | G5          | SX         |                |              |
| <i>Corynorhinus rafinesquii</i>            | Rafinesque's Big-eared Bat  | G3G4        | S2         |                | SP           |
| <i>Geomys pinetis</i>                      | Southeastern Pocket Gopher  | G5          | S3         |                | SP           |
| <i>Lasiurus intermedius</i>                | Northern Yellow Bat         | G5          | S1         |                | SP           |
| <i>Microtus ochrogaster</i>                | Prairie Vole                | G5          | S2         |                |              |
| <i>Mustela frenata</i>                     | Long-tailed Weasel          | G5          | S3         |                | SP           |
| <i>Myotis austroriparius</i>               | Southeastern Myotis         | G4          | S2         |                | SP           |
| <i>Myotis grisescens</i>                   | Gray Myotis                 | G4          | S2         | LE             | SP           |
| <i>Myotis leibii</i>                       | Eastern Small-footed Myotis | G4          | SNA        |                |              |
| <i>Myotis lucifugus</i>                    | Little Brown Myotis         | G3          | S3         |                | SP           |
| <i>Myotis septentrionalis</i>              | Northern Myotis             | G1G2        | S2         | LT             | SP           |
| <i>Myotis sodalis</i>                      | Indiana Myotis              | G2          | S2         | LE             | SP           |
| <i>Neotoma magister</i>                    | Allegheny Woodrat           | G3G4        | S3         |                |              |
| <i>Perimyotis subflavus</i>                | Tri-colored Bat             | G2G3        | S3         | UR             |              |
| <i>Peromyscus polionotus ammobates</i>     | Alabama Beach Mouse         | G5T1        | S1         | LE             | SP           |
| <i>Peromyscus polionotus trissyllepsis</i> | Perdido Key Beach Mouse     | G5T1        | S1         | LE             | SP           |
| <i>Puma concolor</i>                       | Cougar                      | G5          | SX         | LE             | GANOS        |
| <i>Sorex fumeus</i>                        | Smoky Shrew                 | G5          | S1         |                | SP           |
| <i>Sorex hoyi</i>                          | American Pygmy Shrew        | G5          | S1         |                | SP           |
| <i>Spilogale putorius</i>                  | Eastern Spotted Skunk       | G4          | S2S3       |                | SP           |
| <i>Sylvilagus obscurus</i>                 | Appalachian Cottontail      | G4          | S1         |                | GA           |
| <i>Sylvilagus palustris</i>                | Marsh Rabbit                | G5          | S3         |                | GA           |
| <i>Tadarida brasiliensis</i>               | Brazilian Free-tailed Bat   | G5          | S3         |                |              |
| <i>Trichechus manatus</i>                  | West Indian Manatee         | G2G3        | S1         | LT             | SP           |
| <i>Ursus americanus</i>                    | American Black Bear         | G5          | S2         |                | SP           |
| <i>Zapus hudsonius</i>                     | Meadow Jumping Mouse        | G5          | S1         |                | SP           |
| <b>Birds</b>                               |                             |             |            |                |              |
| <i>Ammodramus henslowii</i>                | Henslow's Sparrow           | G4          | S2N        |                | SP           |
| <i>Ammodramus leconteii</i>                | Le Conte's Sparrow          | G5          | S3N        |                | SP           |
| <i>Ammodramus maritimus</i>                | Seaside Sparrow             | G4          | S2         |                | SP           |
| <i>Ammodramus nelsoni</i>                  | Nelson's Sparrow            | G5          | S3N        |                | SP           |
| <i>Anas fulvigula</i>                      | Mottled Duck                | G4          | S2N,S3B    |                | GB           |
| <i>Anas rubripes</i>                       | American Black Duck         | G5          | S2B,S5N    |                | GB           |
| <i>Asio flammeus</i>                       | Short-eared Owl             | G5          | S2N        |                | SP           |
| <i>Athene cunicularia</i>                  | Burrowing Owl               | G4          | S2N        |                | SP           |
| <i>Bonasa umbellus</i>                     | Ruffed Grouse               | G5          | S1         |                | GBNOS        |
| <i>Botaurus lentiginosus</i>               | American Bittern            | G5          | S3N        |                | SP           |

| SCIENTIFIC NAME                           | COMMON NAME                | GLOBAL RANK | STATE RANK | FEDERAL STATUS | STATE STATUS |
|---|----------------------------|-------------|------------|----------------|--------------|
| <i>Calidris canutus</i>                   | Red Knot                   | G4          | S2N        | LT             | SP           |
| <i>Campephilus principalis</i>            | Ivory-billed Woodpecker    | G1          | SX         | LE             | SP           |
| <i>Charadrius melanotos</i>               | Piping Plover              | G3          | S1N        | LT             | SP           |
| <i>Charadrius nivosus</i>                 | Snowy Plover               | G3          | S1B,S2N    |                | SP           |
| <i>Charadrius wilsonia</i>                | Wilson's Plover            | G5          | S1         |                | SP           |
| <i>Chondestes grammacus</i>               | Lark Sparrow               | G5          | S3B        |                | SP           |
| <i>Circus hudsonius</i>                   | Northern Harrier           | G5          | S3N        |                | SP           |
| <i>Cistothorus palustris</i>              | Marsh Wren                 | G5          | S2B,S4N    |                | SP           |
| <i>Coccyzus erythrophthalmus</i>          | Black-billed Cuckoo        | G5          | S1B        |                | SP           |
| <i>Columbina passerina</i>                | Common Ground-dove         | G5          | S3         |                | SP           |
| <i>Corvus corax</i>                       | Common Raven               | G5          | SX         |                |              |
| <i>Coturnicops noveboracensis</i>         | Yellow Rail                | G4          | S2N        |                | GB           |
| <i>Crotophaga sulcirostris</i>            | Groove-billed Ani          | G5          | S2N        |                | SP           |
| <i>Dryobates borealis</i>                 | Red-cockaded Woodpecker    | G3          | S2         | PT             | SP           |
| <i>Egretta rufescens</i>                  | Reddish Egret              | G4          | S1B,S3N    |                | SP           |
| <i>Elanoides forficatus</i>               | Swallow-tailed Kite        | G5          | S2         |                | SP           |
| <i>Empidonax traillii</i>                 | Willow Flycatcher          | G5          | S1B        | SC             | SP           |
| <i>Eudocimus albus</i>                    | White Ibis                 | G5          | S2B,S3N    |                | SP           |
| <i>Falco peregrinus</i>                   | Peregrine Falcon           | G4          | SHB,S3N    | SC             | SP           |
| <i>Falco sparverius</i>                   | American Kestrel           | G5          | S3B,S5N    |                | SP           |
| <i>Gelochelidon nilotica</i>              | Gull-billed Tern           | G5          | S2B,S4N    |                | SP           |
| <i>Grus americana</i>                     | Whooping Crane             | G1          | S1N        | LE,XN          | SP           |
| <i>Grus canadensis pulla</i>              | Mississippi Sandhill Crane | G5T1        | SH         | LE             | SP           |
| <i>Haematopus palliatus</i>               | American Oystercatcher     | G5          | S1         |                | SP           |
| <i>Hydroprogne caspia</i>                 | Caspian Tern               | G5          | S2B,S4N    |                | SP           |
| <i>Ixobrychus exilis</i>                  | Least Bittern              | G4G5        | S2N,S4B    |                | SP           |
| <i>Laterallus jamaicensis jamaicensis</i> | Eastern Black Rail         | G3TNR       | S2N        | LT             | GB           |
| <i>Loxia curvirostra</i>                  | Red Crossbill              | G5          | S1B        |                | SP           |
| <i>Mycteria americana</i>                 | Wood Stork                 | G4          | S2N        | LT             | SP           |
| <i>Numenius americanus</i>                | Long-billed Curlew         | G5          | S2N        |                | SP           |
| <i>Passerina ciris</i>                    | Painted Bunting            | G5          | S2B        |                | SP           |
| <i>Peucaea aestivalis</i>                 | Bachman's Sparrow          | G3          | S3         |                | SP           |
| <i>Plegadis falcinellus</i>               | Glossy Ibis                | G5          | S1B,S3N    |                | SP           |
| <i>Porphyrio martinicus</i>               | Purple Gallinule           | G5          | S2B        |                | GB           |
| <i>Rallus crepitans</i>                   | Clapper Rail               | G5          | S2         | SC             | GB           |
| <i>Rallus elegans</i>                     | King Rail                  | G4          | S2S3B,S4N  | SC             | GB           |
| <i>Rynchops niger</i>                     | Black Skimmer              | G5          | S2B,S4N    |                | SP           |
| <i>Scolopax minor</i>                     | American Woodcock          | G5          | S3B,S5N    |                | GB           |
| <i>Setophaga cerulea</i>                  | Cerulean Warbler           | G4          | S1B        |                | SP           |
| <i>Setophaga petechia</i>                 | Yellow Warbler             | G5          | S2B        |                | SP           |
| <i>Sterna forsteri</i>                    | Forster's Tern             | G5          | S1B,S5N    |                | SP           |
| <i>Sterna hirundo</i>                     | Common Tern                | G5          | S1B,S4N    |                | SP           |

| SCIENTIFIC NAME                                | COMMON NAME                        | GLOBAL RANK | STATE RANK | FEDERAL STATUS | STATE STATUS |
|--|------------------------------------|-------------|------------|----------------|--------------|
| <i>Sternula antillarum</i>                     | Least Tern                         | G4          | S2B,S4N    |                | SP           |
| <i>Thalasseus maximus</i>                      | Royal Tern                         | G5          | S2B,S5N    |                | SP           |
| <i>Thalasseus sandvicensis</i>                 | Sandwich Tern                      | G5          | S1B,S5N    |                | SP           |
| <i>Thryomanes bewickii</i>                     | Bewick's Wren                      | G5          | SHB,S1N    |                | SP           |
| <i>Tringa semipalmata</i>                      | Willet                             | G5          | S2B,S5N    |                | SP           |
| <i>Tyrannus dominicensis</i>                   | Gray Kingbird                      | G5          | S1B        |                | SP           |
| <i>Tyrannus forficatus</i>                     | Scissor-tailed Flycatcher          | G5          | S2         |                | SP           |
| <i>Vermivora bachmanii</i>                     | Bachman's Warbler                  | GH          | SX         | LE             | SP           |
| <i>Vireo gilvus</i>                            | Warbling Vireo                     | G5          | S1B        |                | SP           |
| <i>Vireo solitarius</i>                        | Blue-headed Vireo                  | G5          | S3B,S4N    |                | SP           |
| <i>Zenaida asiatica</i>                        | White-winged Dove                  | G5          | S2B,S3N    |                | GB           |
| <b>Reptiles</b>                                |                                    |             |            |                |              |
| <i>Apalone ferox</i>                           | Florida Softshell                  | G5          | S2         |                | RT           |
| <i>Caretta caretta</i>                         | Loggerhead Sea Turtle              | G3          | S1         | LT             | SP           |
| <i>Chelonia mydas</i>                          | Green Sea Turtle                   | G3          | S1         | LT             | SP           |
| <i>Coluber flagellum</i>                       | Coachwhip                          | G5          | S3         |                | SP           |
| <i>Crotalus adamanteus</i>                     | Eastern Diamond-backed Rattlesnake | G3          | S3         | UR             |              |
| <i>Deirochelys reticularia reticularia</i>     | Eastern Chicken Turtle             | G5          | S2S3       |                |              |
| <i>Dermochelys coriacea</i>                    | Leatherback Sea Turtle             | G2          | SNA        | LE             | SP           |
| <i>Drymarchon couperi</i>                      | Eastern Indigo Snake               | G3          | S1         | LT             | SP           |
| <i>Farancia erytrogramma</i>                   | Rainbow Snake                      | G4          | S3         |                | SP           |
| <i>Gopherus polyphemus</i>                     | Gopher Tortoise                    | G3          | S3         | LT, C          | SP           |
| <i>Graptemys barbouri</i>                      | Barbour's Map Turtle               | G2          | S2         |                | SP           |
| <i>Graptemys ernsti</i>                        | Escambia Map Turtle                | G2          | S2         | UR             | SP           |
| <i>Graptemys geographica</i>                   | Northern Map Turtle                | G5          | S3         |                |              |
| <i>Graptemys ouachitensis</i>                  | Southern Map Turtle                | G5          | S3         |                |              |
| <i>Graptemys pulchra</i>                       | Alabama Map Turtle                 | G4          | S3         | UR             | SP           |
| <i>Heterodon simus</i>                         | Southern Hog-nosed Snake           | G2          | SH         | UR             | SP           |
| <i>Lampropeltis calligaster calligaster</i>    | Prairie Kingsnake                  | G5          | S1S2       |                | SP           |
| <i>Lampropeltis calligaster rhombomaculata</i> | Mole Kingsnake                     | G5          | S3         |                |              |
| <i>Lampropeltis getula</i>                     | Eastern Kingsnake                  | G5          | S5         |                | SP           |
| <i>Lampropeltis nigra holbrooki</i>            | Eastern Speckled Kingsnake         | G5TNR       | S3         |                | SP           |
| <i>Lampropeltis triangulum syspila</i>         | Red Milksnake                      | G5T5        | S2         |                |              |
| <i>Lampropeltis triangulum triangulum</i>      | Eastern Milksnake                  | G5T5        | S2         |                |              |
| <i>Lepidochelys kempii</i>                     | Kemp's Ridley Sea Turtle           | G1          | S1         | LE             | SP           |
| <i>Liodytes pygaea</i>                         | Black Swampsnake                   | G5          | S1         |                |              |
| <i>Macrochelys temminckii</i>                  | Alligator Snapping Turtle          | G3          | S3         | UR             | SP           |

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| <i>Malaclemys terrapin pileata</i>         | Mississippi Diamond-backed Terrapin | G4T3Q       | S2         |                | SP           |
| <i>Micruurus fulvius</i>                   | Harlequin Coralsnake                | G5          | S3         |                | SP           |
| <i>Nerodia clarkii clarkii</i>             | Gulf Saltmarsh Watersnake           | G4T3        | S2         |                | SP           |
| <i>Nerodia cyclopion</i>                   | Mississippi Green Watersnake        | G5          | S1S2       |                |              |
| <i>Nerodia floridana</i>                   | Florida Green Watersnake            | G5          | S1S2       |                |              |
| <i>Nerodia taxispilota</i>                 | Brown Watersnake                    | G5          | S3         |                |              |
| <i>Ophisaurus attenuatus</i>               | Slender Glass Lizard                | G5          | S3         |                |              |
| <i>Ophisaurus mimicus</i>                  | Mimic Glass Lizard                  | G3          | S1         |                | SP           |
| <i>Pituophis melanoleucus lodingi</i>      | Black Pinesnake                     | G4T1?       | S2         | LT             | SP           |
| <i>Pituophis melanoleucus melanoleucus</i> | Northern Pinesnake                  | G4T4        | S3         | SC             | SP           |
| <i>Pituophis melanoleucus mugitus</i>      | Florida Pinesnake                   | G4T3        | S2         | UR             | SP           |
| <i>Plestiodon anthracinus</i>              | Coal Skink                          | G5          | S3         |                | SP           |
| <i>Plestiodon inexpectatus</i>             | Southeastern Five-lined Skink       | G5          | S3         |                | SP           |
| <i>Pseudemys alabamensis</i>               | Alabama Red-bellied Cooter          | G1          | S1         | LE             | SP           |
| <i>Rhadinaea flavilata</i>                 | Pine Woods Littersnake              | G4          | S2         |                |              |
| <i>Sternotherus carinatus</i>              | Razor-backed Musk Turtle            | G5          | S1         |                |              |
| <i>Sternotherus depressus</i>              | Flattened Musk Turtle               | G1          | S2         | LT             | SP           |
| <b>Amphibians</b>                          |                                     |             |            |                |              |
| <i>Ambystoma bishopi</i>                   | Reticulated Flatwoods Salamander    | G2          | SX         | LE             | SP           |
| <i>Ambystoma texanum</i>                   | Small-mouthed Salamander            | G5          | S3         |                |              |
| <i>Ambystoma tigrinum</i>                  | Eastern Tiger Salamander            | G5          | S3         |                |              |
| <i>Amphiuma means</i>                      | Two-toed Amphiuma                   | G5          | S3         |                |              |
| <i>Amphiuma pholeter</i>                   | One-toed Amphiuma                   | G3          | S1         |                | SP           |
| <i>Amphiuma tridactylum</i>                | Three-toed Amphiuma                 | G5          | S3         |                |              |
| <i>Aneides aeneus</i>                      | Green Salamander                    | G3G4        | S3         | UR             | SP           |
| <i>Cryptobranchus alleganiensis</i>        | Hellbender                          | G3          | S1S2       | UR             | SP           |
| <i>Desmognathus aeneus</i>                 | Seepage Salamander                  | G3G4        | S2         | UR             | SP           |
| <i>Desmognathus apalachicolae</i>          | Apalachicola Dusky Salamander       | G4          | S3         |                |              |
| <i>Desmognathus auriculatus</i>            | Southern Dusky Salamander           | G4          | S2         |                | SP           |
| <i>Desmognathus monticola</i>              | Seal Salamander                     | G5          | S5         |                | SP           |
| <i>Desmognathus ocoee</i>                  | Ocoee Salamander                    | G5          | S2         |                |              |
| <i>Gyrinophilus pallaeucus pallaeucus</i>  | Pale Salamander                     | G2G3T2      | S2         | UR             | SP           |
| <i>Hyla andersonii</i>                     | Pine Barrens Treefrog               | G4          | S2         |                | SP           |

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| <i>Lithobates areolatus</i>         | Crawfish Frog                  | G4          | S1         |                |              |
| <i>Lithobates capito</i>            | Gopher Frog                    | G2G3        | S2         | UR             | SP           |
| <i>Lithobates heckscheri</i>        | River Frog                     | G5          | S1         |                | SP           |
| <i>Lithobates sevosus</i>           | Dusky Gopher Frog              | G1          | SH         | LE             | SP           |
| <i>Lithobates sylvaticus</i>        | Wood Frog                      | G5          | S2         |                |              |
| <i>Necturus alabamensis</i>         | Black Warrior Waterdog         | G1          | S1         | LE             | SP           |
| <i>Necturus maculosus</i>           | Mudpuppy                       | G5          | S2         |                |              |
| <i>Necturus moleri</i>              | Apalachicola Waterdog          | GNR         | S1         |                |              |
| <i>Necturus mounti</i>              | Escambia Waterdog              | GNR         | S1         |                |              |
| <i>Phaeognathus hubrichti</i>       | Red Hills Salamander           | G2          | S2         | LT             | SP           |
| <i>Plethodon serratus</i>           | Southern Red-backed Salamander | G5          | S2S3       |                |              |
| <i>Pseudacris ocularis</i>          | Little Grass Frog              | G5          | S1         |                |              |
| <i>Siren lacertina</i>              | Greater Siren                  | G5          | S1         |                |              |
| <i>Siren reticulata</i>             | Reticulated Siren              | GNR         | S1         |                |              |
| <b>Fishes</b>                       |                                |             |            |                |              |
| <i>Acantharchus pomotis</i>         | Mud Sunfish                    | G4G5        | S1         |                |              |
| <i>Acipenser fulvescens</i>         | Lake Sturgeon                  | G3G4        | S1         |                | SP           |
| <i>Acipenser oxyrinchus desotoi</i> | Gulf Sturgeon                  | G3T2T3      | S1         | LT             | SP           |
| <i>Alosa alabamae</i>               | Alabama Shad                   | G2G3        | S2         | SC             | SP           |
| <i>Ameiurus brunneus</i>            | Snail Bullhead                 | G4          | S3         |                | CNGF         |
| <i>Ameiurus catus</i>               | White Catfish                  | G5          | S3         |                | CNGF         |
| <i>Ameiurus serracanthus</i>        | Spotted Bullhead               | G3          | S2         |                | CNGF         |
| <i>Ammocrypta bifascia</i>          | Florida Sand Darter            | G4          | S3         |                |              |
| <i>Ammocrypta vivax</i>             | Scaly Sand Darter              | G5          | S1         |                |              |
| <i>Atractosteus spatula</i>         | Alligator Gar                  | G3G4        | S2         |                | CNGF         |
| <i>Campostoma pauciradii</i>        | Bluefin Stoneroller            | G4          | S3         |                |              |
| <i>Carpio carpio</i>                | River Carpsucker               | G5          | S2         |                | CNGF         |
| <i>Chrosomus erythrogaster</i>      | Southern Redbelly Dace         | G5          | S3         |                |              |
| <i>Cottus bairdii</i>               | Mottled Sculpin                | G5          | S2         |                |              |
| <i>Cottus paulus</i>                | Pygmy Sculpin                  | G1          | S1         | LT             | SP           |
| <i>Cottus tallapoosae</i>           | Tallapoosa Sculpin             | G4          | S3         |                |              |
| <i>Crystallaria asprella</i>        | Crystal Darter                 | G3          | S3         |                | SP           |
| <i>Cycleptus elongatus</i>          | Blue Sucker                    | G3G4        | S1         |                | CNGF         |
| <i>Cycleptus meridionalis</i>       | Southeastern Blue Sucker       | G3G4        | S3         |                | CNGF         |
| <i>Cyprinella caerulea</i>          | Blue Shiner                    | G2          | S1         | LT             | SP           |
| <i>Cyprinella callitaenia</i>       | Bluestripe Shiner              | G2G3        | S1         |                |              |
| <i>Cyprinella gibbsi</i>            | Tallapoosa Shiner              | G4          | S3         |                |              |
| <i>Elassoma alabamae</i>            | Spring Pygmy Sunfish           | G1          | S1         | LT             | SP           |
| <i>Elassoma evergladei</i>          | Everglades Pygmy Sunfish       | G5          | S3         |                |              |
| <i>Enneacanthus gloriosus</i>       | Bluespotted Sunfish            | G5          | S3         |                | GF           |
| <i>Enneacanthus obesus</i>          | Banded Sunfish                 | G5          | S1         |                | GF           |
| <i>Erimonax monachus</i>            | Spotfin Chub                   | G2          | SX         | LT, XN         | SP           |

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| <i>Erimystax dissimilis</i>            | Streamline Chub            | G4          | S1S2       |                |              |
| <i>Erimystax insignis</i>              | Blotched Chub              | G4          | S2         |                |              |
| <i>Etheostoma bellator</i>             | Warrior Darter             | G2          | S2         |                |              |
| <i>Etheostoma blennioides</i>          | Greenside Darter           | G5          | S3         |                |              |
| <i>Etheostoma blennius</i>             | Blenny Darter              | G4          | S2         |                |              |
| <i>Etheostoma boschungi</i>            | Slackwater Darter          | G1          | S1         | LT             | SP           |
| <i>Etheostoma brevirostrum</i>         | Holiday Darter             | G2          | S1         |                | SP           |
| <i>Etheostoma camurum</i>              | Bluebreast Darter          | G4          | S1         |                |              |
| <i>Etheostoma chermocki</i>            | Vermilion Darter           | G1          | S1         | LE             | SP           |
| <i>Etheostoma chuckwachatte</i>        | Lipstick Darter            | G3          | S2         |                | SP           |
| <i>Etheostoma cinereum</i>             | Ashy Darter                | G2G3        | SX         | UR             |              |
| <i>Etheostoma corona</i>               | Crown Darter               | G3          | S2         |                |              |
| <i>Etheostoma crossopteron</i>         | Fringed Darter             | G4          | S1         |                |              |
| <i>Etheostoma davisoni</i>             | Choctawhatchee Darter      | G4          | S3         |                |              |
| <i>Etheostoma ditrema</i>              | Coldwater Darter           | G2          | S2         |                | SP           |
| <i>Etheostoma douglasi</i>             | Tuskaloosa Darter          | G3          | S3         |                |              |
| <i>Etheostoma flabellare</i>           | Fantail Darter             | G5          | S3         |                |              |
| <i>Etheostoma fusiforme</i>            | Swamp Darter               | G5          | S3         |                |              |
| <i>Etheostoma histrio</i>              | Harlequin Darter           | G5          | S3         |                |              |
| <i>Etheostoma jessiae</i>              | Blueside Darter            | G4          | S3         |                |              |
| <i>Etheostoma kennicotti</i>           | Stripetail Darter          | G4G5        | S3         |                |              |
| <i>Etheostoma lynceum</i>              | Brighteye Darter           | G5          | S1         |                | SP           |
| <i>Etheostoma neopterum</i>            | Lollypop Darter            | G3          | S1         |                | SP           |
| <i>Etheostoma nuchale</i>              | Watercress Darter          | G1          | S1         | LE             | SP           |
| <i>Etheostoma phytophilum</i>          | Rush Darter                | G1          | S1         | LE             | SP           |
| <i>Etheostoma rufilineatum</i>         | Redline Darter             | G5          | S3         |                |              |
| <i>Etheostoma sp. cf. bellator "A"</i> | Sipsey Darter              | G2          | S2         |                |              |
| <i>Etheostoma sp. cf. bellator "B"</i> | Locust Fork Darter         | GNR         | S1         |                |              |
| <i>Etheostoma sp. cf. zonistium</i>    | Blueface Darter            | G1          | S1         |                |              |
| <i>Etheostoma tallapoosae</i>          | Tallapoosa Darter          | G4          | S3         |                |              |
| <i>Etheostoma tennesseense</i>         | Tennessee Darter           | G5          | S3         |                |              |
| <i>Etheostoma trisella</i>             | Trispot Darter             | G1          | S1         | LT             | SP           |
| <i>Etheostoma tuscumbia</i>            | Tuscumbia Darter           | G2          | S2         | UR             | SP           |
| <i>Etheostoma wapiti</i>               | Boulder Darter             | G1          | S1         | LE, XN         | SP           |
| <i>Etheostoma zonale</i>               | Banded Darter              | G5          | S2         |                |              |
| <i>Etheostoma zonifer</i>              | Backwater Darter           | G4          | S3         |                |              |
| <i>Etheostoma zonistium</i>            | Bandfin Darter             | G4G5        | S1         |                |              |
| <i>Fundulus bifax</i>                  | Stippled Stdfish           | G2G3        | S2         |                |              |
| <i>Fundulus blairae</i>                | Western Starhead Topminnow | G4          | S3         |                |              |
| <i>Fundulus catenatus</i>              | Northern Stdfish           | G5          | S3S4       |                |              |
| <i>Fundulus chrysotus</i>              | Golden Topminnow           | G5          | S3         |                |              |

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| <i>Fundulus cingulatus</i>          | Banded Topminnow           | G4          | S2         |                |              |
| <i>Fundulus confluentus</i>         | Marsh Killifish            | G5          | S2         |                |              |
| <i>Fundulus dispar</i>              | Starhead Topminnow         | G4          | S2         |                |              |
| <i>Fundulus escambiae</i>           | Russetfin Topminnow        | G4          | S3         |                |              |
| <i>Fundulus jenkinsi</i>            | Saltmarsh Topminnow        | G3          | S1         | SC             |              |
| <i>Fundulus notatus</i>             | Blackstripe Topminnow      | G5          | S3         |                |              |
| <i>Fundulus notti</i>               | Bayou Topminnow            | G5          | S3         |                |              |
| <i>Fundulus pulvereus</i>           | Bayou Killifish            | G5          | S2         |                |              |
| <i>Hemitremia flammea</i>           | Flame Chub                 | G3          | S3         |                |              |
| <i>Heterandria formosa</i>          | Least Killifish            | G5          | S3         |                |              |
| <i>Hiodon alosoides</i>             | Goldeye                    | G5          | SX         |                |              |
| <i>Hiodon tergisus</i>              | Moooneye                   | G5          | S3S4       |                |              |
| <i>Hybognathus hayi</i>             | Cypress Minnow             | G4G5        | S3         |                |              |
| <i>Hybognathus nuchalis</i>         | Mississippi Silvery Minnow | G5          | S4         |                |              |
| <i>Hybopsis amblops</i>             | Bigeye Chub                | G5          | S3         |                |              |
| <i>Hybopsis lineapunctata</i>       | Lined Chub                 | G3G4        | S3         |                |              |
| <i>Ichthyomyzon greeleyi</i>        | Mountain Brook Lamprey     | G4          | S2         |                |              |
| <i>Ictiobus cyprinellus</i>         | Bigmouth Buffalo           | G5          | S2S3       | CNGF           |              |
| <i>Ictiobus niger</i>               | Black Buffalo              | G5          | S2S3       | CNGF           |              |
| <i>Lepisosteus platostomus</i>      | Shortnose Gar              | G5          | SX         | CNGF           |              |
| <i>Leptolucania ommata</i>          | Pygmy Killifish            | G5          | S1         |                |              |
| <i>Lethenteron appendix</i>         | American Brook Lamprey     | G4          | S1         |                |              |
| <i>Lucania goodei</i>               | Bluefin Killifish          | G5          | S1         |                |              |
| <i>Lucania parva</i>                | Rainwater Killifish        | G5          | S3         |                |              |
| <i>Luxilus coccogenis</i>           | Warpaint Shiner            | G5          | S1         |                |              |
| <i>Luxilus zonistius</i>            | Bandfin Shiner             | G4          | S3         |                |              |
| <i>Lythrurus fumeus</i>             | Ribbon Shiner              | G5          | S2         |                |              |
| <i>Lythrurus lirus</i>              | Mountain Shiner            | G4          | S3         |                |              |
| <i>Lythrurus roseipinnis</i>        | Cherryfin Shiner           | G5          | S2         |                |              |
| <i>Macrhybopsis hyostoma</i>        | Shoal Chub                 | G5          | S2         |                |              |
| <i>Macrhybopsis pallida</i>         | Pallid Chub                | G3          | S3         |                |              |
| <i>Micropterus cataractae</i>       | Shoal Bass                 | G3          | S2         | GF-HP          |              |
| <i>Moxostoma anisurum</i>           | Silver Redhorse            | G5          | S2         | CNGF           |              |
| <i>Moxostoma breviceps</i>          | Shorthead Redhorse         | G5          | S3         | CNGF           |              |
| <i>Moxostoma lachneri</i>           | Greater Jumprock           | G4          | S3         | CNGF           |              |
| <i>Moxostoma sp. cf. poecilurum</i> | Apalachicola Redhorse      | G3          | S2         | CNGF           |              |
| <i>Nocomis micropogon</i>           | River Chub                 | G5          | S2         |                |              |
| <i>Notropis albizonatus</i>         | Palezone Shiner            | G1          | S1         | LE             | SP           |
| <i>Notropis ariommus</i>            | Popeye Shiner              | G3          | SX         | UR             |              |
| <i>Notropis boops</i>               | Bigeye Shiner              | G5          | S2         |                |              |
| <i>Notropis buchanani</i>           | Ghost Shiner               | G5          | S2         |                |              |
| <i>Notropis cahabae</i>             | Cahaba Shiner              | G2          | S2         | LE             | SP           |

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| <i>Notropis chalybaeus</i>            | Ironcolor Shiner    | G4          | SH         |                | SP           |
| <i>Notropis cummingsae</i>            | Dusky Shiner        | G5          | S2         |                |              |
| <i>Notropis harperi</i>               | Redeye Chub         | G4          | S3         |                |              |
| <i>Notropis hypsilepis</i>            | Highscale Shiner    | G3          | S2         |                |              |
| <i>Notropis leuciodus</i>             | Tennessee Shiner    | G5          | S1         |                |              |
| <i>Notropis maculatus</i>             | Taillight Shiner    | G5          | S3         |                |              |
| <i>Notropis melanostomus</i>          | Blackmouth Shiner   | G2          | S1         |                | SP           |
| <i>Notropis micropteryx</i>           | Highland Shiner     | G5          | S2         |                |              |
| <i>Notropis petersoni</i>             | Coastal Shiner      | G5          | S2         |                |              |
| <i>Notropis photogenis</i>            | Silver Shiner       | G5          | S1         |                |              |
| <i>Notropis sp. cf. spectrunculus</i> | Sawfin Shiner       | G4          | S2         |                |              |
| <i>Notropis telescopus</i>            | Telescope Shiner    | G5          | S3         |                |              |
| <i>Notropis uranoscopus</i>           | Skygazer Shiner     | G3          | S2         |                |              |
| <i>Notropis wickliffei</i>            | Channel Shiner      | G5          | S1         |                |              |
| <i>Noturus crypticus</i>              | Chucky Madtom       | G1          | SX         | LE             | CNGF         |
| <i>Noturus elegans</i>                | Elegant Madtom      | G4          | SX         |                | CNGF         |
| <i>Noturus eleutherus</i>             | Mountain Madtom     | G4          | S1         |                | CNGF         |
| <i>Noturus exilis</i>                 | Slender Madtom      | G5          | S3         |                | CNGF         |
| <i>Noturus miurus</i>                 | Brindled Madtom     | G5          | S1         |                | CNGF         |
| <i>Noturus munitus</i>                | Frecklebelly Madtom | G3          | S2         | UR             | SP,<br>CNGF  |
| <i>Noturus nocturnus</i>              | Freckled Madtom     | G5          | S3         |                | CNGF         |
| <i>Noturus sp. cf. flavus</i>         | Highlands Stonecat  | G5T4Q       | S1         |                | CNGF         |
| <i>Percina aurolineata</i>            | Goldline Darter     | G2          | S1         | LT             | SP           |
| <i>Percina austroperca</i>            | Southern Logperch   | G3          | S2         |                |              |
| <i>Percina brevicauda</i>             | Coal Darter         | G2          | S2         | UR             |              |
| <i>Percina burtoni</i>                | Blotchside Logperch | G2G3        | S1         |                | SP           |
| <i>Percina crypta</i>                 | Halloween Darter    | G2          | S1         | UR             | SP           |
| <i>Percina evides</i>                 | Gilt Darter         | G4          | S2         |                |              |
| <i>Percina lenticula</i>              | Freckled Darter     | G3          | S2S3       |                |              |
| <i>Percina palmaris</i>               | Bronze Darter       | G4          | S3         |                |              |
| <i>Percina phoxocephala</i>           | Slenderhead Darter  | G5          | S2         |                | SP           |
| <i>Percina shumardi</i>               | River Darter        | G5          | S3         |                |              |
| <i>Percina sarsi</i>                  | Bankhead Darter     | G1          | S1         | UR             | SP           |
| <i>Percina smithvanizi</i>            | Muscadine Darter    | G3          | S2         |                |              |
| <i>Percina suttkusi</i>               | Gulf Logperch       | G5          | S3         |                |              |
| <i>Percina tanasi</i>                 | Snail Darter        | G2G3        | S1         | LT, PDL        | SP           |
| <i>Phenacobius mirabilis</i>          | Suckermouth Minnow  | G5          | S1         |                |              |
| <i>Phenacobius uranops</i>            | Stargazing Minnow   | G4          | S1S2       |                |              |
| <i>Poecilia latipinna</i>             | Sailfin Molly       | G5          | S2         |                |              |
| <i>Polyodon spathula</i>              | Paddlefish          | G4          | S3         |                | SP,<br>CNGF  |
| <i>Pteronotropis euryzonus</i>        | Broadstripe Shiner  | G3          | S2         |                |              |
| <i>Pteronotropis grandipinnis</i>     | Apalachee Shiner    | G4          | S2         |                |              |

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| <i>Pteronotropis merlini</i>       | Orangetail Shiner        | G3G4        | S3         |                |              |
| <i>Pteronotropis signipinnis</i>   | Flagfin Shiner           | G5          | S3         |                |              |
| <i>Pteronotropis welaka</i>        | Bluenose Shiner          | G3G4        | S2         |                |              |
| <i>Sander sp. cf. vitreus</i>      | Southern Walleye         | G3          | S1         |                | GF           |
| <i>Scaphirhynchus platorynchus</i> | Shovelnose Sturgeon      | G4          | SX         | SAT(LT)        | SP           |
| <i>Scaphirhynchus suttkusi</i>     | Alabama Sturgeon         | G1          | S1         | LE             | SP           |
| <i>Speoplatyrhinus poulsoni</i>    | Alabama Cavefish         | G1          | S1         | LE             | SP           |
| <i>Typhlichthys subterraneus</i>   | Southern Cavefish        | G4          | S3         |                | SP           |
| <b>Freshwater Mussels</b>          |                          |             |            |                |              |
| <i>Actinonaias ligamentina</i>     | Mucket                   | G5          | S2         |                | PSM          |
| <i>Actinonaias pectorosa</i>       | Pheasantshell            | G4          | SX         |                | PSM          |
| <i>Alasmidonta marginata</i>       | Elktoe                   | G4          | S1         |                | PSM          |
| <i>Alasmidonta triangulata</i>     | Southern Elktoe          | G1          | S1         | UR             | PSM          |
| <i>Alasmidonta undulata</i>        | Triangle Floater         | G4          | SNA        |                |              |
| <i>Alasmidonta viridis</i>         | Slippershell Mussel      | G4G5        | S1         |                | SP           |
| <i>Amblema elliottii</i>           | Coosa Fiveridge          | G3          | S3         |                | PSM          |
| <i>Anodonta hartfieldorum</i>      | Cypress Floater          | G4          | S1         |                | PSM          |
| <i>Anodonta suborbiculata</i>      | Flat Floater             | G5          | S3         |                | PSM          |
| <i>Arcidens confragosus</i>        | Rock Pocketbook          | G4          | S3         |                | PSM          |
| <i>Cumberlandia monodonta</i>      | Spectaclecase            | G3          | S1         | LE             | SP           |
| <i>Cyprogenia stegaria</i>         | Fanshell                 | G1          | S1         | LE             | SP           |
| <i>Dromus dromas</i>               | Dromedary Pearlymussel   | G1          | SX         | LE, XN         | SP           |
| <i>Elliptio arca</i>               | Alabama Spike            | G2G3Q       | S2         | UR             | PSM          |
| <i>Elliptio arctata</i>            | Delicate Spike           | G2G3Q       | S2         | UR             | PSM          |
| <i>Elliptio chipolaensis</i>       | Chipola Slabshell        | G1          | S1         | LT             | SP           |
| <i>Elliptio dilatata</i>           | Spike                    | G5          | S1         |                | PSM          |
| <i>Elliptio fraterna</i>           | Brother Spike            | G1G2        | SX         | UR             | PSM          |
| <i>Elliptio fumata</i>             | Gulf Slabshell           | G4          | S3         |                | PSM          |
| <i>Elliptio lanceolata</i>         | Yellow Lance             | G2          | SNA        |                |              |
| <i>Elliptio mcmichaeli</i>         | Fluted Elephantear       | G2G3        | S2         |                | PSM          |
| <i>Elliptio nigella</i>            | Winged Spike             | G1          | SX         |                | PSM          |
| <i>Elliptio pullata</i>            | Gulf Spike               | G5          | S4         |                | PSM          |
| <i>Elliptio purpurella</i>         | Inflated Spike           | G2          | S1         | UR             | PSM          |
| <i>Elliptoideus sloatanianus</i>   | Purple Bankclimber       | G2          | S1         | LT             | SP           |
| <i>Epioblasma ahilstedi</i>        | Duck River Dartersnapper | G1          | SH         | LE, XN         | SP           |
| <i>Epioblasma brevidens</i>        | Cumberlandian Combshell  | G1          | S1         | LE, XN         | SP           |
| <i>Epioblasma capsaeformis</i>     | Oyster Mussel            | G1          | SX         | LE, XN         | SP           |
| <i>Epioblasma florentina</i>       | Yellow Blossom           | GX          | SX         | LE, XN         | SP           |
| <i>Epioblasma metastriata</i>      | Upland Combshell         | GH          | SX         | LE             | SP           |
| <i>Epioblasma obliquata</i>        | Catspaw                  | G1          | SX         | LE, XN         | SP           |
| <i>Epioblasma othcaloogensis</i>   | Southern Acornshell      | GHQ         | SX         | LE             | SP           |
| <i>Epioblasma penita</i>           | Southern Combshell       | G1          | S1         | LE             | SP           |
| <i>Epioblasma torulosa</i>         | Tuberclad Blossom        | GX          | SX         | LE, XN         | SP           |

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| <i>Epioblasma triquetra</i>     | Snuffbox                 | G3          | S1         | LE             | PSM          |
| <i>Fusconaia burkei</i>         | Tapered Pigtoe           | G2G3        | S2         | LT             | SP           |
| <i>Fusconaia cor</i>            | Shiny Pigtoe             | G1          | S1         | LE, XN         | SP           |
| <i>Fusconaia cuneolus</i>       | Finerayed Pigtoe         | G1          | S1         | LE, XN         | SP           |
| <i>Fusconaia escambia</i>       | Narrow Pigtoe            | G1G2        | S2         | LT             | SP           |
| <i>Fusconaia subrotunda</i>     | Longsolid                | G3          | S1         | PT             | PSM          |
| <i>Glebula rotundata</i>        | Round Pearlshell         | G4G5        | S2         |                | PSM          |
| <i>Hamiota altilis</i>          | Finelined Pocketbook     | G2G3        | S2         | LT             | SP           |
| <i>Hamiota australis</i>        | Southern Sandshell       | G2G3        | S2         | LT             | SP           |
| <i>Hamiota perovalis</i>        | Orangenacre Mucket       | G2          | S2         | LT             | SP           |
| <i>Hamiota subangulata</i>      | Shinyyrayed Pocketbook   | G2          | S1         | LE             | SP           |
| <i>Hemistena lata</i>           | Cracking Pearlymussel    | G1          | S1         | LE, XN         | SP           |
| <i>Lampsilis abrupta</i>        | Pink Mucket              | G1G2        | S1         | LE             | SP           |
| <i>Lampsilis fasciola</i>       | Wavyrayed Lampmussel     | G5          | S2         |                | PSM          |
| <i>Lampsilis floridensis</i>    | Florida Sandshell        | G4          | S2         |                | PSM          |
| <i>Lampsilis ovata</i>          | Pocketbook               | G5          | S2         |                | PSM          |
| <i>Lampsilis virescens</i>      | Alabama Lampmussel       | G1          | S1         | LE, XN         | SP           |
| <i>Lasmigona alabamensis</i>    | Alabama Heelsplitter     | G3          | S3         |                | PSM          |
| <i>Lasmigona complanata</i>     | White Heelsplitter       | G5          | S2         |                | PSM          |
| <i>Lasmigona costata</i>        | Flutedshell              | G5          | S2         |                | PSM          |
| <i>Lasmigona etowaensis</i>     | Etowah Heelsplitter      | G3          | S2         |                | PSM          |
| <i>Lasmigona holstonia</i>      | Tennessee Heelsplitter   | G3          | S1         | UR             | PSM          |
| <i>Lasmigona subviridis</i>     | Green Floater            | G3          | SX         | UR             | PSM          |
| <i>Lemiox rimosus</i>           | Birdwing Pearlymussel    | G1          | SX         | LE, XN         | SP           |
| <i>Leptodea leptodon</i>        | Scaleshell               | G1G2        | SX         | LE             | SP           |
| <i>Ligumia recta</i>            | Black Sandshell          | G4G5        | S2         |                | PSM          |
| <i>Ligumia subrostrata</i>      | Pondmussel               | G5          | S2         |                | PSM          |
| <i>Margaritifera marrianae</i>  | Alabama Pearlshell       | G1          | S1         | LE             | SP           |
| <i>Medionidus acutissimus</i>   | Alabama Moccasinshell    | G2          | S2         | LT             | SP           |
| <i>Medionidus conradicus</i>    | Cumberland Moccasinshell | G3G4        | S1         | UR             | SP           |
| <i>Medionidus parvulus</i>      | Coosa Moccasinshell      | G1Q         | SX         | LE             | SP           |
| <i>Medionidus penicillatus</i>  | Gulf Moccasinshell       | G2          | S1         | LE             | SP           |
| <i>Obovaria arkansasensis</i>   | Southern Hickorynut      | GNR         | S2         |                | PSM          |
| <i>Obovaria choctawensis</i>    | Choctaw Bean             | G2G3        | S2         | LE             | SP           |
| <i>Obovaria olivaria</i>        | Hickorynut               | G4          | SX         |                | PSM          |
| <i>Obovaria retusa</i>          | Ring Pink                | G1          | SX         | LE             | SP           |
| <i>Obovaria subrotunda</i>      | Round Hickorynut         | G4          | S2         | PT             | PSM          |
| <i>Obovaria unicolor</i>        | Alabama Hickorynut       | G3          | S2         | UR             | PSM          |
| <i>Pegias fabula</i>            | Littlewing Pearlymussel  | G1          | SX         | LE             | SP           |
| <i>Plethobasus cicatricosus</i> | White Wartyback          | G1          | S1         | LE             | SP           |
| <i>Plethobasus cooperianus</i>  | Orange-foot Pimpleback   | G1          | SX         | LE             | SP           |
| <i>Plethobasus cyphyus</i>      | Sheepnose                | G3          | S1         | LE             | SP           |

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| <i>Pleurobema athearni</i>         | Canoe Creek Pigtoe     | G1          | S1         | PE             | PSM          |
| <i>Pleurobema beadleianum</i>      | Mississippi Pigtoe     | G3          | S1         |                | PSM          |
| <i>Pleurobema clava</i>            | Clubshell              | G1G2        | SX         | LE, XN         | SP           |
| <i>Pleurobema cordatum</i>         | Ohio Pigtoe            | G4          | S2         |                | PSM          |
| <i>Pleurobema curtum</i>           | Black Clubshell        | GH          | SX         | LE             | SP           |
| <i>Pleurobema decisum</i>          | Southern Clubshell     | G2          | S2         | LE             | SP           |
| <i>Pleurobema georgianum</i>       | Southern Pigtoe        | G1          | S1         | LE             | SP           |
| <i>Pleurobema hanleyianum</i>      | Georgia Pigtoe         | G1          | SX         | C              | SP           |
| <i>Pleurobema hartmanianum</i>     | Cheorkee Pigtoe        | G1          | SX         |                | PSM          |
| <i>Pleurobema marshalli</i>        | Flat Pigtoe            | GX          | SX         | LE             | SP           |
| <i>Pleurobema oviforme</i>         | Tennessee Clubshell    | G2G3        | S1         | UR             | PSM          |
| <i>Pleurobema perovatum</i>        | Ovate Clubshell        | G1          | S1         | LE             | SP           |
| <i>Pleurobema plenum</i>           | Rough Pigtoe           | G1          | S1         | LE             | SP           |
| <i>Pleurobema pyriforme</i>        | Oval Pigtoe            | G2          | S1         | LE             | SP           |
| <i>Pleurobema rubellum</i>         | Warrior Pigtoe         | G1          | S1         | LE             | SP           |
| <i>Pleurobema rubrum</i>           | Pyramid Pigtoe         | G2G3        | S1         | UR             | SP           |
| <i>Pleurobema sintoxia</i>         | Round Pigtoe           | G4G5        | S1         |                | SP           |
| <i>Pleurobema stabile</i>          | Coosa Pigtoe           | G1          | SX         |                | PSM          |
| <i>Pleurobema strodeanum</i>       | Fuzzy Pigtoe           | G2G3        | S2         | LT             | SP           |
| <i>Pleurobema taitianum</i>        | Heavy Pigtoe           | G1          | S1         | LE             | SP           |
| <i>Pleuronaia barnesiana</i>       | Tennessee Pigtoe       | G2G3        | S1         | UR             | PSM          |
| <i>Pleuronaia dolabelloides</i>    | Slabside Pearlymussel  | G2          | S1         | LE             | SP           |
| <i>Potamilus inflatus</i>          | Inflated Heelsplitter  | G1G2Q       | S1S2       | LT             | SP           |
| <i>Potamilus ohiensis</i>          | Pink Papershell        | G5          | S3         |                | PSM          |
| <i>Ptychobranchus fasciolaris</i>  | Kidneyshell            | G4G5        | S2         |                | PSM          |
| <i>Ptychobranchus foremanianus</i> | Rayed Kidneyshell      | G1          | S1         | LE             | SP           |
| <i>Ptychobranchus greenii</i>      | Triangular Kidneyshell | G1          | S1         | LE             | SP           |
| <i>Ptychobranchus jonesi</i>       | Southern Kidneyshell   | G1          | S1         | LE             | SP           |
| <i>Ptychobranchus subtentus</i>    | Fluted Kidneyshell     | G2          | SX         | LE             | SP           |
| <i>Pyganodon cataracta</i>         | Eastern Floater        | G5          | S1         |                | PSM          |
| <i>Quadrula infucata</i>           | Sculptured Pigtoe      | G3          | S1         |                | PSM          |
| <i>Quadrula intermedia</i>         | Cumberland Monkeyface  | G1          | SX         | LE, XN         | SP           |
| <i>Quadrula kieneriana</i>         | Coosa Orb              | G3Q         | SX         |                | PSM          |
| <i>Quadrula metanevra</i>          | Monkeyface             | G4          | S3         |                | PSM          |
| <i>Quadrula nobilis</i>            | Gulf Mapleleaf         | G4          | S3         |                | PSM          |
| <i>Quadrula sparsa</i>             | Appalachian Monkeyface | G1          | SX         | LE             | SP           |
| <i>Quadrula stapes</i>             | Stirrupshell           | GH          | SX         | LE             | SP           |
| <i>Quadrula succissa</i>           | Purple Pigtoe          | G3G4        | S3         |                | PSM          |
| <i>Reginaia rotulata</i>           | Round Ebonyshell       | G1          | S1         | LE             | SP           |
| <i>Strophitus connasaugaensis</i>  | Alabama Creekmussel    | G3          | S3         |                | PSM          |
| <i>Strophitus radiatus</i>         | Rayed Creekshell       | G2G3        | S3         |                | PSM          |
| <i>Strophitus subvexus</i>         | Southern Creekmussel   | G3          | S3         |                | PSM          |

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| <i>Strophitus undulatus</i>   | Creeper                  | G5          | S1         |                | PSM          |
| <i>Strophitus williamsi</i>   | Flatwoods Creekshell     | G2          | S2         |                | PSM          |
| <i>Theliderma cylindrica</i>  | Rabbitsfoot              | G3G4        | S1         | LT             | SP           |
| <i>Toxolasma corvunculus</i>  | Southern Purple Lilliput | G1          | S1         |                | PSM          |
| <i>Toxolasma cylindrellus</i> | Pale Lilliput            | G1          | S1         | LE             | SP           |
| <i>Toxolasma lividum</i>      | Purple Lilliput          | G3          | S2         | UR             | PSM          |
| <i>Toxolasma parvum</i>       | Lilliput                 | G5          | S3         |                | PSM          |
| <i>Toxolasma paulum</i>       | Iridescent Lilliput      | G4G5Q       | S2         |                | PSM          |
| <i>Toxolasma sp. 1</i>        | Gulf Lilliput            | G2          | S2         |                | PSM          |
| <i>Truncilla donaciformis</i> | Fawnsfoot                | G5          | S3         |                | PSM          |
| <i>Truncilla truncata</i>     | Deertoe                  | G5          | S1         |                | PSM          |
| <i>Uniomerus caroliniana</i>  | Florida Pondhorn         | G4          | SNA        |                |              |
| <i>Uniomerus columbensis</i>  | Apalachicola Pondhorn    | G3          | S2         |                | PSM          |
| <i>Utterbackia peggyae</i>    | Florida Floater          | G3          | S1         |                | PSM          |
| <i>Venustaconcha trabalis</i> | Cumberland Bean          | G1          | SX         | LE, XN         | SP           |
| <i>Villosa iris</i>           | Rainbow                  | G5          | S3         |                | PSM          |
| <i>Villosa nebulosa</i>       | Alabama Rainbow          | G3          | S3         | UR             | PSM          |
| <i>Villosa taeniata</i>       | Painted Creekshell       | G4          | S2         |                | PSM          |
| <i>Villosa umbrans</i>        | Coosa Creekshell         | G1          | S2         | UR             | PSM          |
| <i>Villosa vanuxemensis</i>   | Mountain Creekshell      | G4          | S3         |                | PSM          |
| <i>Villosa villosa</i>        | Downy Rainbow            | G3          | S1         |                | PSM          |
| <b>Freshwater Snails</b>      |                          |             |            |                |              |
| <i>Antrorbis breweri</i>      | Manitou Cavesnail        | G1          | S1         | UR             |              |
| <i>Atheurnia anthonyi</i>     | Anthony Riversnail       | G1          | S1         | LE,XN          | SP           |
| <i>Campeloma decampi</i>      | Slender Campeloma        | G1          | S1         | LE             | SP           |
| <i>Clappia cahabensis</i>     | Cahaba Pebblesnail       | G1          | S1         |                |              |
| <i>Elimia acuta</i>           | Acute Elimia             | G2          | S1         | UR             |              |
| <i>Elimia alabamensis</i>     | Mud Elimia               | G1          | S1         |                |              |
| <i>Elimia albanyensis</i>     | Black-crest Elimia       | G3Q         | SNR        |                |              |
| <i>Elimia ampla</i>           | Ample Elimia             | G1          | S1         |                |              |
| <i>Elimia annae</i>           | Rainbow Elimia           | G3          | S3         |                |              |
| <i>Elimia annettiae</i>       | Lilyshoals Elimia        | G1          | S1         | UR             |              |
| <i>Elimia bellacrenata</i>    | Princess Elimia          | G1Q         | S1         | UR             |              |
| <i>Elimia bellula</i>         | Walnut Elimia            | G1          | S1         | UR             |              |
| <i>Elimia boykiniana</i>      | Flaxen Elimia            | G2Q         | S2         |                |              |
| <i>Elimia broccata</i>        | Brooch Elimia            | G1          | S1         |                |              |
| <i>Elimia bullula</i>         | A Freshwater Snail       | G1G2Q       | S1S2       |                |              |
| <i>Elimia caelatura</i>       | Rippled Elimia           | G3Q         | S3         |                |              |
| <i>Elimia cahawbensis</i>     | Cahaba Elimia            | G4          | S4         |                |              |
| <i>Elimia chiltonensis</i>    | Prune Elimia             | G2          | S2         | UR             |              |
| <i>Elimia clara</i>           | Riffle Elimia            | G3          | S3         |                |              |
| <i>Elimia clenchi</i>         | Slackwater Elimia        | G3Q         | S3         |                |              |
| <i>Elimia cochliaris</i>      | Cockle Elimia            | G1          | S1         | UR             |              |

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| <i>Elimia comma</i>             | Hispid Elimia              | G2          | S2         |                |              |
| <i>Elimia crenatella</i>        | Lacey Elimia               | G1          | S1         | LT             | SP           |
| <i>Elimia curvicostata</i>      | Graphite Elimia            | G5          | S3         |                |              |
| <i>Elimia cylindracea</i>       | Cylinder Elimia            | G2          | S2         | UR             |              |
| <i>Elimia dickinsoni</i>        | Stately Elimia             | G3G4        | S3         |                |              |
| <i>Elimia exusta</i>            | Fire Elimia                | G2          | S2         |                |              |
| <i>Elimia fascinans</i>         | Banded Elimia              | G3          | S3         |                |              |
| <i>Elimia glarea</i>            | Gravel Elimia              | G3          | S3         |                |              |
| <i>Elimia godwini</i>           | Rusty Elimia               | G2G3        | S2S3       |                |              |
| <i>Elimia haysiana</i>          | Silt Elimia                | G3          | S3         |                | SP           |
| <i>Elimia hydei</i>             | Gladiator Elimia           | G2          | S2         |                |              |
| <i>Elimia interveniens</i>      | Slowwater Elimia           | G2          | S2         |                |              |
| <i>Elimia lachryma</i>          | Nodulose Coosa River Snail | G1          | S1         | UR             |              |
| <i>Elimia laqueata</i>          | Panel Elimia               | G5          | S2         |                |              |
| <i>Elimia lecontiana</i>        | Rippled Elimia             | G2G3        | SNR        |                |              |
| <i>Elimia melanoides</i>        | Black Mudalia              | G2Q         | S2         | C              | SP           |
| <i>Elimia mihalcikae</i>        | Latticed Elimia            | G1          | S1         |                |              |
| <i>Elimia nassula</i>           | Round-rib Elimia           | G1Q         | S1         | UR             |              |
| <i>Elimia olivula</i>           | Caper Elimia               | G1Q         | S1         |                |              |
| <i>Elimia paupercula</i>        | Sooty Elimia               | G3Q         | S3         |                |              |
| <i>Elimia perstriata</i>        | Engraved Elimia            | G1          | S1         | UR             |              |
| <i>Elimia pybasi</i>            | Spring Elimia              | G2          | S2         |                |              |
| <i>Elimia showalteri</i>        | Compact Elimia             | G1          | S1         |                |              |
| <i>Elimia taitiana</i>          | Dented Elimia              | G3Q         | S3         |                |              |
| <i>Elimia teretria</i>          | Auger Elimia               | G1          | S1         |                |              |
| <i>Elimia ucheensis</i>         | Creek Elimia               | G3          | S3         |                |              |
| <i>Elimia vanuxemiana</i>       | Cobble Elimia              | G1          | S1         |                |              |
| <i>Elimia varians</i>           | Puzzle Elimia              | G1G2Q       | S1S2       |                |              |
| <i>Elimia variata</i>           | Squat Elimia               | G2Q         | S2         |                |              |
| <i>Fontigens nickliniana</i>    | Watercress Snail           | G5          | S1         |                |              |
| <i>Io fluvialis</i>             | Spiny Riversnail           | G1G2        | SX         |                |              |
| <i>Leptoxis ampla</i>           | Round Rocksnail            | G2          | S2         | LT             | SP           |
| <i>Leptoxis compacta</i>        | Oblong Rocksnail           | G1          | S1         | UR             |              |
| <i>Leptoxis foremani</i>        | Interrupted Rocksnail      | G1          | SX         | LE             | SP           |
| <i>Leptoxis picta</i>           | Spotted Rocksnail          | G1          | S1         | UR             | SP           |
| <i>Leptoxis plicata</i>         | Plicate Rocksnail          | G1          | S1         | LE             | SP           |
| <i>Leptoxis taeniata</i>        | Painted Rocksnail          | G1          | S1         | LT             | SP           |
| <i>Leptoxis virgata</i>         | Smooth Mudalia             | G2          | SX         |                |              |
| <i>Lepyrium showalteri</i>      | Flat Pebblesnail           | G1          | S1         | LE             | SP           |
| <i>Lioplax cyclostomaformis</i> | Cylindrical Lioplax        | G1          | S1         | LE             | SP           |
| <i>Lithasia armigera</i>        | Armored Rocksnail          | G3G4        | S1         |                |              |
| <i>Lithasia curta</i>           | Knobby Rocksnail           | G1          | SX         | UR             |              |

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| <i>Lithasia geniculata</i>      | Ornate Rocksnail      | G3Q         | S1         |                |              |
| <i>Lithasia lima</i>            | Warty Rocksnail       | G2Q         | S1         |                |              |
| <i>Lithasia salebrosa</i>       | Muddy Rocksnail       | G2G3Q       | S1         |                |              |
| <i>Lithasia verrucosa</i>       | Varicose Rocksnail    | G4Q         | S3         |                |              |
| <i>Marstonia angulobasis</i>    | Angled Marstonia      | G1          | S1         |                |              |
| <i>Marstonia hershleri</i>      | Coosa Pyrg            | G1          | S1         |                |              |
| <i>Marstonia pachyta</i>        | Armored Marstonia     | G1          | S1         | LE             | SP           |
| <i>Marstonia scalariformis</i>  | Moss Pyrg             | G1          | S1         |                | SP           |
| <i>Pleurocera alveare</i>       | Rugged Hornsnail      | G3          | S1         |                |              |
| <i>Pleurocera annulifera</i>    | Ringed Hornsnail      | G3G4        | S3S4       |                |              |
| <i>Pleurocera brumbyi</i>       | Spiral Hornsnail      | G2G3        | S2S3       |                |              |
| <i>Pleurocera corpulenta</i>    | Corpulent Hornsnail   | G1          | S1         | UR             |              |
| <i>Pleurocera curta</i>         | Shortspire Hornsnail  | G2          | S1S2       |                |              |
| <i>Pleurocera foremani</i>      | Rough Hornsnail       | G1          | S1         | LE             | SP           |
| <i>Pleurocera nobilis</i>       | Noble Hornsnail       | G2          | S2         |                |              |
| <i>Pleurocera postelli</i>      | Broken Hornsnail      | G2Q         | S2         |                |              |
| <i>Pleurocera prasinata</i>     | Smooth Hornsnail      | G4          | S4         |                |              |
| <i>Pleurocera pyrenella</i>     | Skirted Hornsnail     | G2          | S2         | UR             |              |
| <i>Pleurocera showalteri</i>    | Upland Hornsnail      | G2Q         | S2         |                |              |
| <i>Pleurocera trochiformis</i>  | Sulcate Hornsnail     | G2          | S2         |                |              |
| <i>Pleurocera vestita</i>       | Brook Hornsnail       | G3          | S2         |                |              |
| <i>Pleurocera walkeri</i>       | Telescope Hornsnail   | G3          | S3         |                |              |
| <i>Pseudotryonia grahamae</i>   | Salt Spring Hydrobe   | G1          | S1         |                |              |
| <i>Rhapinema dacryon</i>        | Teardrop Snail        | G5          | S2         |                |              |
| <i>Rhadacmea cahawbensis</i>    | Cahaba Ancylid        | GNR         | S1         | UR             |              |
| <i>Rhadacmea filosa</i>         | Wicker Ancylid        | G1          | S1         |                |              |
| <i>Rhadacmea hinkleyi</i>       | Knobby Ancylid        | G2G3        | SX         |                |              |
| <i>Somatogyrus aureus</i>       | Golden Pebblesnail    | G1          | SH         |                |              |
| <i>Somatogyrus biangulatus</i>  | Angular Pebblesnail   | GHQ         | SH         |                |              |
| <i>Somatogyrus constrictus</i>  | Knotty Pebblesnail    | GHQ         | SH         |                |              |
| <i>Somatogyrus coosaensis</i>   | Coosa Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus crassus</i>      | Stocky Pebblesnail    | GH          | SH         |                |              |
| <i>Somatogyrus currierianus</i> | Tennessee Pebblesnail | GH          | SH         |                |              |
| <i>Somatogyrus decipiens</i>    | Hidden Pebblesnail    | GH          | SH         |                |              |
| <i>Somatogyrus excavatus</i>    | Ovate Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus georgianus</i>   | Cherokee Pebblesnail  | GH          | SH         |                |              |
| <i>Somatogyrus humerosus</i>    | Atlas Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus nanus</i>        | Dwarf Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus obtusus</i>      | Moon Pebblesnail      | GH          | SH         |                |              |
| <i>Somatogyrus pygmaeus</i>     | Pygmy Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus quadratus</i>    | Quadrata Pebblesnail  | GH          | SH         |                |              |
| <i>Somatogyrus sargentii</i>    | Mud Pebblesnail       | GH          | SH         |                |              |
| <i>Somatogyrus strengi</i>      | Rolling Pebblesnail   | G1          | S1         |                |              |

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| <i>Somatogyrus substriatus</i>     | Choctaw Pebblesnail     | GH          | SH         |                |              |
| <i>Somatogyrus tennesseensis</i>   | Opaque Pebblesnail      | G1          | S1         |                |              |
| <i>Somatogyrus walkerianus</i>     | Gulf Coast Pebblesnail  | G2G3        | S2         |                |              |
| <i>Stiobia nana</i>                | Sculpin Snail           | G1          | S1         |                |              |
| <i>Tulotoma magnifica</i>          | Tulotoma Snail          | G2          | S2         | LT             | SP           |
| <i>Valvata bicarinata</i>          | Two-ridge Valvata       | G5          | S3         |                |              |
| <b>Terrestrial Snails</b>          |                         |             |            |                |              |
| <i>Anguispira alabama</i>          | Alabama Tigersnail      | G2          | S2?        |                |              |
| <i>Anguispira alternata</i>        | Flamed Tigersnail       | G5          | S1S2       |                |              |
| <i>Anguispira cumberlandiana</i>   | Cumberland Tigersnail   | G3          | S1S2       |                |              |
| <i>Anguispira jessica</i>          | Mountain Disc           | G3G4        | S1S2       |                |              |
| <i>Anguispira mordax</i>           | Appalachian Tigersnail  | G4          | SNR        |                |              |
| <i>Catinella aprica</i>            | Diurnal Ambersnail      | G2          | S2?        |                |              |
| <i>Catinella pugilator</i>         | Weedpatch Ambersnail    | G1G2        | S1         |                |              |
| <i>Cochlicopa morseana</i>         | Appalachian Pillar      | G5          | SNR        |                |              |
| <i>Columella edentula</i>          | Toothless Column        | G5          | SNR        |                |              |
| <i>Columella simplex</i>           | High Spire Column       | G5          | SNR        |                |              |
| <i>Daedalochila fatigiata</i>      | New Harmony Liptooth    | G3          | S1?        |                |              |
| <i>Daedalochila subclausa</i>      | Suwannee Liptooth       | G3          | SNR        |                |              |
| <i>Daedalochila troostiana</i>     | Nashville Liptooth      | G4          | SNR        |                |              |
| <i>Deroeras laeve</i>              | Meadow Slug             | G5          | SNR        |                |              |
| <i>Discus bryanti</i>              | Saw-toothed Disc        | G3          | SNR        |                |              |
| <i>Discus clappi</i>               | Channelled Disc         | G1          | S1         |                |              |
| <i>Discus nigrimontanus</i>        | Black Mountain Disc     | G4          | S1?        |                |              |
| <i>Dryachloa dauca</i>             | Carrot Glass            | G2          | S1         |                |              |
| <i>Gastrocopta abbreviata</i>      | Plains Snaggletooth     | G4          | S1         |                |              |
| <i>Gastrocopta clappi</i>          | Bluegrass Snaggletooth  | G4G5        | SNR        |                |              |
| <i>Gastrocopta pellucida</i>       | Slim Snaggletooth       | G5          | S1         |                |              |
| <i>Gastrocopta procera</i>         | Wing Snaggletooth       | G5          | SNR        |                |              |
| <i>Gastrocopta riparia</i>         | Gulf Coast Snaggletooth | G4G5        | SNR        |                |              |
| <i>Gastrocopta rupicola</i>        | Tapered Snaggletooth    | G4          | SNR        |                |              |
| <i>Glyphyalinia cumberlandiana</i> | Hill Glyph              | G4          | SNR        |                |              |
| <i>Glyphyalinia latebricola</i>    | Stone Glyph             | G1G2        | SNR        |                |              |
| <i>Glyphyalinia pecki</i>          | Blind Glyph             | G1G2        | S1S2       |                |              |
| <i>Glyphyalinia specus</i>         | Hollow Glyph            | G4          | SNR        |                |              |
| <i>Helicodiscus aldrichianus</i>   | Burrowing Coil          | G3          | SNR        |                |              |
| <i>Helicodiscus barri</i>          | Raccoon Coil            | G3G4        | SNR        |                |              |
| <i>Helicodiscus fimbriatus</i>     | Fringed Coil            | G4          | SNR        |                |              |
| <i>Helicodiscus hadenoecus</i>     | Cricket Coil            | G3          | SNR        |                |              |
| <i>Helicodiscus singleyanus</i>    | Smooth Coil             | G5          | SX         |                |              |
| <i>Inflectarius approximans</i>    | Tight-gapped Shagreen   | G2          | S2?        |                |              |
| <i>Inflectarius downieanus</i>     | Dwarf Globelet          | G3          | SNR        |                |              |
| <i>Inflectarius smithi</i>         | Alabama Shagreen        | G2          | S2         |                |              |

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| <i>Linisa texasiana</i>          | Texas Liptooth          | G3G4        | SNR        |                |              |
| <i>Lobosculum pustula</i>        | Grooved Liptooth        | G3G4        | SNR        |                |              |
| <i>Mesodon clausus trossulus</i> | A Land Snail            | G5T2T3      | S1S2       |                |              |
| <i>Mesodon normalis</i>          | Grand Globe             | G5          | SNR        |                |              |
| <i>Mesodon sanus</i>             | Squat Globelet          | G3          | SNR        |                |              |
| <i>Mesodon trossulus</i>         | Danby Globelet          | G1          | S1         |                |              |
| <i>Mesomphix friabilis</i>       | Brittle Button          | G5          | S1?        |                |              |
| <i>Mesomphix latior</i>          | Broad Button            | G3G4        | S2?        |                |              |
| <i>Paravitrea bidens</i>         | Gray Supercoil          | G1          | S1         |                |              |
| <i>Paravitrea conecuhensis</i>   | Triangular Supercoil    | G3          | SNR        |                |              |
| <i>Paravitrea multidentata</i>   | Dentate Supercoil       | G5          | S2?        |                |              |
| <i>Paravitrea petrophila</i>     | Cherokee Supercoil      | G4          | S1         |                |              |
| <i>Paravitrea pilsbryana</i>     | Translucent Supercoil   | G2          | S2?        |                |              |
| <i>Paravitrea tantilla</i>       | Teasing Supercoil       | G3          | S1?        |                |              |
| <i>Paravitrea tiara</i>          | Crowned Supercoil       | G1G2        | S1?        |                |              |
| <i>Paravitrea toma</i>           | Sharp Supercoil         | G1          | S1         |                |              |
| <i>Paravitrea umbilicaris</i>    | Open Supercoil          | G3?         | SNR        |                |              |
| <i>Paravitrea variabilis</i>     | Variable Supercoil      | G2G3        | S1?        |                |              |
| <i>Patera sargentiana</i>        | Grand Bladetooth        | G2          | S2         |                |              |
| <i>Philomycus sellatus</i>       | Alabama Mantleslug      | G2G3        | S1?        |                |              |
| <i>Philomycus togatus</i>        | Toga Mantleslug         | G5          | S1?        |                |              |
| <i>Polygyra cereolus</i>         | Southern Flatcoil       | G4          | SNR        |                |              |
| <i>Polygyra septemvolva</i>      | Florida Flatcoil        | G5          | SNR        |                |              |
| <i>Praticolella lawae</i>        | Appalachian Shrubsail   | G3          | SNR        |                |              |
| <i>Praticolella mobiliana</i>    | Choctaw Shrubsail       | G3          | SNR        |                |              |
| <i>Punctum blandianum</i>        | Brown Spot              | G4          | SNR        |                |              |
| <i>Punctum smithi</i>            | Lamellate Spot          | G4          | SNR        |                |              |
| <i>Punctum vitreum</i>           | Glass Spot              | G5          | SNR        |                |              |
| <i>Pupisoma dioscoricola</i>     | Yam Babybody            | G3          | SNR        |                |              |
| <i>Rabdotus mooreanus</i>        | Prairie Rabdotus        | G5          | SNR        |                |              |
| <i>Stenotrema brevipila</i>      | Talladega Slitmouth     | G2          | SNR        |                |              |
| <i>Stenotrema calvescens</i>     | Chattanooga Slitmouth   | G3          | SNR        |                |              |
| <i>Stenotrema exodon</i>         | Alabama Slitmouth       | G2          | SNR        |                |              |
| <i>Stenotrema florida</i>        | Appalachicola Slitmouth | G3          | SNR        |                |              |
| <i>Stenotrema magnafumosum</i>   | Appalachian Slitmouth   | G4          | SNR        |                |              |
| <i>Stenotrema maxillatum</i>     | Ridge-lip Slitmouth     | G3          | SNR        |                |              |
| <i>Strobilos hubbardi</i>        | Flattened Pinecone      | G3G4        | SNR        |                |              |
| <i>Succinea forsyeyi</i>         | Spotted Ambersnail      | G4          | SNR        |                |              |
| <i>Succinea greerii</i>          | Dryland Ambersnail      | G3          | SNR        |                |              |
| <i>Succinea indiana</i>          | Xeric Ambersnail        | G5          | SNR        |                |              |
| <i>Succinea paralia</i>          | Saltmarsh Ambersnail    | G2          | SNR        |                |              |
| <i>Succinea unicolor</i>         | Squatty Ambersnail      | G3G4        | SNR        |                |              |
| <i>Succinea urbana</i>           | Urban Ambersnail        | G2G3        | SNR        |                |              |

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| <i>Triodopsis tennesseensis</i>   | Budded Threetooth                | G4          | SNR        |                |              |
| <i>Ventridens acerra</i>          | Glossy Dome                      | G4          | SNR        |                |              |
| <i>Ventridens cerinoideus</i>     | Wax Dome                         | G4          | SNR        |                |              |
| <i>Ventridens collisella</i>      | Sculptured Dome                  | G4          | SNR        |                |              |
| <i>Ventridens lasmodon</i>        | Hollow Dome                      | G4          | SNR        |                |              |
| <i>Ventridens lawae</i>           | Rounded Dome                     | G4          | SNR        |                |              |
| <i>Ventridens monodon</i>         | Blade Dome                       | G2          | SNR        |                |              |
| <i>Vertigo alabamensis</i>        | Alabama Vertigo                  | G3          | S1S2       |                |              |
| <i>Vertigo gouldi</i>             | Variable Vertigo                 | G5          | S2S3       |                |              |
| <i>Vertigo rugosula</i>           | Striate Vertigo                  | G4          | S1         |                |              |
| <i>Xolotrema fosteri</i>          | Bladetooth Wedge                 | G5          | SNR        |                |              |
| <i>Xolotrema obstrictum</i>       | Sharp Wedge                      | G4          | SNR        |                |              |
| <i>Zonitoides ellioti</i>         | Green Dome                       | G4          | SNR        |                |              |
| <i>Zonitoides lateumbilicatus</i> | Striate Gloss                    | G3G4        | SNR        |                |              |
| <b>Amphipods</b>                  |                                  |             |            |                |              |
| <i>Bactrurus wilsoni</i>          | An Amphipod                      | G1G2        | S1         |                |              |
| <i>Crangonyx antennatus</i>       | Appalachian Valley Cave Amphipod | G5          | S3S5       |                |              |
| <i>Stygobromus alabamensis</i>    | A Cave Obligate Amphipod         | G5          | SNR        |                |              |
| <i>Stygobromus dicksoni</i>       | A Cave Obligate Amphipod         | G5          | SNR        |                |              |
| <i>Stygobromus exilis</i>         | Central Kentucky Cave Amphipod   | G5          | S1         |                |              |
| <i>Stygobromus inexpectatus</i>   | A Cave Obligate Amphipod         | G1          | S1         |                |              |
| <i>Stygobromus smithi</i>         | Alabama Well Amphipod            | G2G3        | S1         |                |              |
| <i>Stygobromus vitreus</i>        | An Amphipod                      | G4          | SNR        |                |              |
| <b>Crayfish and Shrimp</b>        |                                  |             |            |                |              |
| <i>Barbicambarus simmonsi</i>     | Tennessee Bottlebrush Crayfish   | G1G2        | SNR        |                |              |
| <i>Cambarellus diminutus</i>      | Least Crayfish                   | G3          | S2         |                |              |
| <i>Cambarellus lesliei</i>        | Angular Dwarf Crawfish           | G3          | S2         |                |              |
| <i>Cambarellus rotatus</i>        | Twisted Dwarf Crayfish           | G1          | S1         |                |              |
| <i>Cambarellus shufeldtii</i>     | Cajun Dwarf Crayfish             | G5          | S2         |                |              |
| <i>Cambarus acanthura</i>         | Thornytail Crayfish              | G4G5        | S3         |                |              |
| <i>Cambarus bartonii</i>          | Appalachian Brook Crayfish       | G5          | S2         |                |              |
| <i>Cambarus cracens</i>           | Slenderclaw Crayfish             | G1          | S1         | LE             |              |
| <i>Cambarus distans</i>           | Boxclaw Crayfish                 | G5          | S1         |                |              |
| <i>Cambarus englishi</i>          | Tallapoosa Crayfish              | G3          | S2         |                |              |
| <i>Cambarus graysoni</i>          | Twospot Crayfish                 | G5          | S3         |                |              |
| <i>Cambarus halli</i>             | Slackwater Crayfish              | G3G4        | S3         |                |              |
| <i>Cambarus hamulatus</i>         | Prickly Cave Crayfish            | G3G4        | S2         |                |              |
| <i>Cambarus howardi</i>           | Chattahoochee Crayfish           | G3          | S2         |                |              |

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| <i>Cambarus jonesi</i>              | Alabama Cave Crayfish               | G2          | S2         |                | UR           |
| <i>Cambarus laconensis</i>          | Lacon Exit Cave Crayfish            | G1          | S1         |                |              |
| <i>Cambarus longirostris</i>        | Longnose Crayfish                   | G5          | S2         |                |              |
| <i>Cambarus ludovicianus</i>        | Painted Devil Crayfish              | G5          | S2         |                |              |
| <i>Cambarus manningi</i>            | Greensaddle Crayfish                | G4          | S2         |                |              |
| <i>Cambarus parvoculus</i>          | Mountain Midget Crayfish            | G5          | S1         |                |              |
| <i>Cambarus pecki</i>               | Phantom Cave Crayfish               | G1G2        | S1S2       |                |              |
| <i>Cambarus polychromatus</i>       | Paintedhand Mudbug                  | G5          | S1         |                |              |
| <i>Cambarus pyronotus</i>           | Fireback Crayfish                   | G2          | S1         |                |              |
| <i>Cambarus rusticiformis</i>       | Depression Crayfish                 | G5          | S1         |                |              |
| <i>Cambarus scotti</i>              | Chattooga River Crayfish            | G3          | S3         |                |              |
| <i>Cambarus speleocoopi</i>         | Sweet Home Alabama<br>Cave Crayfish | G1          | S1         |                |              |
| <i>Cambarus unestami</i>            | Blackbarred Crayfish                | G2          | S1         |                |              |
| <i>Cambarus veitchorum</i>          | White Spring Cave<br>Crayfish       | G1          | S1         |                |              |
| <i>Creaserinus burrisi</i>          | Burrowing Bog Crayfish              | G3          | S1         |                |              |
| <i>Creaserinus byersi</i>           | Lavender Burrowing<br>Crayfish      | G4          | S2         |                |              |
| <i>Creaserinus danielae</i>         | Speckled Burrowing<br>Crayfish      | G2          | S2         | UR             |              |
| <i>Creaserinus fodiens</i>          | Digger Crayfish                     | G5          | S3         |                |              |
| <i>Creaserinus oryktes</i>          | Flatwoods Digger                    | G4          | S1         |                |              |
| <i>Dactylocythere arcuata</i>       | A Cave Obligate Shrimp              | G1G2        | S1S2       |                |              |
| <i>Dactylocythere steevesi</i>      | A Cave Obligate Shrimp              | G4          | SNR        |                |              |
| <i>Hobbseus prominens</i>           | Prominence Riverlet<br>Crayfish     | G4G5        | S3         |                |              |
| <i>Lacunicambarus freudensteini</i> | Banded Mudbug                       | G1          | S1         |                |              |
| <i>Lacunicambarus miltus</i>        | Rusty Grave Digger                  | G3          | S2         |                |              |
| <i>Lacunicambarus mobilensis</i>    | Lonesome Gravedigger                | G3          | S1         |                |              |
| <i>Orconectes alabamensis</i>       | Alabama Crayfish                    | G5          | S3         |                |              |
| <i>Orconectes australis</i>         | Southern Cave Crayfish              | G5          | S3         |                |              |
| <i>Orconectes chickasawae</i>       | Chickasaw Crayfish                  | G5          | S2         |                |              |
| <i>Orconectes cooperi</i>           | Flint River Crayfish                | G1          | S1         |                |              |
| <i>Orconectes durelli</i>           | Saddle Crayfish                     | G5          | S1         |                |              |
| <i>Orconectes forceps</i>           | Surgeon Crayfish                    | G5          | S3         |                |              |
| <i>Orconectes holti</i>             | Bimaculate Crayfish                 | G3Q         | S3         |                |              |
| <i>Orconectes jonesi</i>            | Sucarnoochee River<br>Crayfish      | G3          | S3         | UR             |              |
| <i>Orconectes lancifer</i>          | Shrimp Crayfish                     | G5          | S1         |                |              |
| <i>Orconectes mirus</i>             | Wonderful Crayfish                  | G4          | S3         |                |              |
| <i>Orconectes placidus</i>          | Bigclaw Crayfish                    | G5          | S2         |                |              |
| <i>Orconectes putnami</i>           | Phallic Crayfish                    | G5          | S3         |                |              |
| <i>Orconectes sheltae</i>           | Shelta Cave Crayfish                | G1          | S1         | UR             |              |

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| <i>Palaemonias alabamae</i>           | Alabama Cave Shrimp            | G1          | S1         | LE             | SP           |
| <i>Palaemonias sp. 1</i>              | Tuscambia Cave Shrimp          | G1          | S1         |                |              |
| <i>Procambarus bivittatus</i>         | Ribbon Crayfish                | G5          | S3S4       |                |              |
| <i>Procambarus capillatus</i>         | Capillaceous Crayfish          | G2          | S2         |                |              |
| <i>Procambarus clemmeri</i>           | Cockscomb Crayfish             | G5          | S2         |                |              |
| <i>Procambarus escambiensis</i>       | Escambia Crayfish              | G2          | S1         |                |              |
| <i>Procambarus evermanni</i>          | Panhandle Crayfish             | G4          | S3         |                |              |
| <i>Procambarus hagenianus</i>         | Southeastern Prairie Crayfish  | G4G5T4      | S1         |                |              |
| <i>hagenianus</i>                     |                                |             |            |                |              |
| <i>Procambarus hayi</i>               | Straightedge Crayfish          | G5          | S1         |                |              |
| <i>Procambarus hubbelli</i>           | Jackknife Crayfish             | G4          | S2         |                |              |
| <i>Procambarus hybus</i>              | Smoothnose Crayfish            | G5          | S3         |                |              |
| <i>Procambarus lagniappe</i>          | Lagniappe Crayfish             | G2          | S1         |                |              |
| <i>Procambarus lecontei</i>           | Mobile Crayfish                | G3G4        | S3         |                |              |
| <i>Procambarus lewisi</i>             | Spur Crayfish                  | G4          | S3         |                |              |
| <i>Procambarus marthae</i>            | Crisscross Crayfish            | G3          | S2         |                |              |
| <i>Procambarus okaloosae</i>          | Okaloosa Crayfish              | G4          | S2         |                |              |
| <i>Procambarus paeninsulanus</i>      | Peninsula Crayfish             | G5          | S2         |                |              |
| <i>Procambarus penni</i>              | Pearl Blackwater Crayfish      | G3          | S2         |                |              |
| <i>Procambarus planirostris</i>       | Flatnose Crayfish              | G4          | SNR        |                |              |
| <i>Procambarus shermani</i>           | Gulf Crayfish                  | G4          | S2         |                |              |
| <i>Procambarus suttkusi</i>           | Choctawhatchee Crayfish        | G3G4        | S3         |                |              |
| <i>Procambarus viaeviridis</i>        | Vernal Crayfish                | G5          | S1         |                |              |
| <i>Procambarus vioscai paynei</i>     | Payne's Creek Crayfish         | G5T4        | S3         |                |              |
| <b>Isopods</b>                        |                                |             |            |                |              |
| <i>Caecidotea alabamensis</i>         | A Cave Obligate Isopod         | G3G4        | S1S2       |                |              |
| <i>Caecidotea richardsonae</i>        | Tennessee Valley Cave Isopod   | G5          | SNR        |                |              |
| <i>Caecidotea bicrenata bicrenata</i> | A Cave Obligate Isopod         | G5T3T4      | SNR        |                |              |
| <i>Miktoniscus medcofi</i>            | A Cave Isopod                  | GNR         | SNR        |                |              |
| <b>Arachnids</b>                      |                                |             |            |                |              |
| <i>Alabamocreagris mortis</i>         | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Alabamocreagris pecki</i>          | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Anahita punctulata</i>             | Southeastern Wandering Spider  | G4          | SNR        |                |              |
| <i>Aphrastochthonius pecki</i>        | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Aphrastochthonius tenax</i>        | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Apochthonius russelli</i>          | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Appaleptoneta barrowsi</i>         | A Cave Spider                  | G1          | S1         |                |              |

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|---|--------------------------------|-------------|------------|----------------|--------------|
| <i>Appaleptoneta credula</i>            | A Cave Spider                  | G1          | S1         |                |              |
| <i>Appaleptoneta jonesi</i>             | A Cave Spider                  | G1          | S1         |                |              |
| <i>Bishopella jonesi</i>                | A Cave Obligate Harvestman     | G1          | S1         |                |              |
| <i>Cicurina minima</i>                  | Cave Spider                    | GNR         | SNR        |                |              |
| <i>Cicurina wiltoni</i>                 | A Cave Obligate Spider         | G1          | S1         |                |              |
| <i>Hesperonemastoma pallidimaculosa</i> | A Cave Obligate Harvestman     | G3          | S1?        |                |              |
| <i>Islandiana muma</i>                  | A Cave Spider                  | G1G2        | S1         |                |              |
| <i>Liocranoides archeri</i>             | Archer's Two-clawed Spider     | G2          | S2         |                |              |
| <i>Lissocreagris persephone</i>         | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Lissocreagris pluto</i>              | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Lissocreagris subatlantica</i>       | A Pseudoscorpion               | G2G4        | S1S2       |                |              |
| <i>Maymena ambita</i>                   | Minute Cave Spider             | GNR         | SH         |                |              |
| <i>Microcreagris eurydice</i>           | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Microcreagris nickajackensis</i>     | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Minicreagris pumila</i>              | A Pseudoscorpion               | GNR         | S1S2       |                |              |
| <i>Neoleptoneta alabama</i>             | A Cave Spider                  | GNR         | S1S2       |                |              |
| <i>Neoleptoneta archeri</i>             | A Spider                       | GNR         | S1?        |                |              |
| <i>Neoleptoneta blanda</i>              | A Cave Spider                  | GNR         | SH         |                |              |
| <i>Neoleptoneta serena</i>              | A Cave Obligate Spider         | G1G2        | S1S2       |                |              |
| <i>Nesticus barri</i>                   | A Cave Obligate Spider         | G3          | S3         |                |              |
| <i>Nesticus jonesi</i>                  | Cave Spring Cave Spider        | G1          | S1         |                |              |
| <i>Novobisium ingratum</i>              | A Pseudoscorpion               | GNR         | S1         |                |              |
| <i>Phalangodes appalachius</i>          | A Cave Obligate Harvestman     | G3G4        | SNR        |                |              |
| <i>Trisetobisium fallax</i>             | A Pseudoscorpion               | GNR         | S1         |                |              |
| <i>Tyrannochthonius alabamensis</i>     | A Pseudoscorpion               | G1          | S1         |                |              |
| <i>Tyrannochthonius aladdinensis</i>    | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius aralu</i>           | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius archeri</i>         | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius attenuatus</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius avernicolus</i>     | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius barri</i>           | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |

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|-------------------------------------|--------------------------------|-------------|------------|----------------|--------------|
| <i>Tyrannochthonius binoculatus</i> | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius chamberlini</i> | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius charon</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius diabolus</i>    | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Tyrannochthonius erebus</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius felix</i>       | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius floridensis</i> | A Pseudoscorpion               | G1G2        | S1S2       |                |              |
| <i>Tyrannochthonius gnomus</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius halopotamus</i> | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius infernalis</i>  | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius jonesi</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius nergal</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius orpheus</i>     | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Tyrannochthonius osiris</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius parvus</i>      | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Tyrannochthonius pecki</i>       | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius pholetor</i>    | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius pluto</i>       | A Cave Obligate Pseudoscorpion | G1G2        | S1S2       |                |              |
| <i>Tyrannochthonius satan</i>       | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius sheltae</i>     | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius skeletonis</i>  | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius stygius</i>     | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius tartarus</i>    | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |
| <i>Tyrannochthonius tenuis</i>      | A Cave Obligate Pseudoscorpion | G1          | S1         |                |              |

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|---|--------------------------------------|-------------|------------|----------------|--------------|
| <i>Tyrannochthonius torodei</i>               | A Cave Obligate Pseudoscorpion       | G1          | S1         |                |              |
| <b>Diplurans, Springtails &amp; Proturans</b> |                                      |             |            |                |              |
| <i>Arrhopalites pygmaeus</i>                  | A Springtail                         | GNR         | S2         |                |              |
| <i>Arrhopalites whitesidei</i>                | A Springtail                         | GNR         | S1         |                |              |
| <i>Folsomia candida</i>                       | A Springtail                         | GNR         | S1         |                |              |
| <i>Folsomia</i> sp. 1                         | A Springtail                         | GNR         | S1         |                |              |
| <i>Hypogastrura denticulata</i>               | A Springtail                         | GNR         | S1         |                |              |
| <i>Litocampa cookei</i>                       | A Dipluran                           | G5          | S1         |                |              |
| <i>Litocampa henroti</i>                      | A Hexapod                            | G1G2        | S1         |                |              |
| <i>Litocampa</i> sp. 1                        | A Cave Dipluran<br>(Salamander Cave) | G1          | S1         |                |              |
| <i>Onychiurus janus</i>                       | A Cave Obligate Springtail           | G2G3        | S1         |                |              |
| <i>Onychiurus paro</i>                        | A Cave Obligate Springtail           | G1          | S1         |                |              |
| <i>Pseudosinella argentea</i>                 | A Springtail                         | GNR         | S1         |                |              |
| <i>Pseudosinella christianseni</i>            | A Cave Obligate Springtail           | G5          | S2         |                |              |
| <i>Pseudosinella collina</i>                  | A Springtail                         | GNR         | S1         |                |              |
| <i>Pseudosinella folsomi</i>                  | A Springtail                         | GNR         | S1         |                |              |
| <i>Pseudosinella nata</i>                     | A Cave Obligate Springtail           | G1          | S1         |                |              |
| <i>Pseudosinella pecki</i>                    | A Cave Obligate Springtail           | G2G3        | S1         |                |              |
| <i>Pseudosinella violenta</i>                 | A Springtail                         | GNR         | S1         |                |              |
| <i>Schaefferia alabamensis</i>                | A Cave Obligate Springtail           | G1G2        | S1         |                |              |
| <i>Schaefferia christianseni</i>              | A Cave Obligate Springtail           | G1          | S1         |                |              |
| <i>Sinella barri</i>                          | A Springtail                         | G5          | S1         |                |              |
| <i>Sinella caeca</i>                          | A Springtail                         | GNR         | S1         |                |              |
| <i>Tomocerus bidentatus</i>                   | A Springtail                         | GNR         | S2         |                |              |
| <i>Tomocerus dubius</i>                       | A Springtail                         | GNR         | S1         |                |              |
| <i>Tomocerus flavescens</i>                   | A Springtail                         | G5?         | S1         |                |              |
| <i>Tomocerus lamelliferus</i>                 | A Springtail                         | GNR         | S1         |                |              |
| <b>Insects</b>                                |                                      |             |            |                |              |
| <i>Agapetus alabamensis</i>                   | Caddisfly                            | G1          | S1         |                |              |
| <i>Agapetus gelbae</i>                        | Caddisfly                            | G3          | S1         |                |              |
| <i>Agapetus hessi</i>                         | Caddisfly                            | G4G5        | S1         |                |              |
| <i>Agapetus iridis</i>                        | Caddisfly                            | G5          | S1         |                |              |
| <i>Agapetus spinosus</i>                      | Caddisfly                            | G2          | S1         |                |              |
| <i>Agapetus tomus</i>                         | A Caddisfly                          | G5          | S1S2       |                |              |
| <i>Agarodes alabamensis</i>                   | Caddisfly                            | G1          | S1         |                |              |
| <i>Agarodes griseus</i>                       | A Caddisfly                          | G5          | S1S2       |                |              |
| <i>Agarodes stannardi</i>                     | Stannard's Agarodes<br>Caddisfly     | G2          | S2         |                |              |
| <i>Agarodes tuskaloosa</i>                    | A Caddisfly                          | G1G3        | S1S3       |                |              |
| <i>Agrypnia improba</i>                       | Caddisfly                            | G5          | S1         |                |              |
| <i>Agrypnia vestita</i>                       | Caddisfly                            | G5          | S2         |                |              |

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| <i>Allocapnia sano</i>            | Sano Snowfly                | G1          | S1         |                |              |
| <i>Amblyscirtes alternata</i>     | Dusky Roadside-skipper      | G2G3        | S2S3       |                |              |
| <i>Amphinemura alabama</i>        | A Stonefly                  | G3          | S2         |                |              |
| <i>Amphinemura mockfordi</i>      |                             | G2          | S1         | UR             |              |
| <i>Anillinus valentinei</i>       | A Cave Obligate Beetle      | G3G4        | S1         |                |              |
| <i>Argia plana</i>                | Springwater Dancer          | G5          | S1         |                |              |
| <i>Arianops ashei</i>             | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops barri</i>             | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops cavernensis</i>       | A Cave Obligate Beetle      | GNR         | S1         |                |              |
| <i>Arianops clintoni</i>          | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops extera</i>            | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops folkertsi</i>         | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops kingi</i>             | A Beetle                    | GNR         | S1         |                |              |
| <i>Arianops steevesi</i>          | A Cave Obligate Beetle      | GNR         | S1         |                |              |
| <i>Atheta alabama</i>             | A Beetle                    | GNR         | S1         |                |              |
| <i>Atheta lucifuga</i>            | Light Shunning Rove Beetle  | G4          | S2         |                |              |
| <i>Atrytone arogos arogos</i>     | Arogos Skipper              | G2G3T1T2    | SH         |                |              |
| <i>Autochton cellus</i>           | Golden-banded Skipper       | G4          | S2         |                |              |
| <i>Baetisca becki</i>             | A Mayfly                    | G2G3        | S1         |                |              |
| <i>Banksiola concatenate</i>      | Caddisfly                   | G5          | S1         |                |              |
| <i>Batriasymmodes spelaeus</i>    | A Cave Obligate Beetle      | G3G4        | S3         |                |              |
| <i>Batriasymmodes troglodytes</i> | A Beetle                    | G1G2        | S1         |                |              |
| <i>Batrisodes cavernosus</i>      | A Cave Obligate Beetle      | G1          | S1         |                |              |
| <i>Batrisodes jocuvestus</i>      | A Cave Obligate Beetle      | G1          | S1         |                |              |
| <i>Batrisodes jonesi</i>          | A Cave Obligate Beetle      | G2G3        | S2S3       |                |              |
| <i>Batrisodes lineaticollis</i>   | A Beetle                    | G5          | S1         |                |              |
| <i>Batrisodes profundus</i>       | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Batrisodes specus</i>          | A Cave Obligate Beetle      | G3G4        | S2         |                |              |
| <i>Batrisodes subterraneus</i>    | A Cave Obligate Beetle      | G1          | S1         |                |              |
| <i>Batrisodes tumoris</i>         | A Beetle                    | G1          | S1         |                |              |
| <i>Batrisodes valentinei</i>      | A Cave Obligate Beetle      | G2G4        | S2         |                |              |
| <i>Beloneuria jamesae</i>         | Cheaha Beloneurian Stonefly | G1G2        | S1S2       |                |              |
| <i>Brachycentrus chelatus</i>     | Caddisfly                   | G4          | S1         |                |              |
| <i>Brachycentrus nigrosoma</i>    | Caddisfly                   | G5          | S1         |                |              |
| <i>Brachycentrus numerosus</i>    | Caddisfly                   | G5          | S1         |                |              |
| <i>Callophrys hesseli</i>         | Hessel's Hairstreak         | G3          | SNR        |                |              |
| <i>Callophrys irus</i>            | Frosted Elfin               | G2G3        | SU         |                |              |
| <i>Catops gratiosa</i>            | A Beetle                    | G5          | S2         |                |              |
| <i>Ceraclea alabamae</i>          | A Caddisfly                 | G1G3        | S1         |                |              |
| <i>Ceraclea alces</i>             | Caddisfly                   | G4          | S1         |                |              |
| <i>Ceraclea neffi</i>             | A Caddisfly                 | G5          | S1         |                |              |
| <i>Ceraclea resurgens</i>         | Caddisfly                   | G5          | S1         |                |              |

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| <i>Cernotina trunconia</i>            | Florida Cernotinan Caddisfly        | G4          | S1         |                |              |
| <i>Ceuthophilus latens</i>            | A Camel Cricket                     | GNR         | S1         |                |              |
| <i>Ceuthophilus stygius</i>           | A Cricket                           | GNR         | S2         |                |              |
| <i>Cheumatopsyche babbensis</i>       | Caddisfly                           | G1          | S1         |                |              |
| <i>Cheumatopsyche cahaba</i>          | Caddisfly                           | G1          | S1         |                |              |
| <i>Cheumatopsyche ela</i>             | A Caddisfly                         | G5          | S2         |                |              |
| <i>Cheumatopsyche gracilis</i>        | A Caddisfly                         | G5          | S2         |                |              |
| <i>Cheumatopsyche harwoodi</i>        | Caddisfly                           | G5          | S2         |                |              |
| <i>Cheumatopsyche helma</i>           | Helma's Cheumatopsyche Caddisfly    | G3          | S1         |                |              |
| <i>Cheumatopsyche kinlockensis</i>    | A Caddisfly                         | G1          | S1         |                |              |
| <i>Chimarra augusta</i>               | Caddisfly                           | G3G4        | S1         |                |              |
| <i>Chimarra falculata</i>             | Caddisfly                           | G3G4        | S1         |                |              |
| <i>Chimarra socia</i>                 | Caddisfly                           | G5          | S1         |                |              |
| <i>Chlosyne gorgone gorgone</i>       | Gorgone Checkerspot                 | G5T2T3Q     | S1         |                |              |
| <i>Cicindela blanda</i>               | Sandbar Tiger Beetle                | G3G4        | SNR        |                |              |
| <i>Cicindela dorsalis saulcyi</i>     | Eastern Beach Tiger Beetle          | G3G4T2T3    | SNR        |                |              |
| <i>Cicindela hamata lacerata</i>      | Coastal Tiger Beetle                | G5T5        | SNR        |                |              |
| <i>Cicindela lepida</i>               | Ghost Tiger Beetle                  | G3G4        | SNR        |                |              |
| <i>Cicindela marginipennis</i>        | Cobblestone Tiger Beetle            | G2          | S1         | UR             |              |
| <i>Cicindela nigrior</i>              | Autumn Tiger Beetle                 | G2G3        | S3         |                |              |
| <i>Cicindela wapleri</i>              | White Sand Tiger Beetle             | G3G4        | SNR        |                |              |
| <i>Cordulegaster obliqua fasciata</i> | Spiketail                           | G4T3Q       | S3?        |                |              |
| <i>Dibusa angata</i>                  | A Caddisfly                         | G5          | S2         |                |              |
| <i>Dicranopselaphus variegatus</i>    | Variegated False Water Penny Beetle | G1G3        | S1S3       |                |              |
| <i>Dolania americana</i>              | American Sand Burrowing Mayfly      | G4          | S1         |                |              |
| <i>Dolophilodes major</i>             | Caddisfly                           | G4G5        | S1         |                |              |
| <i>Dryobius sexnotatus</i>            | Six-banded Longhorn Beetle          | GNR         | SH         |                |              |
| <i>Epitheca spinosa</i>               | Robust Baskettail                   | G4          | S2S3       |                |              |
| <i>Euhadenoecus putaneus</i>          | A Cave Cricket                      | GNR         | S1         |                |              |
| <i>Euphyes arpa</i>                   | Palmetto Skipper                    | G3          | SNR        |                |              |
| <i>Euphyes dukesi dukesi</i>          | Dukes' Skipper                      | G3G4T3      | SNR        |                |              |
| <i>Euphyes pilatka</i>                | Palatka Skipper                     | G3          | S3S4       |                |              |
| <i>Fenisecca tarquinius</i>           | Harvester                           | G5          | SU         |                |              |
| <i>Gomphus consanguis</i>             | Cherokee Clubtail                   | G3          | S1S2       | UR             |              |
| <i>Gomphus crassus</i>                | Handsome Clubtail                   | G3G4        | S3         |                |              |
| <i>Gomphus geminatus</i>              | Twin-striped Clubtail               | G3G4        | S2         |                |              |
| <i>Gomphus hodgesi</i>                | Hodges' Clubtail                    | G3          | S3?        |                |              |
| <i>Gomphus hybridus</i>               | Cocoa Clubtail                      | G4          | S3S4       |                |              |
| <i>Gomphus modestus</i>               | Gulf Coast Clubtail                 | G3G4        | S3?        |                |              |

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| <i>Gomphus quadricolor</i>       | Rapids Clubtail                       | G3G4        | S1         |                |              |
| <i>Gomphus septima</i>           | Septima's Clubtail                    | G3          | S1S2       | UR             |              |
| <i>Gomphus viridifrons</i>       | Green-faced Clubtail                  | G3G4        | S3?        |                |              |
| <i>Hemileuca maia maia</i>       | Coastal Barrens Buckmoth              | G5T5        | SNR        |                |              |
| <i>Hesperia meskei</i>           | Meske's Skipper                       | G3G4        | S3?        |                |              |
| <i>Heteroplectron americanum</i> | Caddisfly                             | G5          | S2         |                |              |
| <i>Heterosternuta folkertsi</i>  | Folkerts' Hydroporus Diving Beetle    | G1G3        | S1S2       |                |              |
| <i>Homoeoneuria cahabensis</i>   | Cahaba Sand-filtering Mayfly          | G3          | S1S2       |                |              |
| <i>Hydropsyche alabama</i>       | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydropsyche cuanis</i>        | Caddisfly                             | G5          | S1         |                |              |
| <i>Hydropsyche decalda</i>       | Caddisfly                             | G4G5        | S1         |                |              |
| <i>Hydropsyche demora</i>        | A Caddisfly                           | G3G4        | S2         |                |              |
| <i>Hydropsyche fattigi</i>       | A Caddisfly                           | G5          | SNR        |                |              |
| <i>Hydropsyche hageni</i>        | A Caddisfly                           | G5          | S2         |                |              |
| <i>Hydropsyche incommoda</i>     | A Caddisfly                           | G5          | S2         |                |              |
| <i>Hydropsyche phalerata</i>     | Caddisfly                             | G5          | S1         |                |              |
| <i>Hydropsyche rotosa</i>        | Caddisfly                             | G2G3        | S1         |                |              |
| <i>Hydropsyche scalaris</i>      | A Caddisfly                           | G5          | S2         |                |              |
| <i>Hydropsyche simulans</i>      | Caddisfly                             | G5          | S1         |                |              |
| <i>Hydroptila cheaha</i>         | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila chelops</i>        | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila consimilis</i>     | Caddisfly                             | G5          | S2S3       |                |              |
| <i>Hydroptila coweetensis</i>    | Caddisfly                             | G1G2        | S1         |                |              |
| <i>Hydroptila decia</i>          | Knoxville Hydroptilan Micro Caddisfly | G2          | S1         |                |              |
| <i>Hydroptila fuscina</i>        | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila grandiosa</i>      | Caddisfly                             | G5          | S1         |                |              |
| <i>Hydroptila lagoi</i>          | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila lennoxi</i>        | A Caddisfly                           | G2G4        | S1         |                |              |
| <i>Hydroptila metteei</i>        | Caddisfly                             | G1G2        | S1         |                |              |
| <i>Hydroptila micropotamis</i>   | Caddisfly                             | G1G2        | S1         |                |              |
| <i>Hydroptila paralatosa</i>     | Caddisfly                             | G2          | S2         |                |              |
| <i>Hydroptila parastrepha</i>    | Caddisfly                             | G2G3        | S1         |                |              |
| <i>Hydroptila patriciae</i>      | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila scheiringi</i>     | A Caddisfly                           | G1G2        | S1         |                |              |
| <i>Hydroptila setigera</i>       | Caddisfly                             | G1          | S1         |                |              |
| <i>Hydroptila talladega</i>      | Caddisfly                             | G4          | S1         |                |              |
| <i>Hydroptila wetumpka</i>       | Caddisfly                             | G1          | S1         |                |              |
| <i>Ironoquia kaskaskia</i>       | Caddisfly                             | G4G5        | S1         |                |              |
| <i>Ironoquia punctatissima</i>   | Caddisfly                             | G5          | S2         |                |              |
| <i>Isonychia berneri</i>         | A Mayfly                              | G2G3        | SNR        |                |              |
| <i>Laccophilus schwarzi</i>      | Schwarz' Diving Beetle                | GNR         | SNR        |                |              |

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| <i>Lepidostoma griseum</i>                              | Caddisfly                                       | G5          | S1         |                |              |
| <i>Lepidostoma togatum</i>                              | A Caddisfly                                     | G5          | S2S3       |                |              |
| <i>Lepidostoma weaveri</i>                              | A Caddisfly                                     | G1          | S1         |                |              |
| <i>Lesteva pallipes</i>                                 | A Beetle  | G5          | S1         |                |              |
| <i>Lethe creola</i>                                     | Creole Pearly Eye                               | G4          | SU         |                |              |
| <i>Macromia margarita</i>                               | Mountain River Cruiser                          | G3          | SNR        |                |              |
| <i>Macrosternum zebratum</i>                            | A Caddisfly                                     | G5          | S1S2       |                |              |
| <i>Matrioptila jeanae</i>                               | A Caddisfly                                     | G4          | S2         |                |              |
| <i>Micrasema charonis</i>                               | Caddisfly                                       | G5          | S1         |                |              |
| <i>Micrasema florida</i>                                | Undescribed Caddisfly                           | G2          | S2         |                |              |
| <i>Micrasema scotti</i>                                 | Caddisfly                                       | G3G4        | S1         |                |              |
| <i>Molanna blenda</i>                                   | Caddisfly                                       | G5          | S2         |                |              |
| <i>Nannothenemis bella</i>                              | Elfin Skimmer                                   | G4G5        | SNR        |                |              |
| <i>Neonympha areolatus</i>                              | Georgia Satyr                                   | G3G4        | SU         |                |              |
| <i>Neonympha mitchellii</i>                             | Mitchell's Satyr                                | G2          | S1S2       | LE             | SP           |
| <i>Neophylax acutus</i>                                 | Caddisfly                                       | G2G3        | S1         |                |              |
| <i>Neophylax atlanta</i>                                | Caddisfly                                       | G2G4        | S1         |                |              |
| <i>Neophylax concinnus</i>                              | Caddisfly                                       | G5          | S1         |                |              |
| <i>Neophylax oligius</i>                                | A Caddisfly                                     | G5          | S1         |                |              |
| <i>Neophylax ornatus</i>                                | Caddisfly                                       | G4G5        | S1         |                |              |
| <i>Neophylax securis</i>                                | Caddisfly                                       | G2          | S1S2       |                |              |
| <i>Neotrichia mobilensis</i>                            | Caddisfly                                       | G1G2        | S1S2       |                |              |
| <i>Neotrichia sepulga</i>                               | Caddisfly                                       | G1          | S1         |                |              |
| <i>Neurocordulia molesta</i>                            | Smoky Shadowdragon                              | G4          | S3         |                |              |
| <i>Nicrophorus americanus</i>                           | American Burying Beetle                         | G3          | SH         | LT             | SP           |
| <i>Nyctiophylax banksi</i>                              | Caddisfly                                       | G4G5        | S1         |                |              |
| <i>Nyctiophylax moestus</i>                             | A Caddisfly                                     | G5          | S2         |                |              |
| <i>Nyctiophylax morsei</i>                              | Caddisfly                                       | G2          | S1         |                |              |
| <i>Ochrotrichia confusa</i>                             | Caddisfly                                       | G5          | S2         |                |              |
| <i>Ochrotrichia elongiralla</i>                         | A Caddisfly                                     | G1G2        | S1         |                |              |
| <i>Onthophagus polyphemus</i>                           | Onthophagus Tortoise<br>Commensal Scarab Beetle | G2G3        | SNR        |                |              |
| <i>Ophiogomphus acuminatus</i>                          | Acuminate Snaketail                             | G3          | S1S2       |                |              |
| <i>Ophiogomphus incurvatus</i><br><i>alleghaniensis</i> | Allegheny Snaketail                             | G3T2T3Q     | S1S2       | UR             |              |
| <i>Ophiogomphus mainensis</i>                           | Maine Snaketail                                 | G4G5        | SNR        |                |              |
| <i>Orthotrichia baldufi</i>                             | Caddisfly                                       | G5          | S1         |                |              |
| <i>Orthotrichia instabilis</i>                          | Changeable Orthotrichian<br>Microcaddisfly      | G4          | S1         |                |              |
| <i>Oxyethira anabola</i>                                | Caddisfly                                       | G4G5        | S1         |                |              |
| <i>Oxyethira dualis</i>                                 | Caddisfly                                       | G5          | S1         |                |              |
| <i>Oxyethira lumipollex</i>                             | Caddisfly                                       | G2          | S2         |                |              |
| <i>Oxyethira michiganensis</i>                          | Caddisfly                                       | G5          | S1         |                |              |
| <i>Oxyethira sininsigne</i>                             | Caddisfly                                       | G3G4        | S1         |                |              |

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| <i>Phryganea sayi</i>                   | Caddisfly                            | G5          | S1         |                |              |
| <i>Phylocentropus harrisi</i>           | Caddisfly                            | G1G2        | S1S2       |                |              |
| <i>Phylocentropus lucidus</i>           | A Caddisfly                          | G5          | S2         |                |              |
| <i>Pieris virginiensis</i>              | West Virginia White                  | G2G3        | SNR        |                |              |
| <i>Platycentropus radiatus</i>          | Caddisfly                            | G5          | S1         |                |              |
| <i>Polycentropus blicklei</i>           | A Caddisfly                          | G5          | S2         |                |              |
| <i>Polycentropus carlsoni</i>           | Carlson's Polycentropus<br>Caddisfly | G2G3        | S1         |                |              |
| <i>Polycentropus chelatus</i>           | Caddisfly                            | G2G4        | S1         |                |              |
| <i>Polycentropus clinei</i>             | A Caddisfly                          | G5          | SNR        |                |              |
| <i>Polycentropus nascotius</i>          | Caddisfly                            | G5          | S1         |                |              |
| <i>Polycentropus pentus</i>             | Caddisfly                            | G5          | S1         |                |              |
| <i>Prolema byssus</i>                   | Byssus Skipper                       | G4          | S2S3       |                |              |
| <i>Progomphus bellei</i>                | Belle's Sanddragon                   | G3          | SH         |                |              |
| <i>Protoptila cahabensis</i>            | Cahaba Saddle-case<br>Caddisfly      | G1          | S1         |                |              |
| <i>Protoptila georgiana</i>             | A Caddisfly                          | G3G4        | SNR        |                |              |
| <i>Protoptila maculata</i>              | Caddisfly                            | G5          | S2         |                |              |
| <i>Pseudanophthalmus alabamae</i>       | A Ground Beetle                      | G2          | S2         |                |              |
| <i>Pseudanophthalmus alladini</i>       | A Cave Obligate Beetle               | G3G4        | S2         |                |              |
| <i>Pseudanophthalmus assimilis</i>      | West Wills Valley Cave<br>Beetle     | G1G2        | S1         |                |              |
| <i>Pseudanophthalmus distinguens</i>    | A Ground Beetle                      | G1G2        | S1         |                |              |
| <i>Pseudanophthalmus fluviatilis</i>    | A Cave Obligate Beetle               | G3          | S2         |                |              |
| <i>Pseudanophthalmus lodingi</i>        | A Ground Beetle                      | G1G2        | S1S2       |                |              |
| <i>Pseudanophthalmus meridionalis</i>   | A Cave Obligate Beetle               | G2          | S2         |                |              |
| <i>Pseudanophthalmus nickajackensis</i> | Nickajack Cave Beetle                | G1          | S1         |                |              |
| <i>Pseudanophthalmus profundus</i>      | A Cave Obligate Beetle               | G2          | S2         |                |              |
| <i>Pseudanophthalmus sequoyah</i>       | Sequoyah Cave Beetle                 | G1          | S1         |                |              |
| <i>Pseudanophthalmus steevesi</i>       | A Cave Obligate Beetle               | G1G2        | S1S2       |                |              |
| <i>Psilotreta frontalis</i>             | Caddisfly                            | G5          | S2         |                |              |
| <i>Psilotreta labida</i>                | Caddisfly                            | G5          | S1         |                |              |
| <i>Psychomyia nomada</i>                | Caddisfly                            | G5          | S1         |                |              |
| <i>Ptilostomis postica</i>              | A Caddisfly                          | G5          | S3         |                |              |
| <i>Ptomaphagus cavernicola</i>          | A Cave Carrion Beetle                | G4          | S1         |                |              |
| <i>Ptomaphagus chromolithus</i>         | A Cave Obligate Beetle               | G2G3        | S2         |                |              |
| <i>Ptomaphagus episcopus</i>            | A Cave Obligate Beetle               | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus hatchi</i>               | A Cave Obligate Beetle               | G3          | S3         |                |              |

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| <i>Ptomaphagus hazelae</i>        | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus julius</i>         | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus laticornis</i>     | A Cave Obligate Beetle      | G1G2        | S1         |                |              |
| <i>Ptomaphagus lodingi</i>        | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus longicornis</i>    | A Cave Obligate Beetle      | G3G4        | S2         |                |              |
| <i>Ptomaphagus solanum</i>        | A Cave Obligate Beetle      | G1          | S1         |                |              |
| <i>Ptomaphagus torodei</i>        | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus valentinei</i>     | A Cave Obligate Beetle      | G3G4        | S2         |                |              |
| <i>Ptomaphagus walteri</i>        | A Cave Obligate Beetle      | G1G2        | S1S2       |                |              |
| <i>Ptomaphagus whiteselli</i>     | A Cave Obligate Beetle      | G2G3        | S1         |                |              |
| <i>Pycnopsyche gentilis</i>       | Caddisfly                   | G5          | S1         |                |              |
| <i>Pycnopsyche lepida</i>         | Caddisfly                   | G5          | S2         |                |              |
| <i>Pycnopsyche luculenta</i>      | Caddisfly                   | G5          | S2         |                |              |
| <i>Pycnopsyche scabripennis</i>   | A Caddisfly                 | G5          | S2         |                |              |
| <i>Pycnopsyche virginica</i>      | Caddisfly                   | G3G4        | S1         |                |              |
| <i>Pyreferra ceromatica</i>       | Anointed Sallow Moth        | GU          | SU         |                |              |
| <i>Quedius erythrogaster</i>      | A Beetle                    | G5          | S3         |                |              |
| <i>Quedius fulgidus</i>           | A Beetle                    | GNR         | S1         |                |              |
| <i>Rhadine caudata</i>            | A Ground Beetle             | G3          | S2         |                |              |
| <i>Rhadine larvalis</i>           | A Beetle                    | GNR         | S1         |                |              |
| <i>Rhyacophila alabama</i>        | Caddisfly                   | G1          | S1         |                |              |
| <i>Rhyacophila carolae</i>        | Caddisfly                   | G1          | S1         |                |              |
| <i>Rhyacophila fenestra</i>       | Caddisfly                   | G5          | S1         |                |              |
| <i>Rhyacophila formosa</i>        | Caddisfly                   | G5          | S1         |                |              |
| <i>Rhyacophila glaberrima</i>     | Caddisfly                   | G5          | S2         |                |              |
| <i>Rhyacophila minor</i>          | Caddisfly                   | G5          | S1         |                |              |
| <i>Rhyacophila nigrita</i>        | Caddisfly                   | G5          | S2         |                |              |
| <i>Rhyacophila teddyi</i>         | Caddisfly                   | G2          | S1         |                |              |
| <i>Rhyacophila torva</i>          | Caddisfly                   | G5          | S2         |                |              |
| <i>Rymosia triangularis</i>       | A Fungus Gnat               | GNR         | S1         |                |              |
| <i>Satyrium kingi</i>             | King's Hairstreak           | G3G4        | S2S3       |                |              |
| <i>Scoliopteryx libatrix</i>      | A Moth                      | G5          | S2         |                |              |
| <i>Serratella frisoni</i>         | Frison's Serratellan Mayfly | G4          | SH         |                |              |
| <i>Setodes epicampes</i>          | Caddisfly                   | G2          | S1         |                |              |
| <i>Setodes guttatus</i>           | Caddisfly                   | G3G5        | S1         |                |              |
| <i>Setodes incertus</i>           | Caddisfly                   | G5          | S1         |                |              |
| <i>Setodes stehri</i>             | A Caddisfly                 | G4          | S1         |                |              |
| <i>Somatochlora calverti</i>      | Calvert's Emerald           | G3          | S1S2       | UR             |              |
| <i>Somatochlora georgiana</i>     | Coppery Emerald             | G3G4        | S3S4       |                |              |
| <i>Somatochlora hineana</i>       | Hine's Emerald Dragonfly    | G2G3        | SH         | LE             | SP           |
| <i>Somatochlora provocans</i>     | Treetop Emerald             | G4          | S3S4       |                |              |
| <i>Spanglerogyrus albiventris</i> | Primitive Whirligig Beetle  | G1G3        | S1S2       |                |              |
| <i>Speleobama vana</i>            | A Cave Obligate Beetle      | G1          | S1         |                |              |

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| <i>Speleocharus croceus</i>          | A Cave Obligate Beetle              | G1G2        | S1S2       |                |              |
| <i>Speleocharus stygicus</i>         | A Cave Obligate Beetle              | G1G2        | S1S2       |                |              |
| <i>Speleocharus synstygicus</i>      | A Cave Obligate Beetle              | G1          | S1         |                |              |
| <i>Spelobia tenebrarum</i>           | A Cave Obligate Fly                 | G5          | S2         |                |              |
| <i>Speyeria diana</i>                | Diana                               | G2G3        | S2         |                |              |
| <i>Stactobiella cahaba</i>           | Caddisfly                           | G1          | S1         |                |              |
| <i>Stenelmis gammoni</i>             | Gammon's Stenelmis<br>Riffle Beetle | G2G3        | S1S2       |                |              |
| <i>Stylurus laurae</i>               | Laura's Clubtail                    | G4          | SH         |                |              |
| <i>Stylurus notatus</i>              | Elusive Clubtail                    | G3          | SH         |                |              |
| <i>Stylurus townesi</i>              | Townes' Clubtail                    | G3          | S1S2       |                |              |
| <i>Subterrochus eurous</i>           | A Cave Obligate Beetle              | G2G3        | S1         |                |              |
| <i>Subterrochus ferus</i>            | A Cave Obligate Beetle              | G1G2        | S1S2       |                |              |
| <i>Subterrochus steevesi</i>         | A Cave Obligate Beetle              | G4          | SNR        |                |              |
| <i>Theliopsyche melas</i>            | Caddisfly                           | G4G5        | S1         |                |              |
| <i>Theliopsyche tallapoosa</i>       | Caddisfly                           | G1          | S1         |                |              |
| <i>Tmesiphorus costalis</i>          | A Beetle                            | GNR         | SNR        |                |              |
| <i>Triaenodes aba</i>                | Caddisfly                           | G5          | S1         |                |              |
| <i>Triaenodes bicornus</i>           | A Caddisfly                         | G2G3        | S1         |                |              |
| <i>Triaenodes cumberlandensis</i>    | Cumberland Triaenodes<br>Caddisfly  | G3G4        | S2S3       |                |              |
| <i>Triaenodes dipsius</i>            | Long Horned Casemaker<br>Caddisfly  | G5          | S1         |                |              |
| <i>Triaenodes flavescens</i>         | Triaenode Caddisfly                 | G5          | S1         |                |              |
| <i>Triaenodes taenius</i>            | Cold Spring Triaenodes<br>Caddisfly | G3G4        | S1         |                |              |
| <i>Triaenodes tardus</i>             | A Caddisfly                         | G5          | S3         |                |              |
| <i>Triaenodes tridontus</i>          | Three-tooth Triaenodes<br>Caddisfly | G1G3        | S1         |                |              |
| <i>Tychobythinus jonesi</i>          | A Cave Obligate Beetle              | G1G2        | S1S2       |                |              |
| <i>Wormaldia shawnee</i>             | Caddisfly                           | G4G5        | S1         |                |              |
| <b>Millipedes</b>                    |                                     |             |            |                |              |
| <i>Ameractis satis</i>               | A Cave Obligate Millipede           | G2G4        | SNR        |                |              |
| <i>Pseudotremia eburnea</i>          | A Cave Obligate Millipede           | G2G4        | SNR        |                |              |
| <i>Pseudotremia minos</i>            | A Cave Obligate Millipede           | G1          | S1         |                |              |
| <i>Pseudotremia nyx</i>              | A Cave Obligate Millipede           | G1          | S1         |                |              |
| <i>Pseudotremia rhadamanthus</i>     | A Cave Obligate Millipede           | G1G2        | SNR        |                |              |
| <i>Scoterpes austrinus austrinus</i> | A Cave Obligate Millipede           | G3G4T3T4    | SNR        |                |              |
| <b>Worms</b>                         |                                     |             |            |                |              |
| <i>Cambarincola sheltensis</i>       | A Cave Obligate Worm                | G1G2        | S1S2       |                |              |
| <b>Non-Vascular Plants</b>           |                                     |             |            |                |              |
| <i>Archidium tenerrimum</i>          | Large-spored Moss                   | G5?         | S1?        |                |              |
| <i>Brachymenium macrocarpon</i>      | Tree Moss                           | GNR         | S1?        |                |              |
| <i>Bryoxiphium norvegicum</i>        | Sword Moss                          | G5?         | S1         |                |              |

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| <i>Cheilolejeunea evansii</i>                            | Liverwort                   | G1G2        | S1         |                |              |
| <i>Cololejeunea ornata</i>                               | Liverwort                   | G2G4        | S1         |                |              |
| <i>Dichodontium pellucidum</i>                           | Translucent Fork Moss       | G5          | S1         |                |              |
| <i>Fissidens hyalinus</i>                                | Filmy pocket moss           | G4G5        | S1         |                |              |
| <i>Fissidens kegelianus</i>                              | Fan Moss                    | GNRQ        | S1?        |                |              |
| <i>Fissidens neonii</i>                                  | Moss                        | G2?         | S1?        |                |              |
| <i>Fontinalis welchiana</i>                              | Difficult Moss              | GU          | S1?        |                |              |
| <i>Frullania riparia</i>                                 | Liverwort                   | G4G5        | S1?        |                |              |
| <i>Homaliadelphus sharpii</i>                            | Sharp's Homaliadelphus Moss | G3?         | S1         |                |              |
| <i>Lejeunea blomquistii</i>                              | Blomquist Leafy Liverwort   | G1G2        | S1         |                |              |
| <i>Lejeunea cardoti</i>                                  | A Liverwort                 | G3?         | S1         |                |              |
| <i>Myurella sibirica</i>                                 | Siberian Mousetail Moss     | G5          | S1         |                |              |
| <i>Schistidium rivulare</i>                              | Streamside Schistidium Moss | G5          | S2?        |                |              |
| <i>Syrrhopodon prolifer</i>                              | Moss                        | G5          | S1         |                |              |
| <i>Tortula rhizophylla</i>                               | Moss                        | G3G5        | S1         |                |              |
| <i>Trichostomum crispulum</i>                            | Moss                        | G4G5        | S2         |                |              |
| <b>Ferns &amp; Relatives</b>                             |                             |             |            |                |              |
| <i>Asplenium abscissum</i>                               | Cutleaf Spleenwort          | G3G4        | S1         |                |              |
| <i>Asplenium bradleyi</i>                                | Bradley's Spleenwort        | G4          | S2         |                |              |
| <i>Asplenium monanthes</i>                               | Single-sorus Spleenwort     | G4          | S1         |                |              |
| <i>Asplenium ruta-muraria</i>                            | Wall Rue Spleenwort         | G5          | S1         |                |              |
| <i>Asplenium scolopendrium</i><br>var. <i>americanum</i> | American Hart's-tongue Fern | G4T3        | S1         | LT             |              |
| <i>Asplenium trichomanes</i>                             | Maidenhair Spleenwort       | G5          | S2S3       |                |              |
| <i>Asplenium tutwilerae</i>                              | Scott's Spleenwort          | G1          | S1         |                |              |
| <i>Asplenium x ebenoides</i>                             | Scott's Spleenwort          | GNA         | S1         |                |              |
| <i>Astrolepis x integerrima</i>                          | Hybrid Cloak Fern           | G5          | S1         |                |              |
| <i>Botrychium jenmanii</i>                               | Alabama Grapefern           | G3G4        | S1         |                |              |
| <i>Cystopteris tennesseensis</i>                         | Tennessee Bladderfern       | G5          | S2         |                |              |
| <i>Dendrolycopodium obscurum</i>                         | Tree Clubmoss               | G5          | S1         |                |              |
| <i>Diphasiastrum tristachyum</i>                         | Deep-root Clubmoss          | G5          | S1         |                |              |
| <i>Dryopteris celsa</i>                                  | Log Fern                    | G4          | S2         |                |              |
| <i>Equisetum arvense</i>                                 | Field Horsetail             | G5          | S2         |                |              |
| <i>Huperzia lucidula</i>                                 | Shining Clubmoss            | G5          | S2         |                |              |
| <i>Huperzia porophila</i>                                | Rock Clubmoss               | G4          | S1         |                |              |
| <i>Hymenophyllum tayloriae</i>                           | Gorge Filmy Fern            | G2          | S1         |                |              |
| <i>Isoetes appalachiana</i>                              | Appalachian Quillwort       | G4          | S2         |                |              |
| <i>Isoetes boomii</i>                                    | Boom's Quillwort            | G1          | S1         |                |              |
| <i>Isoetes butleri</i>                                   | Butler's Quillwort          | G4          | S2S3       |                |              |
| <i>Isoetes flaccida</i>                                  | Southern Quillwort          | G3          | S1         |                |              |
| <i>Isoetes graniticola</i>                               | Granite Loving Quillwort    | G2          | S2         |                |              |
| <i>Isoetes hyemalis</i>                                  | Winter Quillwort            | G2G3        | S1         | UR             |              |

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| <i>Isoetes louisianensis</i>                          | Louisiana Quillwort           | G2G3        | S1         | LE             |              |
| <i>Isoetes virginica</i>                              | Piedmont Quillwort            | G3          | S2         |                |              |
| <i>Lycopodium clavatum</i>                            | Running-pine                  | G5          | S1         |                |              |
| <i>Lygodium palmatum</i>                              | Climbing Fern                 | G4          | S1         |                |              |
| <i>Osmunda claytoniana</i>                            | Interrupted Fern              | G5          | S1         |                |              |
| <i>Pilularia americana</i>                            | American Pillwort             | G5          | S1         |                |              |
| <i>Psilotum nudum</i>                                 | Whiskfern                     | G5          | S1         |                |              |
| <i>Selaginella arenicola</i> ssp.<br><i>riddellii</i> | Riddell's Spikemoss           | G4T4        | S2         |                |              |
| <i>Selaginella ludoviciana</i>                        | Gulf Spike-moss               | G3G4        | S1S2       |                |              |
| <i>Selaginella rupestris</i>                          | Ledge Spike-moss              | G5          | S2S3       |                |              |
| <i>Stegnogramma burksiorum</i>                        | Alabama Streak-sorus Fern     | G4T1        | S1         | LT             |              |
| <i>Thelypteris ovata</i>                              | Ovate Marsh Fern              | G3G5        | S3         |                |              |
| <i>Trichomanes petersii</i>                           | Dwarf Filmy-fern              | G4G5        | S2         |                |              |
| <b>Monocots</b>                                       |                               |             |            |                |              |
| <i>Allium speculae</i>                                | Little River Canyon Onion     | G2          | S2         |                |              |
| <i>Allium tricoccum</i>                               | Wild Leek                     | G5          | S1         |                |              |
| <i>Amphicarpum muehlenbergianum</i>                   | Blue Maiden-cane              | G4          | S1         |                |              |
| <i>Andropogon arctatus</i>                            | Pine-woods Bluestem           | G3          | S1         |                |              |
| <i>Andropogon capillipes</i>                          | Beardgrass                    | G5T4T5      | S2         |                |              |
| <i>Andropogon perangustatus</i>                       | Elliott's Beardgrass          | G5T4        | S1         |                |              |
| <i>Aplectrum hyemale</i>                              | Puttyroot                     | G5          | S2         |                |              |
| <i>Aristida mohrii</i>                                | Mohr's Three-awn Grass        | G1          | S1         |                |              |
| <i>Aristida simpliciflora</i>                         | Southern Three-awned Grass    | G3G4        | S1         |                |              |
| <i>Aristida spiciformis</i>                           | Pine Barren Three-awned Grass | G4          | S1         |                |              |
| <i>Bolboschoenus fluviatilis</i>                      | River Bulrush                 | G5          | S1         |                |              |
| <i>Bulbostylis warei</i>                              | Ware's Hairsedge              | G3G4        | S1         |                |              |
| <i>Calamovilfa arcuata</i>                            | Cumberland Sandgrass          | G2G3        | S1         | UR             |              |
| <i>Calopogon barbatus</i>                             | Bearded Grass-pink            | G4?         | S1         |                |              |
| <i>Calopogon multiflorus</i>                          | Many-flowered Grass-pink      | G2G3        | S1         |                |              |
| <i>Calopogon oklahomensis</i>                         | Oklahoma Grass-pink           | G2          | S1         |                |              |
| <i>Canna flaccida</i>                                 | Bandana-of-the-everglades     | G4?         | S1         |                |              |
| <i>Carex acidicola</i>                                | Acid loving sedge             | G2G3        | S1         |                |              |
| <i>Carex appalachica</i>                              | Appalachian Sedge             | G4          | S1         |                |              |
| <i>Carex austrina</i>                                 | Southern Sedge                | G4?         | S1         |                |              |
| <i>Carex austrocaroliniana</i>                        | Tarheel Sedge                 | G4          | S2?        |                |              |
| <i>Carex baltzellii</i>                               | Baltzell's Sedge              | G3          | S1         |                |              |
| <i>Carex barrattii</i>                                | Barratt's Sedge               | G4          | S1         |                |              |
| <i>Carex brevior</i>                                  | Short Beak Sedge              | G5          | S1         |                |              |
| <i>Carex brysonii</i>                                 | Bryson's Sedge                | G1          | S1         | UR             |              |

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| <i>Carex decomposita</i>                       | Cypress-knee Sedge              | G3G4        | S1         |                |              |
| <i>Carex eburnea</i>                           | Ebony Sedge                     | G5          | S2         |                |              |
| <i>Carex exilis</i>                            | Coast Sedge                     | G5          | S1         |                |              |
| <i>Carex fissa var. aristata</i>               | Hammock Sedge                   | G4?T4?      | S1         |                |              |
| <i>Carex godfreyi</i>                          | Godfrey's Sedge                 | G3G4        | S1         |                |              |
| <i>Carex impressinervia</i>                    | Impressed-nerved Sedge          | G2          | S1         | UR             |              |
| <i>Carex mesochorea</i>                        | Midland Sedge                   | G4G5        | S1         |                |              |
| <i>Carex oklahomensis</i>                      | Oklahoma Sedge                  | G4          | S1         |                |              |
| <i>Carex purpurifera</i>                       | Purple Sedge                    | G4?         | S2         |                |              |
| <i>Carex socialis</i>                          | Social Sedge                    | G4          | S1?        |                |              |
| <i>Carex striata</i>                           | Walter's Sedge                  | G4G5        | S1         |                |              |
| <i>Carex thornei</i>                           | Thorne's Sedge                  | G2G3        | S1         |                |              |
| <i>Carex timida</i>                            | Timid Sedge                     | G2G4        | S1         |                |              |
| <i>Chasmanthium nitidum</i>                    | Shiny Spikegrass                | G3G4        | S1         |                |              |
| <i>Cladium mariscoides</i>                     | Twig Rush                       | G5          | S1         |                |              |
| <i>Cleistesiopsis bifaria</i>                  | Small Spreading Pogonia         | G4?         | S1         |                |              |
| <i>Coelorachis tessellata</i>                  | Lattice Jointgrass              | G5?         | S1         |                |              |
| <i>Coelorachis tuberculosa</i>                 | Florida Jointgrass              | G3          | S1         |                |              |
| <i>Corallorrhiza odontoriza</i>                | Autumn Coral-Root               | G5          | S1         |                |              |
| <i>Corallorrhiza wisteriana</i>                | Spring Coralroot                | G5          | S2         |                |              |
| <i>Cyperus granitophilus</i>                   | Granite-loving Flatsedge        | G3G4Q       | S2         |                |              |
| <i>Cyperus tetragonus</i>                      | Four-angle Flatsedge            | G4?         | S1         |                |              |
| <i>Cypripedium candidum</i>                    | Small White Lady's-slipper      | G4          | S1         |                |              |
| <i>Cypripedium kentuckiense</i>                | Southern Lady's-slipper         | G3          | S1         |                |              |
| <i>Diarrhena americana</i>                     | American Beakgrain              | G4G5        | S2         |                |              |
| <i>Dichanthelium nudicaule</i>                 | Naked-stemmed Panic Grass       | G3Q         | S2         |                |              |
| <i>Echinodorus parvulus</i>                    | Dwarf Burhead                   | G3Q         | S1         |                |              |
| <i>Eleocharis bifida</i>                       | Glades Spikerush                | G3G4        | S1         |                |              |
| <i>Eleocharis melanocarpa</i>                  | Black-fruited Spike-rush        | G4          | S1         |                |              |
| <i>Eleocharis olivacea</i>                     | Capitate Spikerush              | G5          | S1         |                |              |
| <i>Eleocharis robbinsii</i>                    | Robbins' Spikerush              | G4G5        | S1         |                |              |
| <i>Eleocharis rostellata</i>                   | Beaked Spikerush                | G5          | S1         |                |              |
| <i>Eleocharis wolfii</i>                       | Wolf's Spikerush                | G3G5        | S1         |                |              |
| <i>Elodea canadensis</i>                       | Broad Waterweed                 | G5          | S1         |                |              |
| <i>Elymus churchii</i>                         | Church's Wildrye                | G3          | S1         |                |              |
| <i>Epidendrum magnoliae</i>                    | Green-fly Orchid                | G4          | S3         |                |              |
| <i>Eriocaulon aquaticum</i>                    | White Buttons                   | G5          | SH         |                |              |
| <i>Eriocaulon lineare</i>                      | Narrow Pipewort                 | G4          | S2         |                |              |
| <i>Eriocaulon texense</i>                      | Texas Pipewort                  | G4          | S2         |                |              |
| <i>Erythronium albidum</i>                     | White Trout Lily                | G5          | S1S2       |                |              |
| <i>Erythronium umbilicatum ssp. monostylum</i> | Southern Appalachian Trout Lily | G5T3        | S1         |                |              |
| <i>Eustachys floridana</i>                     | Two-spike Finger Grass          | G2?         | S1         |                |              |

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| <i>Fimbristylis brevivaginata</i>                       | Glade Fimbristylis            | G2          | S1         |                |              |
| <i>Fimbristylis perpusilla</i>                          | Harper's Fimbray              | G2          | S1         |                |              |
| <i>Habenaria quinqueseta</i> var.<br><i>quinqueseta</i> | Michaux Orchid                | G4G5T4?     | S1         |                |              |
| <i>Hymenocallis choctawensis</i>                        | Choctaw Spider Lily           | G3G4        | S2         |                |              |
| <i>Hymenocallis coronaria</i>                           | Shoals Spider-lily            | G3?         | S2         |                |              |
| <i>Iris prismatica</i>                                  | Slender Blue Iris             | G4G5        | S1         |                |              |
| <i>Isotria verticillata</i>                             | Large Whorled Pogonia         | G5          | S2         |                |              |
| <i>Juncus georgianus</i>                                | Georgia Rush                  | G4          | S1         |                |              |
| <i>Juncus gymnocarpus</i>                               | Naked-fruited Rush            | G4          | S2         |                |              |
| <i>Juncus interior</i>                                  | Inland Rush                   | G4          | S1         |                |              |
| <i>Juncus nodatus</i>                                   | Stout Rush                    | G5          | S2         |                |              |
| <i>Lachnocaulon digynum</i>                             | Pineland Bogbutton            | G3G4        | S2         |                |              |
| <i>Lachnocaulon engleri</i>                             | Engler's Bogbutton            | G3          | S1         |                |              |
| <i>Lachnocaulon minus</i>                               | Small's Bog-button            | G3G4        | S1?        |                |              |
| <i>Lilium canadense</i>                                 | Canada Lily                   | G5          | S2         |                |              |
| <i>Lilium iridollae</i>                                 | Panhandle Lily                | G3          | S1         |                |              |
| <i>Lilium michiganense</i>                              | Michigan Lily                 | G5          | S1         |                |              |
| <i>Lilium superbum</i>                                  | Turk's-cap Lily               | G5          | S3         |                |              |
| <i>Liparis liliifolia</i>                               | Lily-leaved Twayblade         | G5          | S1         |                |              |
| <i>Liparis loeselii</i>                                 | Loesel's Twayblade            | G5          | S1?        |                |              |
| <i>Luziola bahiensis</i>                                | Brazilian Luziola             | G4G5        | S1         |                |              |
| <i>Melica nitens</i>                                    | Three-flower Melic Grass      | G5          | S1         |                |              |
| <i>Muhlenbergia sobolifera</i>                          | Cliff Muhly                   | G5          | S1         |                |              |
| <i>Najas gracillima</i>                                 | Thread-like Naiad             | G5?         | S1         |                |              |
| <i>Nemastylis geminiflora</i>                           | Prairie Pleatleaf             | G4          | S1         |                |              |
| <i>Orthochilus ecristatus</i>                           | Crestless Eulophia            | G2G3        | S1         |                |              |
| <i>Panicum lithophilum</i>                              | Swallen's Panic-grass         | G2G3Q       | S1         |                |              |
| <i>Peltandra sagittifolia</i>                           | Spoon-flower                  | G3G4        | S2         |                |              |
| <i>Platanthera conspicua</i>                            | Large White Fringed<br>Orchid | G5T4        | S1S2       |                |              |
| <i>Platanthera integra</i>                              | Yellow Fringeless Orchid      | G3G4        | S2         |                |              |
| <i>Platanthera integrilabia</i>                         | White Fringeless Orchid       | G2G3        | S2         | LT             |              |
| <i>Platanthera lacera</i>                               | Green-fringed Orchid          | G5          | S2         |                |              |
| <i>Platanthera nivea</i>                                | Snowy Orchis                  | G5          | S2         |                |              |
| <i>Platanthera peramoena</i>                            | Purple Fringeless Orchid      | G5          | S1         |                |              |
| <i>Pleea tenuifolia</i>                                 | Rush False-asphodel           | G4          | S1S2       |                |              |
| <i>Prosartes maculata</i>                               | Spotted Mandarin              | G4          | S1         |                |              |
| <i>Rhynchospora alba</i>                                | White beakrush                | G5          | S1         |                |              |
| <i>Rhynchospora brachychaeta</i>                        | West Indian Beakrush          | GNR         | S1         |                |              |
| <i>Rhynchospora capillacea</i>                          | Horned Beakrush               | G4G5        | S1         |                |              |
| <i>Rhynchospora crinipes</i>                            | Hairy-peduncled Beakrush      | G3          | S1         | UR             |              |
| <i>Rhynchospora fernaldii</i>                           | Fernald's Beak Rush           | G3G4        | S1?        |                |              |
| <i>Rhynchospora harperi</i>                             | Harper's Beakrush             | G4?         | S1         |                |              |

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| <i>Rhynchospora leptocarpa</i>                       | Slender Fruit Beakrush         | G3          | S1         |                |              |
| <i>Rhynchospora macra</i>                            | Southern White Beak Rush       | G3G4        | S1         |                |              |
| <i>Rhynchospora microcephala</i>                     | Small Head Beakrush            | G5          | S1         |                |              |
| <i>Rhynchospora odorata</i>                          | Fragrant Beakrush              | G4          | S1         |                |              |
| <i>Rhynchospora pinetorum</i>                        | Small's Beakrush               | G5?T3T4     | S1         |                |              |
| <i>Rhynchospora pleiantha</i>                        | Brown Beakrush                 | G2G3        | S1         |                |              |
| <i>Rhynchospora saxicola</i>                         | Stone Mountain Beakrush        | G3Q         | S1         |                |              |
| <i>Rhynchospora stenophylla</i>                      | Chapman Beakrush               | G4          | S2         |                |              |
| <i>Rhynchospora thornei</i>                          | Thorne's Beakrush              | G3          | S1         | UR             |              |
| <i>Rhynchospora tracyi</i>                           | Tracy's Beak Rush              | G4          | S1         |                |              |
| <i>Sagittaria isoetiformis</i>                       | Slender Arrow-head             | G4?         | S2         |                |              |
| <i>Sagittaria secundifolia</i>                       | Little River Arrow-head        | G1          | S1         | LT             |              |
| <i>Schizachyrium maritimum</i>                       | Gulf Bluestem                  | G3G4Q       | S1         |                |              |
| <i>Schizachyrium scoparium</i> ssp. <i>divergens</i> | Eastern Little Bluestem        | G5T5        | SH         |                |              |
| <i>Schoenolirion croceum</i>                         | Yellow Sunnybell               | G4          | S2         |                |              |
| <i>Schoenolirion wrightii</i>                        | Texas Sunnybell                | G3          | S1         |                |              |
| <i>Schoenoplectus subterminalis</i>                  | Water Bulrush                  | G5          | S1         |                |              |
| <i>Spiranthes brevilabris</i>                        | Texas Ladies'-tresses          | G1G2        | SH         |                |              |
| <i>Spiranthes longilabris</i>                        | Giant Spiral Ladies'-tresses   | G3          | S1         |                |              |
| <i>Spiranthes lucida</i>                             | Shining Ladies'-tresses        | G4          | S1         |                |              |
| <i>Sporobolus curtissii</i>                          | Pineland Dropseed              | G3          | S1         |                |              |
| <i>Sporobolus floridanus</i>                         | Florida Dropseed               | G3          | S1         |                |              |
| <i>Sporobolus teretifolius</i>                       | Wire-leaved Dropseed           | G2          | S1         | UR             |              |
| <i>Stenanthium leimanthoides</i>                     | Pine Barren Deathcamas         | G4Q         | S1         |                |              |
| <i>Stenanthium texanum</i>                           | Crow Poison                    | G?          | S1         |                |              |
| <i>Thalia dealbata</i>                               | Powdery Thalia                 | G4          | S1         |                |              |
| <i>Tradescantia ernestiana</i>                       | Ernest's Spiderwort            | G3G4Q       | S1         |                |              |
| <i>Tridens carolinianus</i>                          | Carolina Fluff Grass           | G3G4        | S1         |                |              |
| <i>Trillium flexipes</i>                             | Nodding Trillium               | G5          | S2S3       |                |              |
| <i>Trillium grandiflorum</i>                         | Large-flowered Trillium        | G5          | S1         |                |              |
| <i>Trillium lancifolium</i>                          | Narrow-leaved Trillium         | G3          | S2S3       |                |              |
| <i>Trillium pusillum</i> var. <i>ozarkanum</i>       | Alabama Least Trillium         | G4T3        | S2         |                |              |
| <i>Trillium recurvatum</i>                           | Prairie Trillium               | G5          | S2         |                |              |
| <i>Trillium reliquum</i>                             | Relict Trillium                | G3          | S2         | LE             |              |
| <i>Trillium rugelii</i>                              | Southern Nodding Trillium      | G4          | S2?        |                |              |
| <i>Trillium sessile</i>                              | Toadshade                      | G5          | S2         |                |              |
| <i>Trillium sulcatum</i>                             | Southern Red Trillium          | G4          | S1         |                |              |
| <i>Trillium vaseyi</i>                               | Vasey's Trillium               | G3          | S1         |                |              |
| <i>Uvularia floridana</i>                            | Florida Bellwort               | G3          | S2         |                |              |
| <i>Veratrum hybridum</i>                             | Broadleaf Bunchflower          | G5          | S1         |                |              |
| <i>Veratrum parviflorum</i>                          | Small-flowered False Hellebore | G4?         | S1S2       |                |              |

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| <i>Veratrum woodii</i>           | Wood's False Hellebore       | G5          | S1         |                |              |
| <i>Xerophyllum asphodeloides</i> | Turkeybeard                  | G4          | S1         |                |              |
| <i>Xyris brevifolia</i>          | Shortleaf Yellow-eyed Grass  | G4G5        | S1         |                |              |
| <i>Xyris chapmanii</i>           | Chapman's Yellow-eyed Grass  | G3          | S1         |                |              |
| <i>Xyris drummondii</i>          | Drummond's Yellow-eyed Grass | G3G4        | S3         |                |              |
| <i>Xyris flabelliformis</i>      | Savanna Yellow-eyed Grass    | G4          | S1         |                |              |
| <i>Xyris isoetifolia</i>         | Quillwort Yellow-eyed Grass  | G2          | SH         |                |              |
| <i>Xyris longisepala</i>         | Kral's Yellow-eyed Grass     | G2G3        | S1         | UR             |              |
| <i>Xyris scabrifolia</i>         | Harper's Yellow-eyed Grass   | G3          | S1S2       |                |              |
| <i>Xyris serotina</i>            | Acid-swamp Yellow-eyed-grass | G3G4        | S1         |                |              |
| <i>Xyris spathifolia</i>         | a Yellow-eyed Grass          | G1          | S1         |                |              |
| <i>Xyris tennesseensis</i>       | Tennessee Yellow-eyed Grass  | G2          | S1         | LE             |              |
| <b>Dicots</b>                    |                              |             |            |                |              |
| <i>Aconitum uncinatum</i>        | Blue Monkshood               | G4          | S1         |                |              |
| <i>Actaea rubifolia</i>          | Appalachian Bugbane          | G3          | S1         |                |              |
| <i>Agalinis aphylla</i>          | Leafless False-foxtglove     | G3G4        | S2         |                |              |
| <i>Agalinis auriculata</i>       | Auriculate False-foxtglove   | G3          | S1         |                |              |
| <i>Agalinis divaricata</i>       | Pineland False-foxtglove     | G3?         | S1         |                |              |
| <i>Agalinis filicaulis</i>       | Thin-stemmed False-foxtglove | G3G4        | S2         |                |              |
| <i>Agalinis gattingeri</i>       | Gattinger's False-foxtglove  | G4          | SH         |                |              |
| <i>Agalinis georgiana</i>        | Georgia False Foxglove       | G1          | S1         |                |              |
| <i>Agalinis heterophylla</i>     | Prairie False-foxtglove      | G4G5        | S2         |                |              |
| <i>Agalinis linifolia</i>        | Flax-leaf False-foxtglove    | G4?         | S2         |                |              |
| <i>Agalinis oligophylla</i>      | Ridge-stem False-foxtglove   | G4          | S1         |                |              |
| <i>Agastache nepetoides</i>      | Yellow Giant Hyssop          | G5          | S1         |                |              |
| <i>Agrimonia incisa</i>          | Incised Groovebur            | G3          | S2         |                |              |
| <i>Amorpha nitens</i>            | Indigo Bush                  | G3?         | S1?        |                |              |
| <i>Ampelaster carolinianus</i>   | Carolina Aster               | G5          | S1         |                |              |
| <i>Amsonia rigida</i>            | Stiff Blue-star              | G4          | S1         |                |              |
| <i>Apios priceana</i>            | Price's Potato-bean          | G3          | S2         | LT             |              |
| <i>Arabis georgiana</i>          | Georgia Rockcress            | G1          | S1         | LT             |              |
| <i>Arabis patens</i>             | Spreading Rockcress          | G3          | S1         |                |              |
| <i>Aralia racemosa</i>           | American Spikenard           | G5          | S1         |                |              |
| <i>Armoracia lacustris</i>       | Lake Cress                   | G4?         | S1         |                |              |
| <i>Arnica acaulis</i>            | Leopardsbane                 | G4          | S1         |                |              |

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| <i>Arnoglossum diversifolium</i>                  | Variable-leaved Indian-plantain | G2          | S1         | UR             |              |
| <i>Arnoglossum sulcatum</i>                       | Indian-plantain                 | G3          | S3         |                |              |
| <i>Asclepias cinerea</i>                          | Carolina Milkweed               | G4?         | S1         |                |              |
| <i>Asclepias connivens</i>                        | Large-flower Milkweed           | G4?         | SNR        |                |              |
| <i>Asclepias exaltata</i>                         | Poke Milkweed                   | G5          | S1         |                |              |
| <i>Asclepias rubra</i>                            | Red Milkweed                    | G4G5        | S1         |                |              |
| <i>Asclepias tomentosa</i>                        | Velvet Milkweed                 | G4          | SH         |                |              |
| <i>Asclepias viridula</i>                         | Southern Milkweed               | G2          | S1         |                |              |
| <i>Astragalus canadensis</i>                      | Canadian Milkvetch              | G5          | S1         |                |              |
| <i>Astragalus obcordatus</i>                      | Florida Milkvetch               | G3G4        | S1         |                |              |
| <i>Astragalus tennesseensis</i>                   | Tennessee Milkvetch             | G3          | S1S2       |                |              |
| <i>Astragalus villosus</i>                        | Hoary Milkvetch                 | G4          | S2         |                |              |
| <i>Aureolaria patula</i>                          | Spreading False-foxglove        | G3          | S1         |                |              |
| <i>Balduina atropurpurea</i>                      | Purple Balduina                 | G2          | SH         | UR             |              |
| <i>Baptisia australis</i>                         | Blue Wild Indigo                | G5          | S1         |                |              |
| <i>Baptisia australis</i> var. <i>aberrans</i>    | Tall Blue Wild Indigo           | G5T2        | S1         |                |              |
| <i>Baptisia megacarpa</i>                         | Apalachicola Wild Indigo        | G2          | S2         | UR             |              |
| <i>Berberis canadensis</i>                        | American Barberry               | G3G4        | S1         |                |              |
| <i>Bidens cernua</i>                              | Nodding Beggar-ticks            | G5          | S1         |                |              |
| <i>Bigelowia nuttallii</i>                        | Nuttall's Rayless Goldenrod     | G3G4        | S3         |                |              |
| <i>Blephilia subnuda</i>                          | Smooth Blephilia                | G1G2        | S1S2       |                |              |
| <i>Boykinia aconitifolia</i>                      | Brook Saxifrage                 | G4          | S1         |                |              |
| <i>Brickellia cordifolia</i>                      | Flyr's Brickell-bush            | G3          | S2         |                |              |
| <i>Calliphysalis carpenteri</i>                   | Carpenter's Ground-cherry       | G3          | S1         |                |              |
| <i>Callirhoe alcaeoides</i>                       | Clustered Poppy-mallow          | G5?         | S2         |                |              |
| <i>Callirhoe papaver</i>                          | Woods Poppy-mallow              | G5          | S1         |                |              |
| <i>Callirhoe triangulata</i>                      | Clustered Poppy-mallow          | G3          | S1         |                |              |
| <i>Castanea pumila</i> var. <i>ozarkensis</i>     | Ozark Chinquapin                | G5T3        | SH         |                |              |
| <i>Castilleja coccinea</i>                        | Scarlet Indian Paintbrush       | G5          | S1         |                |              |
| <i>Castilleja kraliana</i>                        | Cahaba Paintbrush               | G2          | S2         |                |              |
| <i>Ceanothus microphyllus</i>                     | Little-leaf Whitethorn          | G4G5        | S3         |                |              |
| <i>Celastrus scandens</i>                         | Climbing Bittersweet            | G5          | S1         |                |              |
| <i>Chamaecrista deeringiana</i>                   | Florida Senna                   | G2G4Q       | S1         |                |              |
| <i>Chelone lyonii</i>                             | Pink Turtlehead                 | G4          | S1         |                |              |
| <i>Chelone obliqua</i> var. <i>obliqua</i>        | Red Turtlehead                  | G4T3T4Q     | S1         |                |              |
| <i>Chrysopsis godfreyi</i>                        | Godfrey's Golden-aster          | G2          | S1         |                |              |
| <i>Chrysopsis gossypina</i> ssp. <i>cruiseana</i> | Cruise's Golden-aster           | G5T2        | S1         |                |              |
| <i>Chrysosplenium americanum</i>                  | American Golden-saxifrage       | G5          | SH         |                |              |

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| <i>Cirsium lecontei</i>                                | Le Conte's Thistle         | G3          | S1         |                |              |
| <i>Cirsium muticum</i>                                 | Swamp Thistle              | G5          | S1         |                |              |
| <i>Cirsium nuttallii</i>                               | Nuttall's Thistle          | G5          | S1         |                |              |
| <i>Claytonia caroliniana</i>                           | Carolina Spring Beauty     | G5          | S1         |                |              |
| <i>Clematis morefieldii</i>                            | Morefield's Leather-flower | G2          | S2         | LE             |              |
| <i>Clematis socialis</i>                               | Alabama Leather-flower     | G1          | S1         | LE             |              |
| <i>Clethra acuminata</i>                               | Mountain Pepper-bush       | G4          | S1         |                |              |
| <i>Clinopodium glabellum</i>                           | Ozark Savory               | G3Q         | S1         |                |              |
| <i>Collinsia verna</i>                                 | Spring Blue-eyed Mary      | G5          | S1         |                |              |
| <i>Comandra umbellata</i>                              | Bastard Toad-flax          | G5          | S1         |                |              |
| <i>Coreopsis grandiflora</i> var. <i>inclinata</i>     | Tickseed                   | G5T2        | S2         |                |              |
| <i>Coreopsis nudata</i>                                | Georgia Tickseed           | G3?         | S1         |                |              |
| <i>Coreopsis pulchra</i>                               | Woodland Tickseed          | G2          | S2         |                |              |
| <i>Cotinus obovatus</i>                                | American Smoketree         | G4          | S2         |                |              |
| <i>Crataegus aemula</i>                                | Rome Hawthorn              | G2          | S1         |                |              |
| <i>Crataegus Ashei</i>                                 | Ash's Hawthorn             | G2          | S1         |                |              |
| <i>Crataegus triflora</i>                              | Three-flowered Hawthorn    | G2G3        | S2         |                |              |
| <i>Croton alabamensis</i> var. <i>alabamensis</i>      | Alabama Croton             | G3T3        | S3         |                |              |
| <i>Croton elliotii</i>                                 | Elliott's Croton           | G3          | S1         | UR             |              |
| <i>Cuscuta harperi</i>                                 | Harper's Dodder            | G2G3        | S2         |                |              |
| <i>Dalea cahaba</i>                                    | Cahaba Prairie Clover      | G2          | S2         |                |              |
| <i>Dalea foliosa</i>                                   | Leafy Prairie Clover       | G2G3        | S1         | LE             |              |
| <i>Dalea gattingeri</i>                                | Gattinger's Prairie Clover | G3G4        | S3         |                |              |
| <i>Delphinium alabamicum</i>                           | Alabama Larkspur           | G3          | S3         |                |              |
| <i>Delphinium carolinianum</i> ssp. <i>calciphilum</i> | Prairie Larkspur           | G5T2T4      | S1         |                |              |
| <i>Desmodium ochroleucum</i>                           | Cream Tick-trefoil         | G2G3        | S2         |                |              |
| <i>Dicentra cucullaria</i>                             | Dutchman's Breeches        | G5          | S2         |                |              |
| <i>Dicerandra linearifolia</i>                         | Large-flowered Pennyroyal  | G4G5        | S2         |                |              |
| <i>Diervilla rivularis</i>                             | Mountain Bush-honeysuckle  | G3          | S2         |                |              |
| <i>Dodecatheon frenchii</i>                            | French's Shooting Star     | G3?         | S1         |                |              |
| <i>Draba ramosissima</i>                               | Branched Whitlow-grass     | G4          | S1         |                |              |
| <i>Drosera rotundifolia</i>                            | Round-leaved Sundew        | G5          | S1         |                |              |
| <i>Dyschoriste oblongifolia</i>                        | Oblong-leaved Dyschoriste  | G4G5        | S1         |                |              |
| <i>Echinacea pallida</i>                               | Pale-purple Coneflower     | G4          | S2         |                |              |
| <i>Echinacea simulata</i>                              | Prairie Purple Coneflower  | G4          | S1         |                |              |
| <i>Enemion biternatum</i>                              | False Rue-anemone          | G5          | S2         |                |              |
| <i>Epilobium coloratum</i>                             | Purple-leaf Willow-herb    | G5          | S1         |                |              |

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| <i>Erigeron strigosus</i> var. <i>dolomiticola</i>   | Cahaba Daisy Fleabane      | G5T2?       | S2?        |                |              |
| <i>Eriogonum harperi</i>                             | Harper's Umbrella Plant    | G4T2        | S1         |                |              |
| <i>Euphorbia discoidalis</i>                         | Euphorbia                  | G4          | S2?        |                |              |
| <i>Euphorbia inundata</i>                            | Florida Pine Spurge        | G4G5        | S1         |                |              |
| <i>Eurybia chapmanii</i>                             | Chapman Aster              | G2G3        | SH         |                |              |
| <i>Eurybia eryngiifolia</i>                          | Coyote-thistle Aster       | G3G4        | S1         |                |              |
| <i>Eurybia spectabilis</i>                           | Showy Aster                | G5          | S2         |                |              |
| <i>Eurybia surculosa</i>                             | Creeping Aster             | G4G5        | S1         |                |              |
| <i>Evolvulus sericeus</i> var. <i>sericeus</i>       | Creeping Morning-glory     | G5T3T5      | S1         |                |              |
| <i>Fothergilla major</i>                             | Mountain Witch-alder       | G3          | S2         |                |              |
| <i>Fothergilla milleri</i>                           | Dwarf Witch-alder          | G2          | S1         |                |              |
| <i>Fothergilla parvifolia</i>                        | Kearney's Witch Alder      | G2          | S1         |                |              |
| <i>Galactia floridana</i>                            | Florida Milk Pea           | G3G4        | S1         |                |              |
| <i>Galium lanceolatum</i>                            | Torrey's Wild Licorice     | G5          | S1         |                |              |
| <i>Gaultheria procumbens</i>                         | Wintergreen                | G5          | SH         |                |              |
| <i>Geum vernum</i>                                   | Spring Avens               | G5          | S1         |                |              |
| <i>Geum virginianum</i>                              | Pale Avens                 | G5          | S2         |                |              |
| <i>Gordonia lasianthus</i>                           | Loblolly Bay               | G5          | S1         |                |              |
| <i>Gratiola amphiantha</i>                           | Granite Pool Sprite        | G2          | S1         | LT             |              |
| <i>Hamamelis ovalis</i>                              | Mississippi Witch Hazel    | G2G3        | S1         |                |              |
| <i>Harperella nodosa</i>                             | Harperella                 | G2          | S1         | LE             |              |
| <i>Hedeoma drummondii</i>                            | Drummond's Pennyroyal      | G5          | S2         |                |              |
| <i>Helenium brevifolium</i>                          | Little Leaf Sneezeweed     | G4          | S1         |                |              |
| <i>Helenium vernale</i>                              | Spring Sneezeweed          | G4?         | S2         |                |              |
| <i>Helianthemum arenicola</i>                        | Coastal-sand Frostweed     | G3          | S1         |                |              |
| <i>Helianthus eggeri</i>                             | Eggert's Sunflower         | G3          | S2         |                |              |
| <i>Helianthus glaucophyllus</i>                      | White-leaved Sunflower     | G3G4        | SH         |                |              |
| <i>Helianthus longifolius</i>                        | Longleaf Sunflower         | G3          | S1S2       |                |              |
| <i>Helianthus porteri</i>                            | Confederate Daisy          | G4          | S2         |                |              |
| <i>Helianthus smithii</i>                            | Smith's Sunflower          | G2Q         | S2         |                |              |
| <i>Helianthus verticillatus</i>                      | Whorled Sunflower          | G1          | S1         | LE             |              |
| <i>Heuchera longiflora</i>                           | Long-flower Alumroot       | G4          | S1         |                |              |
| <i>Hexastylis finzelii</i>                           | Finzel's Ginger            | G1          | S1         |                |              |
| <i>Hexastylis shuttleworthii</i> var. <i>harperi</i> | Harper's Wild Ginger       | G4T3        | S2         |                |              |
| <i>Hexastylis speciosa</i>                           | Harper's Heartleaf         | G2          | S2         | UR             |              |
| <i>Hibiscus coccineus</i>                            | Brilliant Hibiscus         | G4?         | S1         |                |              |
| <i>Hottonia inflata</i>                              | Featherfoil                | G4          | S2         |                |              |
| <i>Hydrastis canadensis</i>                          | Golden Seal                | G3G4        | S2         |                |              |
| <i>Hydrophyllum appendiculatum</i>                   | Appendage Waterleaf        | G5          | S2?        |                |              |
| <i>Hypericum dolabriforme</i>                        | Straggling St. John's-wort | G4          | SH         |                |              |

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| <i>Hypericum harperi</i>                      | Sharp-lobe St. John's-wort   | G3G4        | S1         |                |              |
| <i>Hypericum lloydii</i>                      | Lloyd St. John's-wort        | G4?         | S1         |                |              |
| <i>Hypericum microsepalum</i>                 | Flatwoods St. John's Wort    | G4          | S1         |                |              |
| <i>Hypericum nitidum</i>                      | Carolina St. John's-wort     | G4          | S2         |                |              |
| <i>Hypericum nudiflorum</i>                   | Pretty St. John's-wort       | G5          | S2         |                |              |
| <i>Hypericum reductum</i>                     | Atlantic St. John's-wort     | G5          | S2         |                |              |
| <i>Ilex amelanchier</i>                       | Serviceberry Holly           | G4          | S2         |                |              |
| <i>Iva microcephala</i>                       | Small-headed Marsh-elder     | G5          | S1         |                |              |
| <i>Jamesianthus alabamensis</i>               | Jamesianthus                 | G3          | S3         |                |              |
| <i>Jeffersonia diphylla</i>                   | Twinleaf                     | G5          | S2         |                |              |
| <i>Juglans cinerea</i>                        | Butternut                    | G3          | S1         |                |              |
| <i>Kalmia hirsuta</i>                         | Hairy Laurel                 | G5          | S2         |                |              |
| <i>Kosteletzkyia smilacifolia</i>             | Southern Sea-shore Mallow    | G1G3Q       | S1?        |                |              |
| <i>Lathyrus palustris</i>                     | Vetchling Peavine            | G5          | S1         |                |              |
| <i>Lathyrus venosus</i>                       | Smooth Veiny Peavine         | G5          | S1         |                |              |
| <i>Leavenworthia alabamica</i>                | Alabama Glade-cress          | G2          | S2         |                |              |
| <i>Leavenworthia crassa</i>                   | Fleshy-fruit Glade Cress     | G2          | S2         | LE             |              |
| <i>Leavenworthia exigua</i> var. <i>lutea</i> | Pasture Glade-cress          | G4T1        | S1         |                |              |
| <i>Leavenworthia torulosa</i>                 | Necklace Glade Cress         | G4          | SX         |                |              |
| <i>Leavenworthia uniflora</i>                 | Michaux Leavenworthia        | G4          | S2         |                |              |
| <i>Lepuropetalon spathulatum</i>              | Southern Lepuropetalon       | G4G5        | S2         |                |              |
| <i>Lesquerella densipila</i>                  | Duck River Bladderpod        | G3          | S1         |                |              |
| <i>Liatris chapmanii</i>                      | Chapman's Gay-feather        | G5          | S1         |                |              |
| <i>Liatris cylindracea</i>                    | Slender Blazing-star         | G5          | S2         |                |              |
| <i>Liatris oligocephala</i>                   | Cahaba Torch                 | G1          | S1         |                |              |
| <i>Lilaeopsis carolinensis</i>                | Carolina Lilaeopsis          | G3G5        | S1         |                |              |
| <i>Lindera melissifolia</i>                   | Pondberry                    | G3          | S1         | LE             |              |
| <i>Lindera subcoriacea</i>                    | Bog Spicebush                | G3          | S1         | UR             |              |
| <i>Linum macrocarpum</i>                      | Flax                         | G2          | S1         |                |              |
| <i>Linum sulcatum</i> var. <i>harperi</i>     | Harper's Grooved-yellow Flax | G5T2        | S1         |                |              |
| <i>Lobelia boykinii</i>                       | Boykin's Lobelia             | G2G3        | S1         | UR             |              |
| <i>Ludwigia arcuata</i>                       | Pond Seedbox                 | G4G5        | S1         |                |              |
| <i>Ludwigia spathulata</i>                    | Spathulate Seedbox           | G2          | S1S2       | UR             |              |
| <i>Lycium carolinianum</i>                    | Christmas Berry              | G4          | S1S2       |                |              |
| <i>Lygodesmia aphylla</i>                     | Rose Rush                    | G4G5        | S1         |                |              |
| <i>Lysimachia fraseri</i>                     | Fraser's Loosestrife         | G3          | S1         |                |              |
| <i>Lysimachia graminea</i>                    | Grass-leaf Loosestrife       | G1Q         | S1         |                |              |
| <i>Lysimachia lewisii</i>                     | Lewis's Yellow Loosestrife   | G2          | S1         |                |              |
| <i>Macranthera flammea</i>                    | Flame Flower                 | G3          | S2         |                |              |
| <i>Magnolia fraseri</i>                       | Fraser's Magnolia            | G5          | S1         |                |              |
| <i>Malvastrum angustum</i>                    | Yellow False Mallow          | G?          | S1         |                |              |

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|---|---------------------------------|-------------|------------|----------------|--------------|
| <i>Marshallia mohrii</i>                    | Mohr's Barbara's Buttons        | G3          | S3         | LT             |              |
| <i>Matelea alabamensis</i>                  | Alabama Anglepod                | G2          | S1         |                |              |
| <i>Matelea baldwyniana</i>                  | Baldwin's Milkvine              | G3          | S1         |                |              |
| <i>Mikania cordifolia</i>                   | Florida Keys Hempweed           | G5          | S2         |                |              |
| <i>Mirabilis albida</i>                     | Pale Umbrella-wort              | G5          | S2         |                |              |
| <i>Mitella diphylla</i>                     | Miterwort                       | G5          | S1         |                |              |
| <i>Mitreola angustifolia</i>                | Narrow-leaf Miterwort           | G4G5        | S1         |                |              |
| <i>Monarda clinopodia</i>                   | Basil Bee-balm                  | G5          | S2         |                |              |
| <i>Monotropis odorata</i>                   | Sweet Pinesap                   | G3TNR       | S1         |                |              |
| <i>Myriophyllum laxum</i>                   | Loose Water-milfoil             | G3          | S2         |                |              |
| <i>Nestronia umbellula</i>                  | Nestronia                       | G4          | S3         |                |              |
| <i>Neviusia alabamensis</i>                 | Alabama Snow-wreath             | G3          | S2         |                |              |
| <i>Nuphar lutea ssp. ulvacea</i>            | West Florida Cowlily            | G5T2        | S1         | UR             |              |
| <i>Oenothera heterophylla</i>               | Vari-leaf Evening-primrose      | G4          | S2         |                |              |
| <i>Onosmodium decipiens</i>                 | Alabama Marbleseed              | G2          | S2         |                |              |
| <i>Onosmodium molle ssp. molle</i>          | Soft False Gromwell             | G4G5T3      | S2         |                |              |
| <i>Onosmodium molle ssp. subsetosum</i>     | False Gromwell                  | G4G5T4?     | S1         |                |              |
| <i>Orbexilum lupinellum</i>                 | Lupine Scurfpea                 | G3G4        | S1         |                |              |
| <i>Orbexilum simplex</i>                    | Single-stemmed Scurf-pea        | G4G5        | S1         |                |              |
| <i>Orobanche uniflora</i>                   | One-flowered Broomrape          | G5          | S2         |                |              |
| <i>Oxalis grandis</i>                       | Giant Wood-sorrel               | G4G5        | S1         |                |              |
| <i>Pachysandra procumbens</i>               | Allegheny-spurge                | G4G5        | S2S3       |                |              |
| <i>Parnassia asarifolia</i>                 | Kidneyleaf Grass-of-parnassus   | G4          | S2         |                |              |
| <i>Parnassia grandifolia</i>                | Large-leaved Grass-of-parnassus | G3          | S1         |                |              |
| <i>Paronychia argyrocoma</i>                | Silvery Nailwort                | G4          | S1         |                |              |
| <i>Paronychia herniarioides</i>             | Coastal-plain Nailwort          | G2G4        | S1         |                |              |
| <i>Paronychia rugelii</i>                   | Rugel's Nailwort                | G2?         | S1         |                |              |
| <i>Paronychia virginica</i>                 | Yellow Nail-wort                | G4          | S2         |                |              |
| <i>Paysonia lyrata</i>                      | Lyrate Bladderpod               | G1          | S1         | LT             |              |
| <i>Pediomelum subacaule</i>                 | Nashville Breadroot             | G4          | S2         |                |              |
| <i>Penstemon kralii</i>                     | Kral's Beardtongue              | G2          | S1         |                |              |
| <i>Penstemon multiflorus</i>                | Many-flower Beardtongue         | G4          | S1         |                |              |
| <i>Penstemon smallii</i>                    | Small's Beardtongue             | G3          | S1         |                |              |
| <i>Perideridia americana</i>                | Eastern Yampah                  | G4          | S1         |                |              |
| <i>Phacelia dubia var. georgiana</i>        | Outcrop Small-flower Phacelia   | G5T3        | S2         |                |              |
| <i>Phacelia maculata</i>                    | Flatrock Phacelia               | G3G4        | S1         |                |              |
| <i>Phacelia strictiflora var. robbinsii</i> | Prairie Scorpion-weed           | G5T4        | S1         |                |              |
| <i>Phemeranthus calcaricus</i>              | Limestone Fame-flower           | G3          | S2         |                |              |

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|--|------------------------------|-------------|------------|----------------|--------------|
| <i>Phemeranthus parviflorus</i>              | Small-flowered Flame-flower  | G5          | S1         |                |              |
| <i>Phlox pulchra</i>                         | Wherry's Phlox               | G1          | S1         |                |              |
| <i>Phoebanthus tenuifolius</i>               | Pineland False Sunflower     | G3          | SH         |                |              |
| <i>Phyllanthopsis phyllanthoides</i>         | Maidenbush                   | G4          | S2S3       |                |              |
| <i>Physostegia leptophylla</i>               | Slenderleaf False Dragonhead | G4?         | SH         |                |              |
| <i>Pieris phillyreifolia</i>                 | Climbing Fetter-bush         | G3          | S2         |                |              |
| <i>Pilea fontana</i>                         | Springs Clearweed            | G5          | S1         |                |              |
| <i>Pinguicula planifolia</i>                 | Chapman's Butterwort         | G3?         | S1S2       |                |              |
| <i>Pinguicula pumila</i>                     | Small Butterwort             | G4          | S1         |                |              |
| <i>Pityopsis oligantha</i>                   | Coastal-plain Golden-aster   | G2?         | S2         |                |              |
| <i>Pityopsis pinifolia</i>                   | Golden Aster                 | G4          | S1         |                |              |
| <i>Plantago cordata</i>                      | Heart-leaved Plantain        | G4          | S2         |                |              |
| <i>Polanisia tenuifolia</i>                  | Slenderleaf Clammy-weed      | G5          | S1         |                |              |
| <i>Polygala balduinii</i>                    | White Milkwort               | G4          | S1         |                |              |
| <i>Polygala crenata</i>                      | Crenate Milkwort             | G4?         | S1         |                |              |
| <i>Polygala hookeri</i>                      | Hooker Milkwort              | G3          | S1S2       |                |              |
| <i>Polygala senega</i> var. <i>latifolia</i> | Seneca Snakeroot             | G4G5TNR     | S1         |                |              |
| <i>Polygonella americana</i>                 | Southern Jointweed           | G5          | S1         |                |              |
| <i>Polygonella macrophylla</i>               | Large-leaved Jointweed       | G3          | S1         |                |              |
| <i>Polymnia laevigata</i>                    | Tennessee Leafcup            | G3          | S2S3       |                |              |
| <i>Prenanthes barbata</i>                    | Barbed Rattlesnake-root      | G3          | S1S2       |                |              |
| <i>Pterocaulon virgatum</i>                  | Wand Blackroot               | G5          | S1         |                |              |
| <i>Ptilimnium costatum</i>                   | Eastern Bishop-weed          | G4          | S1         |                |              |
| <i>Pycnanthemum curvipes</i>                 | A Mountain-mint              | G3          | S1?        |                |              |
| <i>Pycnanthemum nudum</i>                    | Coastal Plain Mountain Mint  | G5?         | S1         |                |              |
| <i>Pycnanthemum virginianum</i>              | Virginia Mountain Mint       | G5          | S1         |                |              |
| <i>Pyrularia pubera</i>                      | Buffalo-nut                  | G5          | S2         |                |              |
| <i>Quercus arkansana</i>                     | Arkansas Oak                 | G3          | S3         |                |              |
| <i>Quercus boyntonii</i>                     | Boynton's Sand Post Oak      | G1          | S1         |                |              |
| <i>Quercus georgiana</i>                     | Georgia Oak                  | G3          | S2         |                |              |
| <i>Quercus macrocarpa</i>                    | Bur Oak                      | G5          | S2         |                |              |
| <i>Quercus minima</i>                        | Dwarf Live Oak               | G5          | S2         |                |              |
| <i>Quercus oglethorpensis</i>                | Oglethorpe's Oak             | G3          | S1         |                |              |
| <i>Quercus similis</i>                       | Bottomland-post Oak          | G4          | S1         |                |              |
| <i>Ranunculus flabellaris</i>                | Yellow Water-crowfoot        | G5          | S1         |                |              |
| <i>Ranunculus longirostris</i>               | Eastern White Water Crowfoot | G5          | S1         |                |              |
| <i>Rhamnus lanceolata</i>                    | Lance-leaved Buckthorn       | G5          | S2         |                |              |
| <i>Rhexia aristosa</i>                       | Awned Meadowbeauty           | G3G4        | S1         |                |              |
| <i>Rhexia parviflora</i>                     | Small-flowered Meadowbeauty  | G2          | S1         | UR             |              |

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|---|---------------------------------|-------------|------------|----------------|--------------|
| <i>Rhexia salicifolia</i>                             | Panhandle Meadowbeauty          | G2          | S1         | UR             |              |
| <i>Rhododendron austrinum</i>                         | Orange Azalea                   | G3          | S2S3       |                |              |
| <i>Rhododendron colemani</i>                          | Red Hills Azalea                | G3          | S1         |                |              |
| <i>Rhododendron cumberlandense</i>                    | Cumberland Azalea               | G4?         | S2         |                |              |
| <i>Rhododendron minus</i>                             | Carolina Rhododendron           | G4          | S2         |                |              |
| <i>Rhododendron prunifolium</i>                       | Plumleaf Azalea                 | G3          | S2S3       |                |              |
| <i>Rhus typhina</i>                                   | Staghorn Sumac                  | G5          | S1         |                |              |
| <i>Ribes curvatum</i>                                 | Granite Gooseberry              | G4          | S2         |                |              |
| <i>Ribes cynosbati</i>                                | Prickly Gooseberry              | G5          | S1S2       |                |              |
| <i>Rubus allegheniensis</i>                           | Allegheny Blackberry            | G5          | S1         |                |              |
| <i>Rudbeckia auriculata</i>                           | Eared Coneflower                | G2          | S2         | UR             |              |
| <i>Rudbeckia heliopsis</i>                            | Sun-facing Coneflower           | G2          | S2         | UR             |              |
| <i>Rudbeckia mollis</i>                               | Soft-hair Coneflower            | G3G5        | S1         |                |              |
| <i>Rudbeckia nitida</i>                               | Shiny Coneflower                | G3          | S1         |                |              |
| <i>Rudbeckia triloba</i> var. <i>pinnatiflora</i>     | Pinnate-lobed Black-eyed Susan  | G5T3        | S2S3       |                |              |
| <i>Ruellia noctiflora</i>                             | Night-flowering Wild-petunia    | G3?         | S1         |                |              |
| <i>Sabatia brevifolia</i>                             | Short-leaved Pink               | G3G4        | S1         |                |              |
| <i>Sabatia capitata</i>                               | Rose Gentian                    | G2          | S2         |                |              |
| <i>Sabatia grandiflora</i>                            | Large-flowered Pink             | G3G4        | S1?        |                |              |
| <i>Sabatia quadrangula</i>                            | Four-angled Pink                | G4G5        | SH         |                |              |
| <i>Sageretia minutiflora</i>                          | Tiny-leaved Buckthorn           | G4          | S1         |                |              |
| <i>Salix floridana</i>                                | Florida Willow                  | G2          | S1         | UR             |              |
| <i>Sarracenia leucophylla</i>                         | Whitetop Pitcher-plant          | G3          | S3         |                |              |
| <i>Sarracenia oreophila</i>                           | Green Pitcher Plant             | G2          | S2         | LE             |              |
| <i>Sarracenia alabamensis</i> ssp. <i>alabamensis</i> | Alabama Canebrake Pitcher-plant | G3T1T2      | S1S2       | LE             |              |
| <i>Sarracenia alabamensis</i> ssp. <i>wherryi</i>     | Wherry's Sweet Pitcher-plant    | G3T3        | S3         | UR             |              |
| <i>Schisandra glabra</i>                              | Bay Starvine                    | G3          | S2         |                |              |
| <i>Schwalbea americana</i>                            | Chaffseed                       | G2          | S1         | LE             |              |
| <i>Scutellaria alabamensis</i>                        | Alabama Skullcap                | G2          | S2         |                |              |
| <i>Scutellaria glabriuscula</i>                       | Glabrous Skullcap               | G2          | S1         |                |              |
| <i>Sedum nevii</i>                                    | Nevius' Stonecrop               | G3          | S3         |                |              |
| <i>Sideroxylon reclinatum</i>                         | Buckthorn                       | G4G5        | S1?        |                |              |
| <i>Sideroxylon thornei</i>                            | Swamp Buckthorn                 | G3          | S1         | UR             |              |
| <i>Silene caroliniana</i> ssp. <i>wherryi</i>         | Wherry's Catchfly               | G5T2T4Q     | S2         |                |              |
| <i>Silene ovata</i>                                   | Ovate Catchfly                  | G3          | S2         |                |              |
| <i>Silene regia</i>                                   | Royal Catchfly                  | G3          | S2?        |                |              |
| <i>Silene rotundifolia</i>                            | Roundleaf Catchfly              | G4          | S1S2       |                |              |
| <i>Silphium brachiatum</i>                            | Cumberland Rosinweed            | G3          | S2         |                |              |

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| <i>Silphium glutinosum</i>                                      | Sticky Rosinweed             | G2          | S2         |                |              |
| <i>Silphium mohrii</i>  | Mohr's Rosinweed             | G3?Q        | S1         |                |              |
| <i>Silphium perplexum</i>                                       | Old Cahaba Rosinweed         | G1          | S1         |                |              |
| <i>Silphium pinnatifidum</i>                                    | Prairie-dock                 | G3Q         | S2         |                |              |
| <i>Solanum pumilum</i>  | Horse-nettle                 | G5T1        | S1         |                |              |
| <i>Solidago arenicola</i>                                       | Southern Racemose Goldenrod  | G2G3        | S1         | UR             |              |
| <i>Solidago buckleyi</i>  | Buckley's Goldenrod          | G4          | S1         |                |              |
| <i>Solidago porteri</i>   | Porter's Goldenrod           | G1          | S1         |                |              |
| <i>Spigelia alabamensis</i>                                     | Gentian Pinkroot             | G2          | S1         |                |              |
| <i>Spigelia gentianoides</i>                                    | Gentian Pinkroot             | G2          | S1         | LE             |              |
| <i>Spiraea tomentosa</i>  | Hardhack                     | G5          | S1         |                |              |
| <i>Stachys alabamica</i>  | Alabama Hedge-Nettle         | G1          | S1         |                |              |
| <i>Stachys nelsonii</i>   | Nelson's Hedge-Nettle        | G1          | S1         |                |              |
| <i>Stellaria corei</i>  | Chickweed                    | G4          | S1         |                |              |
| <i>Stellaria fontinalis</i>                                     | Water Stitchwort             | G3          | S1         | UR             |              |
| <i>Stewartia malacodendron</i>                                  | Silky Camellia               | G4          | S2S3       |                |              |
| <i>Stewartia ovata</i>  | Mountain Camellia            | G4          | S2S3       |                |              |
| <i>Stillingia aquatica</i>                                      | Water Toothleaf              | G4G5        | S1         |                |              |
| <i>Stylema aquatica</i>   | Water Southern Morning-glory | G4          | S2         |                |              |
| <i>Stylema pickeringii</i> var. <i>pickeringii</i>              | Pickering's Morning-glory    | G4T3        | S1         |                |              |
| <i>Stylophorum diphyllum</i>                                    | Celandine Poppy              | G5          | S1         |                |              |
| <i>Symphyotrichum georgianum</i>                                | Georgia Aster                | G3          | S3         |                |              |
| <i>Symphyotrichum kralii</i>                                    | Pale-violet Aster            | GNR         | SH         |                |              |
| <i>Symphyotrichum oolentangiense</i> var. <i>oolentangiense</i> | Sky Blue Aster               | G5T5        | S1         |                |              |
| <i>Symphyotrichum pratense</i>                                  | Barrens Silky Aster          | G4?         | S1         |                |              |
| <i>Symphyotrichum simmondsii</i>                                | Simmonds' Aster              | G4G5        | S1         |                |              |
| <i>Synandra hispidula</i>                                       | Guyandotte Beauty            | G4          | S1         |                |              |
| <i>Talinum teretifolium</i>                                     | Quill Fame-flower            | G4          | S1         |                |              |
| <i>Tephrosia mohrii</i>   | Pineland Hoary-pea           | G3          | S1?        |                |              |
| <i>Thalictrum debile</i>  | Southern Meadowrue           | G2          | S2         | UR             |              |
| <i>Thalictrum mirabile</i>                                      | Little Mountain Meadowrue    | G4?Q        | S2         |                |              |
| <i>Thelesperma filifolium</i>                                   | Stiff Greenthread            | G4G5        | S1         |                |              |
| <i>Thermopsis mollis</i>  | Soft-haired Thermopsis       | G3G4        | S1         |                |              |
| <i>Triosteum angustifolium</i>                                  | Yellowleaf Tinker's-weed     | G5          | S1         |                |              |
| <i>Utricularia floridana</i>                                    | Florida Bladderwort          | G3G5        | S1S2       |                |              |
| <i>Utricularia inflata</i>                                      | Swollen Bladderwort          | G5          | S1S2       |                |              |
| <i>Utricularia olivacea</i>                                     | Dwarf Bladderwort            | G4          | S1         |                |              |
| <i>Utricularia resupinata</i>                                   | Northeastern Bladderwort     | G4          | S1S2       |                |              |

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| <i>Valeriana pauciflora</i>     | Valerian                      | G4          | S1         |                |              |
| <i>Verbesina walteri</i>        | Carolina Crownbeard           | G4          | S1         |                |              |
| <i>Veronicastrum virginicum</i> | Culver's Root                 | G4          | S1         |                |              |
| <i>Viburnum Ashei</i>           | Ashe's Arrow Wood             | GNR         | S1         |                |              |
| <i>Viburnum bracteatum</i>      | Limerock Arrowwood            | G1G2        | S1         |                |              |
| <i>Viburnum obovatum</i>        | Small-leaf Viburnum           | G5          | S1         |                |              |
| <i>Viburnum rafinesquianum</i>  | Downy Arrowwood               | G5          | S1         |                |              |
| <i>Viola canadensis</i>         | Canada Violet                 | G5          | S2         |                |              |
| <i>Viola egglestonii</i>        | Eggleson's Violet             | G4          | S1         |                |              |
| <i>Vitis mustangensis</i>       | Mustang Grape                 | G4G5        | S1         |                |              |
| <i>Waldsteinia lobata</i>       | Piedmont Barren<br>Strawberry | G3          | S1         | UR             |              |
| <i>Warea sessilifolia</i>       | Sessile-leaved Warea          | G2G4        | S1         |                |              |
| <i>Zanthoxylum americanum</i>   | Northern Prickley Ash         | G5          | S1         |                |              |
| <b>Conifers</b>                 |                               |             |            |                |              |
| <i>Juniperus communis</i>       | Ground Juniper                | G5          | S1         |                |              |
| <i>Pinus clausa</i>             | Sand Pine                     | G4          | S2         |                |              |
| <i>Pinus serotina</i>           | Pond Pine                     | G5          | S1         |                |              |

# EXTINCT SPECIES THAT ONCE OCCURRED IN ALABAMA

## Class Aves – *Birds*

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### ORDER COLUMBIFORMES - Pigeons and Doves

#### Family Columbidae - Doves and Pigeons

*Ectopistes migratorius* passenger pigeon

### ORDER PSITTACIFORMES - Parrots

#### Family Psittacidae - Lorises, Parakeets, Macaws, and Parrots

*Conuropsis carolinensis* Carolina parakeet

## Class Actinopterygii – *Ray-finned Fishes*

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### ORDER CYPRINODONTIFORMES - Topminnows, Livebearers, and Allies

#### Family Fundulidae - Topminnows

*Fundulus albolineatus* whiteline topminnow<sup>7</sup>

### ORDER CYPRINIFORMES - Carps, Minnows, and Suckers

#### Family Catostomidae - Suckers

*Moxostoma lacerum* harelip sucker

## Class Bivalvia – *Bivalves (Clams & Mussels)*

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### ORDER UNIONOIDA - Freshwater Mussels

#### Family Margaritiferidae

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <i>Alasmidonta mccordi</i>          | Coosa elktoe <sup>7</sup>            |
| <i>Elliptio nigella</i>             | winged spike                         |
| <i>Epioblasma arcaeformis</i>       | sugarspoon                           |
| <i>Epioblasma biemarginata</i>      | angled riffleshell                   |
| <i>Epioblasma cincinnatensis</i>    | Gulf riffleshell                     |
| <i>Epioblasma flexuosa</i>          | leafshell                            |
| <i>Epioblasma florentina</i>        | yellow blossom                       |
| <i>Epioblasma haysiana</i>          | acornshell                           |
| <i>Epioblasma lenior</i>            | narrow catspaw                       |
| <i>Epioblasma lewisi</i>            | forkshell                            |
| <i>Epioblasma personata</i>         | round combshell                      |
| <i>Epioblasma propinqua</i>         | Tennessee riffleshell                |
| <i>Epioblasma stewardsonii</i>      | Cumberland leafshell                 |
| <i>Epioblasma torulosa torulosa</i> | tuberclined blossom                  |
| <i>Epioblasma turgidula</i>         | turgid blossom                       |
| <i>Fusconaia apalachicola</i>       | Apalachicola ebonyshell              |
| <i>Lampsilis binominata</i>         | lined pocketbook                     |
| <i>Medionidus mcglameriae</i>       | Tombigbee moccasinshell <sup>7</sup> |
| <i>Obovaria hadgletoni</i>          | Haddleton lampmussel <sup>7</sup>    |
| <i>Pleurobema fibuloides</i>        | Kusha pigtoe                         |
| <i>Pleurobema marshalli</i>         | flat pigtoe                          |
| <i>Pleurobema verum</i>             | true pigtoe <sup>7</sup>             |

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<sup>7</sup> Alabama endemic.

## **Class Gastropoda – *Gastropods (Snails & Slugs)***

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### **ORDER BASOMMATOPHORA**

#### **Family Planorbidae - Rams-horn Snails**

|                                 |  |
|---------------------------------|--|
| <i>Amphigyra alabamensis</i>    | shoal sprite <sup>7</sup>              |
| <i>Neoplanorbis carinatus</i>   | carinate flat-top snail <sup>7</sup>   |
| <i>Neoplanorbis smithi</i>      | angled flat-top snail <sup>7</sup>     |
| <i>Neoplanorbis tantillus</i>   | little flat-top snail <sup>7</sup>     |
| <i>Neoplanorbis umbilicatus</i> | umbilicate flat-top snail <sup>7</sup> |

### **ORDER NEOTAENIOGLOSSA**

#### **Family Hydrobiidae - Pebblesnails**

|                           |                                     |
|---------------------------|-------------------------------------|
| <i>Clappia umbilicata</i> | umbilicate pebblesnail <sup>7</sup> |
| <i>Marstonia olivacea</i> | olive marstonia <sup>7</sup>        |

#### **Family Pleuroceridae - Horn, River, and Rock Snails**

|                             |                                 |
|-----------------------------|---------------------------------|
| <i>Elimia brevis</i>        | short-spire elimia <sup>7</sup> |
| <i>Elimia capillaris</i>    | spindle elimia                  |
| <i>Elimia clausa</i>        | closed elimia <sup>7</sup>      |
| <i>Elimia fusiformis</i>    | fusiform elimia <sup>7</sup>    |
| <i>Elimia gibbera</i>       | shouldered elimia               |
| <i>Elimia hartmaniana</i>   | high-spired elimia <sup>7</sup> |
| <i>Elimia impressa</i>      | constricted elimia <sup>7</sup> |
| <i>Elimia jonesi</i>        | hearty elimia <sup>7</sup>      |
| <i>Elimia laeta</i>         | ribbed elimia <sup>7</sup>      |
| <i>Elimia macglameriana</i> | MacGlamery's Coosa river snail  |
| <i>Elimia pilsbryi</i>      | rough-lined elimia <sup>7</sup> |
| <i>Elimia pupaeformis</i>   | pupa elimia <sup>7</sup>        |
| <i>Elimia pupoidea</i>      | bot elimia <sup>7</sup>         |
| <i>Elimia pygmaea</i>       | pygmy elimia <sup>7</sup>       |
| <i>Gyrotoma excisa</i>      | excised slitshell <sup>7</sup>  |
| <i>Gyrotoma lewisii</i>     | striate slitshell <sup>7</sup>  |
| <i>Gyrotoma pagoda</i>      | pagoda slitshell <sup>7</sup>   |
| <i>Gyrotoma pumila</i>      | ribbed slitshell <sup>7</sup>   |
| <i>Gyrotoma pyramidata</i>  | pyramid slitshell <sup>7</sup>  |
| <i>Gyrotoma walkeri</i>     | round slitshell <sup>7</sup>    |
| <i>Leptoxis clipeata</i>    | agate rocksnail <sup>7</sup>    |
| <i>Leptoxis formosa</i>     | maiden rocksnail                |
| <i>Leptoxis ligata</i>      | rotund rocksнail <sup>7</sup>   |
| <i>Leptoxis lirata</i>      | lirate rocksнail <sup>7</sup>   |
| <i>Leptoxis minor</i>       | knob mudalia <sup>7</sup>       |
| <i>Leptoxis occultata</i>   | bigmouth rocksнail <sup>7</sup> |
| <i>Leptoxis showalterii</i> | Coosa rocksнail <sup>7</sup>    |
| <i>Leptoxis torrefacta</i>  | squat rocksнail <sup>7</sup>    |
| <i>Leptoxis vittata</i>     | striped rocksнail <sup>7</sup>  |

#### **Family Pomatiopsidae - Seep Snails**

|                             |                  |
|-----------------------------|------------------|
| <i>Pomatiopsis hinkleyi</i> | Dixie seep snail |
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<sup>7</sup> Alabama endemic.

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