

# Alabama Inventory List

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



**August 2019**

**Alabama Natural  
Heritage Program®**

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# 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 (by Order, Family, Genus) within the taxonomic groups. The only exception is birds where the order in which the species are presented follows the American Ornithologists' Union's checklist of North American birds. 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 taxon 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 August 2017

## I. Taxa Removed From ALNHP Tracking List

<u>Scientific Name</u>	<u>Reason</u>
Flowering Plants	
<i>Coreopsis gladiata</i>	Too common to be on tracking list
<i>Croomia pauciflora</i>	Too common to be on tracking list
<i>Frasera caroliniensis</i>	Too common to be on tracking list
<i>Graptemys nigrinoda delticola</i>	Merged subspecies and is now too common to be on list
<i>Graptemys nigrinoda nigrinoda</i>	Merged subspecies and is now too common to be on list
<i>Isoetes melanopoda</i>	Too common to be on tracking list
<i>Minuartia godfreyi</i>	Incorrectly identified
<i>Ophioglossum engelmannii</i>	Too common to be on tracking list
<i>Palhinhaea cernua</i>	Too common to be on tracking list
<i>Scutellaria saxatilis</i>	Incorrectly identified
<i>Spiranthes floridana</i>	No record of this species occurring in Alabama.
<i>Symphotrichum drummondii</i> var. <i>texanum</i>	No record of this variety occurring in Alabama.
<i>Thelypteris quadrangularis</i>	Too common to be on tracking list
<i>Vitis rotundifolia</i> var. <i>munsoniana</i>	Too common to be on tracking list
<i>Zephyranthes atamasca</i> var. <i>treatiae</i>	No record of this variety occurring in Alabama.

## II. Taxa Added to ALNHP Tracking List

<u>Scientific Name</u>	<u>Common Name</u>
Birds	
<i>Calidris canutus</i>	Red Knot
Fishes	
<i>Acantharchus pomotis</i>	mud sunfish
<i>Noturus crypticus</i>	chucky madtom
Freshwater Mussels	
<i>Pleurobema beadleianum</i>	Mississippi pigtoe
<i>Strophitus williamsi</i>	flatwoods creekshell
Freshwater Snails	
<i>Fontigens nickliniana</i>	watercress snail
Crayfishes	
<i>Cambarellus rotatus</i>	twisted dwarf crayfish
Flowering Plants	
<i>Ampelaster carolinianus</i>	Carolina aster
<i>Arnica acaulis</i>	Leopardsbane
<i>Callirhoe papaver</i>	woods poppy-mallow

<i>Ceanothus microphyllus</i>	little-leaf buckbrush
<i>Coelorachis tessellate</i>	lattice jointgrass
<i>Erythronium umbilicatum</i> ssp. <i>monostolum</i>	dimpled trout-lily
<i>Geum vernum</i>	spring avens
<i>Hymenocallis choctawensis</i>	panhandle spider lily
<i>Hypericum microsepalum</i>	Flatwoods St. John's-wort
<i>Lygodesmia aphylla</i>	rose rush
<i>Lysimachia lewisii</i>	Lewis's yellow loosestrife
<i>Paronychia argyrocoma</i>	silvery nailwort
<i>Penstemon kralii</i>	Kral's beardtongue
<i>Pterocaulon virgatum</i>	wand blackroot
<i>Pycnanthemum nudum</i>	Coastal Plain mountain mint
<i>Ranunculus longirostris</i>	eastern white water crowfoot
<i>Rhododendron colemanii</i>	Red Hills azalea
<i>Spiraea tomentosa</i>	hardhack
<i>Symphotrichum simmondsii</i>	Simmonds' aster
<i>Viburnum ashei</i>	Ashe's arrowwood

#### Mosses

<i>Fontinalis welchiana</i>	difficult moss
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### III. Taxa with Taxonomic or Nomenclatural Changes

#### Old Name

#### New Name

#### Freshwater Mussels

<i>Anodontoides radiatus</i>	<i>Strophitus radiatus</i>
<i>Fusconaia rotulata</i>	<i>Reginaia rotulata</i>
<i>Obovaria jacksoniana</i>	<i>Obovaria arkansasensis</i>

#### Freshwater Snails

<i>Rhodacme elatior</i> (domed ancyloid)	<i>Rhodacmea cahawbensis</i> (Cahaba ancyloid)
<i>Rhodacme filosa</i>	<i>Rhodacmea filosa</i>
<i>Rhodacme hinkleyi</i>	<i>Rhodacmea hinkleyi</i>

#### Crayfishes

<i>Fallicambarus burrisi</i>	<i>Creaserinus burrisi</i>
<i>Fallicambarus byersi</i>	<i>Creaserinus byersi</i>
<i>Fallicambarus danielae</i>	<i>Creaserinus danielae</i>
<i>Fallicambarus fodiens</i>	<i>Creaserinus fodiens</i>
<i>Fallicambarus oryktes</i>	<i>Creaserinus oryktes</i>

#### Flowering Plants

<i>Amphianthus pusillus</i>	<i>Gratiola pusilla</i>
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*Andropogon gyrans* var. *stenophyllus*  
*Dicerandra linearifolia*  
*Graptemys nigrinoda delticola*  
*Graptemys nigrinoda nigrinoda*  
*Leptopus phyllanthoides*  
*Lesquerella lyrata*  
*Physalis carpenteri*  
*Spigelia gentianoides* var. *alabamensis*  
*Spigelia gentianoides* var. *gentianoides*  
*Thelypteris burksiorum*  
 Creamflower Tick-trefoil

*Andropogon perangustatus*  
*Dicerandra fumella*  
*Graptemys nigrinoda*  
*Graptemys nigrinoda*  
*Phyllanthopsis phyllanthoides*  
*Paysonia lyrata*  
*Calliphysalis carpenteri*  
*Spigelia alabamensis*  
*Spigelia gentianoides*  
*Stegnogramma burksiorum*  
 Cream Tick-trefoil

#### IV. Taxa with Heritage Conservation Status Changes

##### Global Rank Changes

###### Animals

<u>Taxa</u>	<u>Old Rank</u>	<u>New Rank</u>
Reptiles		
<i>Graptemys nigrinoda</i>	G3T2Q	G4
Amphibians		
<i>Necturus alabamensis</i>	G2	G1

###### Plants

<u>Taxa</u>	<u>Old Rank</u>	<u>New Rank</u>
<i>Delphinium alabamicum</i>	G2	G3
<i>Desmodium ochroleucum</i>	G2	G2G3
<i>Helianthus verticillatus</i>	G1Q	G1
<i>Phlox pulchra</i>	G2	G1
<i>Spigelia alabamensis</i>	G1T1	G1
<i>Spigelia gentianoides</i>	G1T1	G1

##### State Rank Changes

###### Animals

<u>Taxa</u>	<u>Old Rank</u>	<u>New Rank</u>
Reptiles		
<i>Graptemys nigrinoda</i>	S2S3	S4
Amphibians		
<i>Necturus alabamensis</i>	S2	S1
Fishes		
<i>Cyprinella callitaenia</i>	S3	S1

<i>Sander sp. cf. vitreus</i>	S3	S1
Freshwater Mussels		
<i>Dromus dromas</i>	S1	SX
<i>Lemiox rimosus</i>	S1	SX
Freshwater Snails		
<i>Elimia boykiniana</i>	SNR	S2
<i>Rhodacmea hinkleyi</i>	S2	SX
Plants		
<i>Actaea rubifolia</i>	SH	S1
<i>Arnoglossum sulcatum</i>	S2S3	S3
<i>Bulbostylis warei</i>	SH	S1
<i>Celastrus scandens</i>	S2	S1
<i>Desmodium ochroleucum</i>	S1S2	S2
<i>Dryopteris celsa</i>	S1	S2
<i>Epidendrum magnoliae</i>	S2	S3
<i>Eurybia eryngiifolia</i>	S2	S1
<i>Galactia floridana</i>	SH	S1
<i>Lilium superbum</i>	S2	S3
<i>Lobelia boykinii</i>	S1S2	S1
<i>Mikania cordifolia</i>	S1	S2
<i>Nestronia umbellula</i>	S2	S3
<i>Oenothera heterophylla</i>	SH	S2
<i>Phlox pulchra</i>	S2	S1
<i>Pityopsis oligantha</i>	S1	S2
<i>Quercus arkansana</i>	S2	S3
<i>Stylisma aquatica</i>	S1	S2
<i>Tephrosia mohrii</i>	S1S2	S1?

#### IV. Taxa with Federal Status Changes

<u>Taxa</u>	<u>Old Status</u>	<u>New Status</u>	<u>Reason</u>
Mammals			
<i>Perimyotis subflavus</i>	PET	UR	USFWS issued a 90-day finding on 27 December 2017 that listing may be warranted and initiated a status review to determine if listing is warranted.
Amphibians			
<i>Necturus alabamensis</i>	C	LE	USFWS designated as endangered effective 2 February 2018.
Turtles			

<u>Taxa</u>	<u>Old Status</u>	<u>New Status</u>	<u>Reason</u>
<i>Graptemys barbouri</i>	UR		USFWS determined that listing is not warranted (5 October 2017).
<b>Fishes</b>			
<i>Etheostoma brevirostrum</i>	UR		USFWS determined that listing is not warranted (4 October 2017).
<i>Etheostoma trisella</i>	UR	LT	USFWS listing as threatened on 28 December 2018.
<b>Freshwater Snails</b>			
<i>Leptoxis compacta</i>	PET	UR	USFWS issued a 90-day finding on 27 December 2017 that listing may be warranted and initiated a status review to determine if listing is warranted.

## VI. Taxa with Counties of Occurrence Added

<u>Taxa</u>	<u>Counties Added</u>
<b>Mammals</b>	
<i>Spilogale putorius</i>	Baldwin, Butler, Clay, Chambers, Cleburne, Coosa, Covington, Crenshaw, Dale, DeKalb, Fayette, Jefferson, Lauderdale, Lawrence, Macon, Tallapoosa, Winston
<b>Amphibians</b>	
<i>Amphiuma means</i>	Washington
<i>Cryptobranchus alleganiensis</i>	Jackson
<b>Fishes</b>	
<i>Sander</i> sp. cf. <i>vitreus</i>	Clay, Coosa
<b>Flowering Plants</b>	
<i>Agalinis heterophylla</i>	Bullock, Elmore, Montgomery
<i>Agastache nepetoides</i>	Madison
<i>Agrimonia incisa</i>	Bullock, Covington, Geneva, Pike
<i>Arnoglossum sulcatum</i>	Conecuh, Dale, Monroe, Pike
<i>Canna flaccida</i>	Geneva, Houston
<i>Carex acidicola</i>	Bibb, Lee
<i>Coreopsis nudata</i>	Baldwin
<i>Crataegus ashei</i>	Montgomery
<i>Crataegus triflora</i>	Montgomery
<i>Cypripedium candidum</i>	Lowndes
<i>Desmodium ochroleucum</i>	Madison
<i>Dicerandra fumella</i>	Barbour Butler, Conecuh, Crenshaw, Dale, Escambia, Geneva
<i>Dryopteris celsa</i>	Cherokee, Crenshaw, Jefferson, Lawrence, Limestone, Marion Montgomery, Walker

<u>Taxa</u>	<u>Counties Added</u>
<i>Dyschoriste oblongifolia</i>	Houston
<i>Enemion biternatum</i>	Conecuh
<i>Epidendrum magnoliae</i>	Barbour, Butler, Coffee, Geneva, Henry
<i>Hedeoma drummondii</i>	Lowndes
<i>Hypericum nudiflorum</i>	Butler, Crenshaw, Wilcox
<i>Isoetes appalachiana</i>	Butler, Conecuh, Tallapoosa
<i>Kalmia hirsuta</i>	Houston
<i>Lilium iridollae</i>	Geneva
<i>Lilium michiganense</i>	Colbert, Dekalb, Franklin, Lawrence, Lowndes, Madison, Pickens
<i>Lilium superbum</i>	Baldwin, Bullock, Chilton, Choctaw, Crenshaw, Escambia, Macon, Marengo, Randolph, Russell, Shelby, Sumter, Tallapoosa
<i>Macranthera flammea</i>	Crenshaw
<i>Mikania cordifolia</i>	Clarke, Houston, Mobile
<i>Nestronia umbellula</i>	Pike
<i>Oenothera heterophylls</i>	Dallas, Greene
<i>Orobanche uniflora</i>	Bullock
<i>Pachysandra procumbens</i>	Bullock, Lowndes
<i>Penstemon multiflorus</i>	Covington, Escambia
<i>Pieris phillyreifolia</i>	Houston
<i>Pinus serotina</i>	Pike
<i>Platanthera nivea</i>	Conecuh
<i>Rhamnus lanceolata</i>	Butler
<i>Rhododendron austrinum</i>	Baldwin, Butler, Conecuh, Crenshaw, Dale, Escambia, Mobile, Monroe
<i>Rudbeckia mollis</i>	Houston
<i>Schoenolirion croceum</i>	Madison
<i>Selaginella arenicola</i> ssp. <i>riddellii</i>	Geneva, Wilcox
<i>Stylisma aquatica</i>	Geneva
<i>Symphyotrichum pratense</i>	Russell
<i>Symphyotrichum sericeum</i>	Colbert
<i>Thelypteris ovata</i>	Conecuh, Houston, Washington
<i>Utricularia floridana</i>	Houston
<i>Veratrum woodii</i>	Dale
<i>Viola canadensis</i>	Butler, Lowndes
<i>Warea sessilifolia</i>	Coffee, Dale, Henry, Mobile
<i>Zanthoxylum americanum</i>	Montgomery

## VII. Taxa with Counties of Occurrence Deleted

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Taxa

Counties Deleted

Flowering Plants

*Astragalus canadensis*

Geneva

*Isoetes appalachiana*

Covington

*Pachysandra procumbens*

Butler

*Rhexia aristosa*

Choctaw

*Rudbeckia mollis*

Bibb, Tuscaloosa

# 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# Intraspecific 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 of 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	SWAP Status
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## Vertebrates

### CLASS AVES – Birds

#### ORDER CICONIIFORMES - Storks

##### Family Ciconiidae - Storks

<i>Mycteria americana</i>	Wood Stork	G4	S2N	LT <sup>1</sup>	SP	P2
Counties of occurrence: Autauga, Baldwin, Barbour, Bibb, Bullock, Butler, Chilton, Choctaw, Clarke, Coffee, Colbert, Conecuh, Covington, Crenshaw, Dallas, Elmore, Escambia, Geneva, Greene, Hale, Houston, Lee, Lowndes, Macon, Madison, Marengo, Mobile, Monroe, Montgomery, Perry, Russell, Shelby, Sumter, Tuscaloosa, Washington, Wilcox						

#### ORDER PELICANIFORMES - Pelicans, Herons, Ibises, and Allies

##### Family Ardeidae - Herons and Bitterns

<i>Botaurus lentiginosus</i>	American Bittern	G4	S3N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Ixobrychus exilis</i>	Least Bittern	G5	S2N,S4B		SP	P2
Counties of occurrence: Autauga, Baldwin, Barbour, Butler, Clarke, Dallas, Elmore, Houston, Jackson, Lamar, Lawrence, Lowndes, Macon, Mobile, Pike, Washington						
<i>Egretta rufescens</i>	Reddish Egret	G4	S1B,S3N		SP	P2
Counties of occurrence: Baldwin, Mobile						

##### Family Threskiornithidae - Ibises and Spoonbills

<i>Eudocimus albus</i>	White Ibis	G5	S2B,S3N		SP	
Counties of occurrence – breeding: Baldwin, Clarke, Covington, Geneva, Houston, Mobile						
Counties of occurrence – foraging or transient: Barbour, Butler, Chilton, Cleburne, Coffee, Conecuh, Crenshaw, Dale, Escambia, Henry, Lowndes, Marshall, Monroe, Montgomery, Russell, Shelby, Sumter, Wilcox, Washington						
<i>Plegadis falcinellus</i>	Glossy Ibis	G5	S1B,S3N		SP	
Counties of occurrence: Mobile						

#### ORDER ANSERIFORMES - Screamers, Swans, Geese, and Ducks

##### Family Anatidae Swans, Geese, and Ducks

<i>Anas fulvigula</i>	Mottled Duck	G4	S2N,S3B		SP	P2
Counties of occurrence: Baldwin, Mobile						
<i>Anas rubripes</i>	American Black Duck	G5	S2B,S5N		SP	P2
Counties of occurrence: Limestone, Marshall, Morgan						

#### ORDER ACCIPITRIFORMES - Hawks, Kites, Eagles, and Allies

##### Family Accipitridae - Kites, Eagles, and Hawks

<i>Elanoides forficatus</i>	Swallow-tailed Kite	G5	S2		SP	P2
Counties of occurrence: Autauga, Baldwin, Butler, Choctaw, Clarke, Conecuh, Covington, Dallas, Escambia, Geneva, Hale, Marengo, Mobile, Monroe, Sumter, Washington, Wilcox						
<i>Circus cyaneus</i>	Northern Harrier	G5	S3N		SP	
Counties of occurrence: Autauga, Baldwin, Calhoun, Cherokee, Greene, Hale, Jefferson, Lee, Lowndes, Macon, Mobile, Wilcox						

<sup>1</sup> *Mycteria americana*, Listed by USFWS as Endangered in Alabama, Florida, Georgia, Mississippi, North Carolina, and South Carolina; not listed elsewhere.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**ORDER FALCONIFORMES - Caracaras and Falcons**

**Family Falconidae - Falcons**

<i>Falco sparverius</i>	American Kestrel	G5	S3B,S5N		SP	P2 <sup>2</sup>
Counties of occurrence:		Bibb, Blount, Butler, Cherokee, Chilton, Choctaw, Clarke, Clay, Colbert, Coosa, Covington, Cullman, DeKalb, Etowah, Franklin, Hale, Houston, Jackson, Jefferson, Lauderdale, Lawrence, Lee, Limestone, Madison, Marengo, Marion, Marshall, Monroe, Montgomery, Morgan, Shelby, St. Clair, Tuscaloosa, Walker, Washington, Wilcox, Winston				
<i>Falco peregrinus</i>	Peregrine Falcon	G4	SHB,S3N		SP	
Counties of occurrence: <sup>3</sup>		Colbert, Lauderdale, Lawrence, Limestone, Madison, Marshall				

**ORDER GALLIFORMES - Gallinaceous Birds**

**Family Phasianidae - Grouse and Turkeys**

<i>Bonasa umbellus</i>	Ruffed Grouse	G5	S1		GBNOS	
Counties of occurrence:		Jackson				

**ORDER GRUIFORMES - Cranes, Rails, and Allies**

**Family Rallidae - Rails**

<i>Coturnicops noveboracensis</i>	Yellow Rail	G4	S2N		GB	P2
Counties of occurrence:		Baldwin, Mobile				
<i>Laterallus jamaicensis</i>	Black Rail	G4	S2N	SC	GB	P2
Counties of occurrence:		Baldwin, Mobile				
<i>Rallus longirostris</i>	Clapper Rail	G5	S2	SC	GB	
Counties of occurrence:		Baldwin, Mobile				
<i>Rallus elegans</i>	King Rail	G3G4	S2S3B, S4N	SC	GB	P2
Counties of occurrence:		Baldwin, Barbour, Bullock, Crenshaw, Cullman, Lamar, Lauderdale, Lowndes, Macon, Marshall, Mobile, Montgomery, Morgan, Perry, Tuscaloosa, Wilcox				
<i>Porphyrio martinicus</i>	Purple Gallinule	G5	S2B		GB	
Counties of occurrence:		Baldwin, Barbour, Choctaw, Clarke, Coffee, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Mobile, Washington				

**Family Gruidae - Cranes**

<i>Grus americana</i>	Whooping Crane	G1	S1N	LT,XN	SP	
Counties of occurrence:		Limestone, Madison, Morgan				
<i>Grus canadensis pulla</i>	Mississippi Sandhill Crane	G5T1	SH	LE	SP	
Counties of occurrence:		Baldwin <sup>4</sup>				

**ORDER CHARADRIIFORMES - Shorebirds, Gulls, Auks, and Allies**

**Family Charadriidae - Plovers and Lapwings**

<i>Charadrius melodus</i>	Piping Plover	G3	S1N	LT <sup>5</sup>	SP	P1
Counties of occurrence:		Baldwin, Mobile				
<i>Charadrius nivosus</i>	Snowy Plover	G3	S1B,S2N		SP	P1
Counties of occurrence:		Baldwin, Mobile				
<i>Charadrius wilsonia</i>	Wilson's Plover	G5	S1		SP	P1
Counties of occurrence:		Baldwin, Mobile				

<sup>2</sup> The southern form, *Falco sparverius paulus*, is included on the species of greatest conservation need list but the northern form, *F. sparverius sparverius*, is not. The northern form is considered to be a species of moderate conservation concern (Priority 3).

<sup>3</sup> Species may occur in any county if suitable habitat exists.

<sup>4</sup> Historic occurrence.

<sup>5</sup> *Charadrius melodus*, LE, LT; Listed by USFWS as Endangered in Great Lakes watersheds of Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin; Listed as Threatened elsewhere, including Alabama.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Haematopodidae - Oystercatchers</b>						
<i>Haematopus palliatus</i>	American Oystercatcher	G5	S1		SP	P1
Counties of occurrence: Mobile						
<b>Family Scolopacidae - Snipe, Woodcock, and Sandpipers</b>						
<i>Tringa semipalmata</i>	Willet	G5	S2B,S5N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Numenius americanus</i>	Long-Billed Curlew	G5	S2N		SP	
Counties of occurrence: Mobile						
<i>Calidris canutus</i>	Red Knot	G4	S2N	LT <sup>6</sup>	SP	P2
Counties of occurrence: Baldwin, Mobile						
<i>Scolopax minor</i>	American Woodcock	G5	S3B,S5N		GB	
Counties of occurrence: Baldwin, Barbour, Blount, Butler, Chambers, Cherokee, Cleburne, Colbert, Conecuh, Covington, Crenshaw, Cullman, DeKalb, Escambia, Etowah, Franklin, Geneva, Jackson, Jefferson, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marion, Mobile, Montgomery, Morgan, Perry, Shelby, St. Clair, Tallapoosa, Wilcox, Winston						
<b>Family Laridae - Jagers, Skuas, Gulls, and Terns</b>						
<i>Sternula antillarum</i>	Least Tern	G4	S2B,S4N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Gelochelidon nilotica</i>	Gull-Billed Tern	G5	S2B,S4N		SP	P2
Counties of occurrence: Baldwin, Mobile						
<i>Hydroprogne caspia</i>	Caspian Tern	G5	S2B,S4N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Sterna hirundo</i>	Common Tern	G5	S1B,S4N		SP	
Counties of occurrence: Mobile						
<i>Sterna forsteri</i>	Forster's Tern	G5	S1B,S5N		SP	
Counties of occurrence: Mobile						
<i>Thalasseus maximus</i>	Royal Tern	G5	S2B,S5N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Thalasseus sandvicensis</i>	Sandwich Tern	G5	S1B,S5N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Rynchops niger</i>	Black Skimmer	G5	S2B,S4N		SP	
Counties of occurrence: Baldwin, Mobile						
<b>ORDER COLUMBIFORMES - Pigeons and Doves</b>						
<b>Family Columbidae - Doves and Pigeons</b>						
<i>Zenaisa asiatica</i>	White-winged Dove	G5	S2B,S3N		GB	
Counties of occurrence: Baldwin, Mobile						
<i>Columbina passerine</i>	Common Ground-dove	G5	S3		SP	
Counties of occurrence: Autauga, Baldwin, Barbour, Bullock, Butler, Chambers, Chilton, Choctaw, Clarke, Clay, Cleburne, Coffee, Conecuh, Coosa, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Henry, Houston, Lee, Lowndes, Macon, Marengo, Mobile, Monroe, Montgomery, Perry, Pike, Randolph, Russell, Shelby, Sumter, Talladega, Tallapoosa, Washington, Wilcox						
<b>ORDER CUCULIFORMES - Cuckoos and Allies</b>						
<b>Family Cuculidae - Cuckoos, Roadrunners, and Anis</b>						
<i>Coccyzus erythrophthalmus</i>	Black-billed Cuckoo	G5	S1B		SP	
Counties of occurrence: Cullman, Jackson, Marshall, Morgan						

<sup>6</sup> Subspecies *Canidis canutus rufa* listed as threatened.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Crotophaga sulcirostris</i> Counties of occurrence: Mobile	Groove-billed Ani	G5	S2N		SP	
<b>ORDER STRIGIFORMES - Owls</b>						
<b>Family Strigidae - Typical Owls</b>						
<i>Athene cunicularia</i> Counties of occurrence: Mobile	Burrowing Owl	G4	S2N		SP	
<i>Asio flammeus</i> Counties of occurrence: Autauga, Baldwin, Bibb, Dallas, Etowah, Henry, Jefferson, Lauderdale, Limestone, Marshall, Mobile, Montgomery	Short-Eared Owl	G5	S2N		SP	P2
<b>ORDER PICIFORMES - Puffbirds, Jacamars, Toucans, Woodpeckers, and Allies</b>						
<b>Family Picidae - Woodpeckers and Allies</b>						
<i>Picoides borealis</i> Counties of occurrence <sup>3</sup> : Baldwin <sup>4</sup> , Barbour, Bibb, Bullock, Butler, Calhoun, Chilton, Clay, Cleburne, Colbert <sup>4</sup> , Conecuh, Coosa, Covington, Dallas, Escambia, Hale, Jefferson <sup>4</sup> , Lawrence <sup>4</sup> , Macon, Marengo <sup>4</sup> , Marshall <sup>4</sup> , Perry, St. Clair <sup>4</sup> , Talladega, Tallapoosa, Tuscaloosa, Washington <sup>4</sup> , Winston <sup>4</sup>	Red-cockaded Woodpecker	G3	S2	LE	SP	P1
<i>Campephilus principalis</i> Counties of occurrence <sup>4</sup> : Dallas, Hale, Lamar, Marengo, Pike, Wilcox	Ivory-Billed Woodpecker	GH	SX	LE	SP	EX
<b>ORDER PASSERIFORMES - Passerine Birds</b>						
<b>Family Tyrannidae - Tyrant Flycatchers</b>						
<i>Empidonax traillii</i> Counties of occurrence: Cherokee, Lawrence, Limestone	Willow Flycatcher	G5	S1B	SC	SP	
<i>Tyrannus dominicensis</i> Counties of occurrence: Baldwin, Mobile	Gray Kingbird	G5	S1B		SP	
<i>Tyrannus forficatus</i> Counties of occurrence: Autauga, Baldwin, Blount, Colbert, Cullman, Dallas, Franklin, Hale, Jackson, Jefferson, Lauderdale, Lowndes, Madison, Marengo, Mobile, Morgan, Perry, Pike, Shelby, Sumter, Talladega, Wilcox	Scissor-tailed Flycatcher	G5	S2		SP	
<b>Family Vireonidae - Vireos</b>						
<i>Vireo solitarius</i> Counties of occurrence: Blount, Calhoun, Cherokee, Clay, Cleburne, Cullman, DeKalb, Etowah, Jackson, Lawrence, Marshall, Morgan, Randolph, St. Clair, Talladega, Tallapoosa, Winston	Blue-Headed Vireo	G5	S3B,S4N		SP	
<i>Vireo gilvus</i> Counties of occurrence: Colbert, Crenshaw, Jackson, Lauderdale	Warbling Vireo	G5	S1B		SP	
<b>Family Corvidae - Crows and Jays</b>						
<i>Corvus corax</i> Counties of occurrence <sup>4</sup> : Cullman, DeKalb, Jackson, Walker, Winston	Common Raven	G5	SX		SP	EX
<b>Family Troglodytidae - Wrens</b>						
<i>Thryomanes bewickii</i> Counties of occurrence: Autauga <sup>4</sup> , Butler, Clay <sup>4</sup> , Colbert <sup>4</sup> , Coosa <sup>4</sup> , Cullman <sup>4</sup> , DeKalb <sup>4</sup> , Elmore <sup>4</sup> , Etowah <sup>4</sup> , Franklin <sup>4</sup> , Jackson <sup>4</sup> , Jefferson, Lauderdale, Lawrence <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall <sup>4</sup> , Mobile, Morgan <sup>4</sup> , Randolph <sup>4</sup> , Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Sumter <sup>4</sup> , Talladega <sup>4</sup> , Tuscaloosa <sup>4</sup> , Walker <sup>4</sup>	Bewick's Wren	G5	SHB, S1N		SP	P1
<i>Cistothorus palustris</i> Counties of occurrence: Baldwin, Mobile	Marsh Wren	G5	S2B, S4N		SP	

<sup>3</sup> Species may occur in any county if suitable habitat exists.

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**Family Parulidae - Wood-warblers**

<i>Vermivora bachmani</i>	Bachman's Warbler	GH	SX	LE	SP	
Counties of occurrence <sup>4</sup> : Autatuga, Baldwin, Clarke, Coosa, Cullman, Mobile, Tuscaloosa, Washington						
<i>Setophaga petechia</i>	Yellow Warbler	G5	S2B		SP	
Counties of occurrence: Autatuga, Cherokee, Colbert, DeKalb, Fayette, Franklin, Jackson, Jefferson, Lamar, Lauderdale, Lee, Limestone, Madison, Marshall, Montgomery, Morgan, Walker						
<i>Setophaga cerulea</i>	Cerulean Warbler	G4	S1B		SP	P1
Counties of occurrence: Colbert, Cullman <sup>4</sup> , DeKalb <sup>4</sup> , Fayette, Franklin, Jackson, Jefferson <sup>4</sup> , Lauderdale <sup>4</sup> , Lawrence, Limestone <sup>4</sup> , Madison <sup>4</sup> , Marshall <sup>4</sup> , Morgan <sup>4</sup> , Tuscaloosa <sup>4</sup> , Winston						

**Family Emberizidae - Emberizids**

<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3		SP	P2
Counties of occurrence: Baldwin, Barbour, Bibb, Bullock, Butler, Calhoun, Chambers, Clarke, Cleburne, Conecuh, Coosa, Covington, Dallas, DeKalb, Escambia, Fayette, Franklin, Greene, Henry, Houston, Jackson <sup>4</sup> , Limestone, Lowndes, Macon, Madison, Marion, Mobile, Monroe, MontgomeryMorgan, Pike, Russell, Tuscaloosa, Washington, Wilcox, Winston						
<i>Chondestes grammacus</i>	Lark Sparrow	G5	S3B		SP	
Counties of occurrence: Autauga, Chilton, Colbert, Dallas, Elmore, Franklin, Greene, Hale, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marion, Morgan, Perry, Pickens, Shelby, Sumter						
<i>Ammodramus henslowii</i>	Henslow's Sparrow	G4	S2N		SP	P1
Counties of occurrence: Baldwin, Covington, Escambia, Mobile						
<i>Ammodramus leconteii</i>	Le Conte's Sparrow	G4	S3N		SP	
Counties of occurrence: Baldwin, Mobile						
<i>Ammodramus nelsoni</i>	Nelson's Sparrow	G5	S3N		SP	P2
Counties of occurrence: Baldwin, Mobile						
<i>Ammodramus maritimus</i>	Seaside Sparrow	G4	S2		SP	P2
Counties of occurrence: Baldwin, Mobile						

**Family Cardinalidae - Cardinals and Allies**

<i>Passerina ciris</i>	Painted Bunting	G5	S2B		SP	
Counties of occurrence: Baldwin, Barbour, Butler, Covington, Crenshaw, Dallas, Greene, Hale, Lamar, Marengo, Mobile, Monroe, Montgomery, Pike, Sumter, Washington, Wilcox						

**Family Fringillidae - Fringilline and Cardueline Finches and Allies**

<i>Loxia curvirostra</i>	Red Crossbill	G5	S1B		SP	
Counties of occurrence: Cleburne						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## CLASS MAMMALIA – *Mammals*

### ORDER SIRENIA - Sirenians

#### Family Trichechidae - Manatees

<i>Trichechus manatus</i>	West Indian manatee	G2	S1	LT	SP	P1
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Counties of occurrence: Baldwin, Mobile

### ORDER RODENTIA - Rodents

#### Family Geomyidae - Pocket Gophers

<i>Geomys pinetis</i>	southeastern pocket gopher	G5	S3		SP	P2
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Counties of occurrence: Autauga, Baldwin, Barbour, Bullock, Clarke<sup>3</sup>, Coffee, Conecuh<sup>3</sup>, Covington, Crenshaw, Dale, Dallas<sup>3</sup>, Escambia, Geneva, Henry<sup>3</sup>, Houston, Macon, Monroe<sup>3</sup>, Montgomery, Russell, Tuscaloosa<sup>3</sup>

#### Family Dipodidae - Birch Mice, Jerboas, and Jumping Mice

<i>Zapus hudsonius</i>	meadow jumping mouse	G5	S1		SP	P2
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Counties of occurrence<sup>7</sup>: Chambers, Chilton, Lee

#### Family Cricetidae - New World Rats and Mice, Voles, Hamsters, and Relatives

<i>Microtus ochrogaster</i>	prairie vole	G5	S2			
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Counties of occurrence: Limestone, Madison

<i>Neotoma magister</i>	Allegheny woodrat	G3G4	S3			P2
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Counties of occurrence: Colbert, Lauderdale, Limestone, Jackson, Madison, Marshall

<i>Peromyscus polionotus ammobates</i>	Alabama beach mouse <sup>8</sup>	G5T1	S1	LE	SP	P1
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Counties of occurrence: Baldwin

<i>Peromyscus polionotus trissyllepsis</i>	Perdido key beach mouse	G5T1	S1	LE	SP	P1
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Counties of occurrence: Baldwin

### ORDER LAGOMORPHA - Rabbits, Hares, and Picas

#### Family Leporidae - Rabbits and Hares

<i>Sylvilagus obscurus</i>	Appalachian cottontail	G4	S1		GA	P2
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Counties of occurrence: Clay, Cullman, Lawrence, Winston

<i>Sylvilagus palustris</i>	marsh rabbit	G5	S3		GA	P2
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Counties of occurrence: Baldwin, Escambia<sup>9</sup>, Coffee<sup>8</sup>, Covington<sup>8</sup>, Dale<sup>8</sup>, Geneva<sup>8</sup>, Henry<sup>8</sup>, Houston<sup>8</sup>

### ORDER SORICOMORPHA - Shrews, Moles, and Solenodons

#### Family Soricidae - Shrews

<i>Sorex fumeus</i>	smoky shrew	G5	S1		SP	P2
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Counties of occurrence: Jackson

<i>Sorex hoyi</i>	American pygmy shrew	G5	S1		SP	P2
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Counties of occurrence: Jackson

### ORDER CHIROPTERA - Bats

#### Family Molossidae - Free-tailed Bats

<i>Tadarida brasiliensis</i>	Brazilian free-tailed bat	G5	S3			P2
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Counties of occurrence: Bullock, Lee

#### Family Vespertilionidae - Vespertilionid Bats

<i>Lasiurus intermedius</i>	northern yellow bat	G4G5	S1		SP	P2
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Counties of occurrence: Mobile

<sup>7</sup> Historic occurrence, no reported collections from Alabama since the mid- to late 1970s.

<sup>8</sup> Alabama endemic.

<sup>9</sup> Historic occurrence, no recent information although it still likely occurs in the county.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Perimyotis subflavus</i> Counties of occurrence: virtually statewide	tri-colored bat	G3	S3	UR		P2
<i>Corynorhinus rafinesquii</i> Counties of occurrence: Blount, Clarke, Jackson, Marshall	Rafinesque's big-eared bat	G3G4	S2		SP	P1
<i>Myotis austroriparius</i> Counties of occurrence: Conecuh, Covington, Monroe	southeastern myotis	G3G4	S2		SP	P1
<i>Myotis grisescens</i> Counties of occurrence: Bibb <sup>10</sup> , Blount <sup>9</sup> , Calhoun <sup>9</sup> , Cherokee <sup>9</sup> , Chilton <sup>9</sup> , Clay <sup>9</sup> , Cleburne <sup>9</sup> , Colbert, Conecuh, Coosa <sup>9</sup> , Cullman <sup>9</sup> , DeKalb, Escambia <sup>9</sup> , Etowah <sup>9</sup> , Franklin, Hale <sup>9</sup> , Jackson, Jefferson <sup>9</sup> , Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan, Shelby, St. Clair <sup>9</sup> , Talladega <sup>9</sup> , Tuscaloosa <sup>9</sup>	gray myotis	G3	S2	LE	SP	P1
<i>Myotis leibii</i>	eastern small-footed myotis	G1G3	SNA <sup>11</sup>			P1
<i>Myotis lucifugus</i> Counties of occurrence: Conecuh, Madison	little brown myotis	G3	S3		SP	P1
<i>Myotis septentrionalis</i> Counties of occurrence: Franklin, Lawrence	northern myotis	G2G3	S2	LT	SP	P1
<i>Myotis sodalis</i> Counties of occurrence: Bibb <sup>9</sup> , Blount <sup>4</sup> , Calhoun <sup>9</sup> , Cherokee <sup>9</sup> , Chilton <sup>9</sup> , Clay, Cleburne <sup>9</sup> , Colbert <sup>9</sup> , Coosa <sup>9</sup> , Cullman <sup>9</sup> , DeKalb <sup>9</sup> , Etowah <sup>9</sup> , Franklin <sup>9</sup> , Hale <sup>9</sup> , Jackson, Jefferson <sup>9</sup> , Lauderdale <sup>9</sup> , Lawrence, Limestone <sup>9</sup> , Madison <sup>9</sup> , Marshall, Morgan, Shelby, St. Clair <sup>9</sup> , Talladega <sup>9</sup> , Tuscaloosa <sup>9</sup>	Indiana bat	G2	S2	LE	SP	P1

## ORDER CARNIVORA - Carnivores

### Family Felidae - Cats

*Puma concolor* cougar G5 SX LE<sup>12</sup> GANOS EX

### Family Canidae - Wolves, Dogs, Foxes, and Jackals

*Canis rufus* red wolf G1Q SX LE<sup>13</sup> GANOS EX

### Family Ursidae - Bears

*Ursus americanus* black bear G5 S2 SP<sup>14</sup> P1  
Counties of occurrence: Baldwin, Barbour<sup>15</sup>, Bibb<sup>14</sup>, Butler<sup>14</sup>, Chambers<sup>14</sup>, Cherokee, Chilton<sup>14</sup>, Choctaw<sup>14</sup>, Clark, Cleburne<sup>14</sup>, Coffe<sup>14</sup>, Conecuh, Coosa<sup>14</sup>, Covington<sup>14</sup>, Cullman<sup>14</sup>, Dale<sup>14</sup>, Dallas<sup>14</sup>, DeKalb, Elmore<sup>14</sup>, Escambia<sup>14</sup>, Etowah, Fayette<sup>14</sup>, Geneva<sup>14</sup>, Jefferson<sup>14</sup>, Lee<sup>14</sup>, Limestone<sup>14</sup>, Lowndes<sup>14</sup>, Macon<sup>14</sup>, Madison<sup>14</sup>, Marengo<sup>14</sup>, Marion<sup>14</sup>, Marshall<sup>14</sup>, Mobile, Monroe, Montgomery<sup>14</sup>, Randolph<sup>14</sup>, St. Clair<sup>14</sup>, Talladega<sup>14</sup>, Tallapoosa<sup>14</sup>, Tuscaloosa<sup>14</sup>, Walker<sup>14</sup>, Washington

<sup>4</sup> Historic occurrence.

<sup>10</sup> No occurrence record in ALNHP database but the US Fish & Wildlife Service lists this species as occurring or believed to occur in the county (<http://www.fws.gov/daphne/es/specieslst.html>).

<sup>11</sup> The species is known from adjacent areas of Tennessee and Georgia so it probably occurs in northeastern Alabama. Distribution maps often depict it occurring in Alabama, but no specimens are known from the state.

<sup>12</sup> Both subspecies that occurred in the eastern United states (*Puma concolor cougar*, presumed extinct in wild, and *P. concolor coryi*) are listed as endangered.

<sup>13</sup> *Canis rufus*, LE - listed endangered range wide, except where listed as experimental populations; presumed extinct in wild except experimental populations in North Carolina and Tennessee.

<sup>14</sup> *Ursus americanus* is not included in the list of protected species in Nongame Species Regulation 220-2-.92, but is protected under Alabama Game, Fish and Wildlife Laws, Section 9-11-480-481 which makes it illegal to hunt, wound, injure, kill, trap, collect, or capture a black bear, or to attempt to engage in that conduct during the closed season for black bear. It is designated a game animal by Regulation 220-2-.06 of the Alabama Regulations on Game, Fish, and Fur Bearing Animals, but there is no open season for the species.

<sup>15</sup> Black bear sightings have been reported from the county, but there likely is not an established, self-sustaining population in the county.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**Family Mustelidae - Weasels, Badgers, and Otters**

*Mustela frenata* long-tailed weasel G5 S3 SP P2  
 Counties of occurrence<sup>16</sup>: Baldwin, Bibb, Butler, Clarke, Geneva, Greene, Jackson, Walker

**Family Mephitidae - Skunks**

*Spilogale putorius* eastern spotted skunk G4 S2S3 SP P2  
 Counties of occurrence<sup>16</sup>: Baldwin, Butler, Chambers, Clarke, Clay, Cleburne, Coosa, Covington, Crenshaw, Dale, DeKalb, Fayette, Jefferson, Lauderdale, Lawrence, Macon, Pickens, Tallapoosa, Winston

**ORDER ARTIODACTYLA - Even-toed Hoofed Mammals**

**Family Cervidae - Deer, Elk, Caribou, and Moose**

*Cervus elaphus* elk G5 SX EX

**Family Bovidae - Antelopes, Bison, Cattle, Goats, and Sheep**

*Bos bison* American bison G4 SX EX

<sup>16</sup> Species potentially occurs in every county, but little is known about its current status.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## CLASS AMPHIBIA – *Amphibians*

### ORDER ANURA - Frogs and Toads

#### Family Hylidae - Treefrogs and Allies

*Hyla andersonii* Pine Barrens Treefrog G4 S2 SP P1  
Counties of occurrence: Covington, Escambia, Geneva

*Pseudacris ocularis* Little Grass Frog G5 S1 P2  
Counties of occurrence: Houston

#### Family Ranidae - “True” Frogs

*Lithobates areolatus* Crawfish Frog G4 S1 SP P1  
Counties of occurrence: Sumter

*Lithobates capito* Gopher Frog G3 S2 UR SP P1  
Counties of occurrence: Baldwin<sup>4</sup>, Barbour<sup>4</sup>, Coffee<sup>4</sup>, Covington, Escambia, Shelby<sup>4</sup>

*Lithobates heckscheri* River Frog G5 S1 SP P1  
Counties of occurrence<sup>4</sup>: Baldwin, Escambia, Henry, Mobile

*Lithobates sevosus* Dusky Gopher Frog G1 SH LE SP P1  
Counties of occurrence<sup>4</sup>: Mobile, Washington

*Lithobates sylvaticus* Wood Frog G5 S2 P1  
Counties of occurrence: Clay, Cleburne, Randolph, Talladega, Tallapoosa

### ORDER CAUDATA - Salamanders

#### Family Ambystomatidae - Mole Salamanders

*Ambystoma bishopi* Reticulated Flatwoods Salamander G2 S1 LE SP P1  
Counties of occurrence<sup>17</sup>: Baldwin, Covington, Houston, Mobile

*Ambystoma texanum* Small-mouthed Salamander G5 S3 P2  
Counties of occurrence: Choctaw, Madison, Marion, Montgomery, Morgan, Perry, Sumter, Tuscaloosa, Washington, Wilcox

*Ambystoma tigrinum* Eastern Tiger Salamander G5 S3 P2  
Counties of occurrence: Bibb, Bullock, Calhoun, Chilton, Cleburne, Colbert, Covington, Crenshaw, Cullman, Dale, Escambia, Geneva, Henry, Houston, Jefferson, Macon, Marshall, Mobile, Montgomery, Shelby, Talladega

#### Family Amphiumidae - Amphiumas

*Amphiuma means* Two-toed Amphiuma G5 S3  
Counties of occurrence: Baldwin, Covington, Henry, Houston, Macon, Mobile, Monroe, Montgomery, Pike, Washington

*Amphiuma pholeter* One-toed Amphiuma G3 S1 SP P2  
Counties of occurrence: Baldwin, Mobile

*Amphiuma tridactylum* Three-toed Amphiuma G5 S3  
Counties of occurrence: Dallas, Hale, Sumter, Tuscaloosa, Washington

#### Family Cryptobranchidae - Giant Salamanders

*Cryptobranchus alleganiensis* Hellbender G3G4 S2 UR SP P1  
Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Limestone, Madison, Marion, Marshall, Morgan<sup>4</sup>

#### Family Plethodontidae - Lungless Salamanders

*Aneides aeneus* Green Salamander G3G4 S3 UR SP P2  
Counties of occurrence: Cherokee, Colbert, DeKalb, Franklin, Jackson, Lauderdale, Lawrence, Madison, Marion, Marshall, St. Clair, Tuscaloosa<sup>4</sup>, Walker, Winston

<sup>4</sup> Historic occurrence.

<sup>17</sup> Historic occurrence: species has not been observed in Alabama since 1981.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Desmognathus aeneus</i>	Seepage Salamander	G3G4	S2	UR	SP	P2
Counties of occurrence: Bibb, Calhoun, Cherokee, Chilton, Clay, Cleburne, Greene, Hale, Marion, Randolph, St. Clair, Talladega, Tuscaloosa						
<i>Desmognathus apalachicola</i>	Apalachicola Dusky Salamander	G4	S3			
Counties of occurrence: Barbour, Dale, Henry, Houston, Russell						
<i>Desmognathus auriculatus</i>	Southern Dusky Salamander	G5	S2		SP	P1
Counties of occurrence: Baldwin, Covington, Geneva, Houston, Mobile						
<i>Desmognathus monticola</i>	Seal Salamander	G5	S5		SP <sup>18</sup>	
Counties of occurrence: Bibb, Blount, Butler, Calhoun, Chambers, Chilton, Choctaw, Clarke, Clay, Cleburne, Conecuh, Coosa, Elmore, Jackson, Jefferson, Lee, Macon, Monroe, Randolph, Russell, Shelby, St. Clair, Talladega, Tallapoosa						
<i>Desmognathus ocoee</i>	Ocoee Salamander	G5	S2			
Counties of occurrence: Blount, Cullman, DeKalb, Etowah, Jackson, Madison, Marshall, Morgan						
<i>Gyrinophilus palleucus palleucus</i>	Pale Salamander	G2G3T2	S2	UR	SP	P2
Counties of occurrence: Colbert, DeKalb, Jackson, Limestone, Madison, Marshall						
<i>Phaeognathus hubrichti</i>	Red Hills Salamander <sup>7</sup>	G2	S2	LT	SP	P1
Counties of occurrence: Butler, Conecuh, Covington, Crenshaw, Monroe, Wilcox						
<i>Plethodon serratus</i>	Southern Red-backed Salamander	G5	S2S3			P2
Counties of occurrence: Calhoun						
<b>Family Proteidae - Waterdogs and Mudpuppies</b>						
<i>Necturus alabamensis</i>	Black Warrior Waterdog <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Blount, Cullman <sup>19</sup> , Fayette <sup>18</sup> , Jefferson <sup>18</sup> , Lawrence <sup>18</sup> , Marshall, Tuscaloosa, Walker, Winston						
<i>Necturus maculosus</i>	Mudpuppy	G5	S1			
Counties of occurrence: Colbert, Franklin, Lauderdale, Madison, Marshall						
<b>Family Sirenidae - Sirens</b>						
<i>Siren lacertian</i>	Greater Siren	G5	S3			
Counties of occurrence: Baldwin, Covington, Henry						

<sup>7</sup> Alabama endemic.

<sup>18</sup> Only populations of Coastal Plain origin are protected by the Nongame Species Regulation.

<sup>19</sup> Potentially occurs in the county.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Reptiles

### Class Reptilia – Lizards, Snakes, and Amphisbaenas

#### ORDER SQUAMATA, SUBORDER LACERTILIA - Lizards

##### Family Anguillidae - Glass Lizard

*Ophisaurus attenuatus* Slender Glass Lizard G5 S3 SP P2

Counties of occurrence: Barbour, Butler, Calhoun, Chambers, Cleburne, Coosa, Covington, Etowah, Jefferson, Lamar, Lauderdale, Lee, Macon, Morgan, Russell, Shelby, St. Clair, Tallapoosa

*Ophisaurus mimicus* Mimic Glass Lizard G3 S1 SP P1

Counties of occurrence: Baldwin<sup>4</sup>, Conecuh, Covington<sup>4</sup>, Mobile<sup>4</sup>

##### Family Scincidae - Skinks

*Plestiodon anthracinus* Coal Skink G5 S3 SP P2

Counties of occurrence: Bibb, Blount, Chilton, Choctaw, Colbert, Coosa, Elmore, Lawrence, Marion, Mobile<sup>4</sup>, Monroe, Russell, Shelby, St. Clair, Tuscaloosa

*Plestiodon inexpectatus* Southeastern Five-Lined Skink G5 S3 SP P2

Counties of occurrence: Autauga, Bibb, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Clay, Cleburne, Colbert, Conecuh, Coosa, Covington, Cullman, Elmore, Etowah, Fayette, Franklin, Greene, Houston, Lamar, Lee, Macon, Marengo, Marion, Mobile, Pickens, Randolph, Russell, Shelby, Talladega, Tallapoosa, Washington

#### ORDER SQUAMATA, SUBORDER SERPENTES - Snakes

##### Family Colubridae - Colubrid Snakes

*Coluber flagellum* Coachwhip G5 S3 SP

Counties of occurrence: Autauga, Baldwin, Barbour, Bibb, Butler, Calhoun, Chambers, Coffee, Conecuh, Coosa, Covington, Crenshaw, Cullman, Dale, Dallas, DeKalb, Escambia, Franklin, Jefferson, Lauderdale, Lee, Macon, Mobile, Monroe, Pickens, Pike, Russell, Shelby, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Wilcox

*Drymarchon couperi* Eastern Indigo Snake G3 S1 LT SP P1

Counties of occurrence: Baldwin<sup>4</sup>, Coffee, Conecuh, Covington<sup>4</sup>, Escambia<sup>4</sup>, Mobile, Washington<sup>4</sup>

*Farancia erythrogramma* Rainbow Snake G4 S3 SP P1

Counties of occurrence: Baldwin, Chilton, Covington, Dale, Escambia, Henry, Mobile, Shelby, Tuscaloosa

*Heterodon simus* Southern Hog-nosed Snake G2 SH UR SP P1

Counties of occurrence<sup>20</sup>: Autauga, Baldwin, Calhoun, Choctaw, Clarke, Covington, Dale, Escambia, Shelby

*Lampropeltis calligaster calligaster* Prairie Kingsnake G5T5 S1S2 SP

Counties of occurrence: Madison

*Lampropeltis calligaster rhombomaculata* Mole Kingsnake G5T5 S3

Counties of occurrence: Baldwin, Bibb, Calhoun, Coosa, Etowah, Jefferson, Lee, Madison, Marshall, Mobile, Randolph, Russell, Shelby, St. Clair, Tuscaloosa

*Lampropeltis getula* eastern kingsnake G5 S4 SP P2

Counties of occurrence: Baldwin, Barbour, Bullock, Butler, Chambers, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Elmore, Geneva, Henry, Houston, Lee, Macon, Mobile, Pike, Russell

*Lampropeltis nigra holbrooki* eastern speckled kingsnake G5T5 S3 SP P2

Counties of occurrence: Autauga, Bullock, Choctaw, Clarke, Dallas, Elmore, Greene, Hale, Lowndes, Macon, Marengo, Mobile, Monroe, Montgomery, Perry, Pickens, Sumter, Tuscaloosa, Washington, Wilcox

<sup>4</sup> Historic occurrence.

<sup>20</sup> Historic occurrence, may be extirpated in Alabama.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Lampropeltis triangulum sypila</i> <sup>21</sup>	Red Milksnake	G5T5	S2			
Counties of occurrence: Lawrence, Madison, Morgan, Winston						
<i>Lampropeltis triangulum triangulum</i> <sup>20</sup>	Eastern Milksnake	G5T5	S2			
Counties of occurrence: DeKalb, Jackson						
<i>Liodytes pygaea</i>	Black Swampsnake	G5	S1			P2
Counties of occurrence: Covington, Escambia						
<i>Nerodia clarkii clarkii</i>	Gulf Saltmarsh Watersnake	G4T4	S2		SP	P2
Counties of occurrence: Baldwin, Mobile						
<i>Nerodia cyclopion</i>	Mississippi Green Watersnake	G5	S1S2			
Counties of occurrence: Baldwin, Mobile						
<i>Nerodia floridana</i>	Florida Green Watersnake	G5	S1S2			
Counties of occurrence: Baldwin						
<i>Nerodia taxispilota</i>	Brown Watersnake	G5	S3			
Counties of occurrence: Baldwin, Barbour, Coffee, Covington, Dale, Escambia, Geneva, Henry, Houston, Lee, Russell						
<i>Pituophis melanoleucus lodingi</i>	Black Pinesnake	G4T2T3	S2	LT	SP	P1
Counties of occurrence: Clarke, Mobile, Washington						
<i>Pituophis melanoleucus melanoleucus</i>	Northern Pinesnake	G4T4	S3		SP	P2
Counties of occurrence: Autauga, Calhoun, Cherokee, Chilton, Colbert, Crenshaw <sup>22</sup> , DeKalb, Elmore <sup>21</sup> , Jackson, Jefferson, Lauderdale, Shelby, St. Clair, Tuscaloosa, Winston						
<i>Pituophis melanoleucus mugitus</i>	Florida Pinesnake	G4T3	S2	UR	SP	P2
Counties of occurrence: Baldwin <sup>23</sup> , Covington, Crenshaw, Escambia <sup>22</sup> , Russell						
<i>Rhadinaea flavilata</i>	Pine Woods Littersnake	G4	S2			
Counties of occurrence: Baldwin, Clarke, Mobile, Russell, Washington						

#### Family Elapidae - Coral Snakes

<i>Micrurus fulvius</i>	Harlequin Coralsnake	G5	S3		SP	P1
Counties of occurrence: Autauga <sup>4</sup> , Baldwin, Barbour, Bibb, Clarke, Coffee, Coosa, Covington, Dale, Geneva, Greene <sup>4</sup> , Henry, Houston, Mobile, St. Clair, Talladega, Washington						

#### Family Viperidae - Pit Vipers

<i>Crotalus adamanteus</i>	Eastern Diamond-Backed Rattlesnake	G4	S3	UR		P2
Counties of occurrence: Baldwin, Barbour, Choctaw, Clarke, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Mobile, Monroe, Washington						

### Class Chelonia – Turtles and Tortoises

#### ORDER CRYPTODEIRA - Straightneck Turtles

##### Family Cheloniidae - Sea Turtles

<i>Caretta caretta</i>	Loggerhead Sea Turtle	G3	S1	LT	SP	P1
Counties of occurrence: Baldwin, Mobile						
<i>Chelonia mydas</i>	Green Sea Turtle	G3	S1	LT <sup>24</sup>	SP	P1
Counties of occurrence: Baldwin, Mobile						

<sup>4</sup> Historic occurrence.

<sup>21</sup> Ruane et al. (2014) proposed snakes previously considered to be *Lampropeltis triangulum* consist of seven distinct species. They synonymized *L. triangulum sypila* and *L. triangulum triangulum* as a single species, *L. triangulum*. ALNHP has retained the subspecies designations.

<sup>22</sup> Intergradient between northern and Florida pine snakes.

<sup>23</sup> Individuals from the county are intergradient with black pine snake.

<sup>24</sup> *Chelonia mydas*, LT throughout most of its range, including Alabama; LE in Florida, Mexico.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Lepidochelys kempii</i> Counties of occurrence: Baldwin, Mobile	Kemp's Ridley Sea Turtle	G1	S1	LE	SP	P1
<b>Family Chelydridae - Snapping Turtles</b>						
<i>Macrochelys temminckii</i> Counties of occurrence: Autauga <sup>4</sup> , Baldwin, Bullock, Calhoun, Chilton, Choctaw, Clarke, Colbert, Coosa, Covington, Elmore, Escambia, Franklin, Houston, Lauderdale, Lee, Lowndes, Macon, Marshall, Mobile, Monroe, Montgomery, Perry, Russell, Shelby, St. Clair, Sumter, Talladega, Tuscaloosa, Walker, Washington, Wilcox	Alligator Snapping Turtle	G3G4	S3	UR	SP	
<b>Family Dermochelyidae - Leatherback Sea Turtles</b>						
<i>Dermochelys coriacea</i> Counties of occurrence <sup>25</sup> : Baldwin, Mobile	Leatherback Sea Turtle	G2	SNA	LE	SP	P1
<b>Family Emydidae - Emydid Turtles</b>						
<i>Deirochelys reticularia</i> Counties of occurrence: Baldwin, Calhoun, Covington, Crenshaw, Dallas, Escambia, Geneva, Greene, Henry, Houston, Lee, Macon, Mobile, Pickens, Russell, Shelby, St. Clair	Chicken Turtle	G5	S3			
<i>Graptemys barbouri</i> Counties of occurrence: Barbour, Coffee, Dale, Geneva, Houston, Russell	Barbour's Map Turtle	G2	S2		SP	P2
<i>Graptemys ernsti</i> Counties of occurrence: Coffee, Covington, Escambia, Geneva	Escambia Map Turtle	G2	S2	UR	SP	P2
<i>Graptemys geographica</i> Counties of occurrence: Bibb, Blount, Colbert, Coosa, Cullman, Jefferson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan, Shelby	Northern Map Turtle	G5	S3			
<i>Graptemys ouachitensis</i> Counties of occurrence: Colbert, Jackson, Lauderdale, Lawrence, Madison, Marshall, Morgan	Southern Map Turtle	G5	S3			
<i>Graptemys pulchra</i> Counties of occurrence: Autauga, Baldwin, Bibb, Cherokee, Chilton, Choctaw, Clarke, Coosa, Dallas, Elmore, Etowah, Greene, Hale, Jefferson, Lowndes, Marengo, Mobile, Monroe, Montgomery, Perry, Shelby, Sumter, Talladega, Tallapoosa, Washington, Wilcox	Alabama Map Turtle	G4	S3	UR	SP	
<i>Malaclemys terrapin pileata</i> Counties of occurrence: Baldwin, Mobile	Mississippi Diamond-backed Terrapin	G4T3Q	S2		SP	P1
<i>Pseudemys alabamensis</i> Counties of occurrence: Baldwin, Mobile, Monroe <sup>3</sup>	Alabama Red-bellied Cooter	G1	S1	LE	SP	P1
<b>Family Kinosternidae - Mud and Musk Turtles</b>						
<i>Sternotherus carinatus</i> Counties of occurrence: Mobile, Washington <sup>26</sup>	Razor-backed Musk Turtle	G5	S1			P2
<i>Sternotherus depressus</i> Counties of occurrence: Blount, Cullman, Etowah <sup>4</sup> , Fayette, Jefferson, Marshall <sup>4</sup> , Tuscaloosa, Walker, Winston	Flattened Musk Turtle <sup>7</sup>	G2	S2	LT	SP <sup>27</sup>	P2
<b>Family Testudinidae - Tortoises</b>						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>25</sup> An occasional visitor to Alabama waters, but not known to nest in the state.

<sup>26</sup> Possibly occurs in the county.

<sup>27</sup> *Sternotherus depressus* is protected under Alabama Game, Fish and Wildlife Laws, Section 9-11-269 as well as the Nongame Regulation.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Gopherus polyphemus</i>	Gopher Tortoise	G3	S3	LT, C <sup>28</sup>	SP	P2
Counties of occurrence: Baldwin, Barbour, Bullock, Butler, Choctaw, Clarke, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Mobile, Monroe, Pike, Russell, Washington						
<b>Family Trionychidae - Softshell Turtles</b>						
<i>Apalone ferox</i>	Florida Softshell	G5	S2		RT	
Counties of occurrence: Baldwin, Covington, Escambia, Geneva, Mobile						

<sup>28</sup> *Gopherus polyphemus*, Listed by USFWS as Threatened west of the Mobile and Tombigbee rivers in Alabama (Choctaw, Mobile, and Washington counties), Mississippi, and Louisiana. Eastern populations are a candidate species.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Fishes

### CLASS ACTINOPTERYGII – Ray-finned Fishes

#### ORDER ACIPENSERIFORMES - Sturgeons and Paddlefishes

##### Family Acipenseridae - Sturgeons

*Acipenser fulvescens* lake sturgeon G3G4 S1 SP EXCAU  
 Counties of occurrence: Cherokee, Limestone<sup>4</sup>, Madison<sup>4</sup>, Morgan<sup>4</sup>, Shelby<sup>4</sup>, St. Clair<sup>4</sup>, Talladega<sup>4</sup>

*Acipenser oxyrinchus desotoi* Gulf sturgeon G3T2 S1 LT SP P2  
 Counties of occurrence: Baldwin, Bibb<sup>4</sup>, Chilton<sup>4</sup>, Choctaw, Clarke, Coffee, Covington, Dale, Escambia, Elmore<sup>4</sup>, Geneva, Houston, Macon<sup>4</sup>, Marengo<sup>4</sup>, Mobile, Monroe, Sumter<sup>4</sup>, Washington, Wilcox

*Scaphirhynchus platyrhynchus* shovelnose sturgeon G4 SX SAT<sup>29</sup> SP<sup>30</sup> EX  
 Counties of occurrence<sup>4</sup>: Colbert, Lauderdale, Lawrence, Limestone, Morgan

*Scaphirhynchus suttkusi* Alabama sturgeon G1 S1 LE SP P1  
 Counties of occurrence: Autauga, Baldwin, Clarke, Dallas, Elmore<sup>4</sup>, Greene<sup>4</sup>, Monroe, Montgomery<sup>4</sup>, Perry<sup>4</sup>, Sumter<sup>4</sup>, Wilcox

##### Family Polyodontidae - Paddlefishes

*Polyodon spathula* paddlefish G4 S3 CNGF, SP<sup>31</sup>  
 Counties of occurrence: Autauga, Baldwin, Choctaw, Clarke, Dallas, Elmore, Greene, Hale, Lauderdale, Limestone, Lowndes, Macon, Marengo, Mobile, Monroe, Montgomery, Perry, Sumter, Tallapoosa, Tuscaloosa, Walker, Washington, Wilcox

#### ORDER LEPISOSTEIFORMES - Gars

##### Family Lepisosteidae - Gars

*Atractosteus spatula* alligator gar G3G4 S2 CNGF  
 Counties of occurrence: Baldwin, Clarke, Escambia, Mobile, Monroe

*Lepisosteus platostomus* shortnose gar G5 SX CNGF EX  
 Counties of occurrence<sup>4</sup>: Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan

#### ORDER HIODONTIFORMES - Mooneyes

##### Family Hiodontidae - Mooneyes

*Hiodon alosoides* goldeye G5 SX EX  
 Counties of occurrence<sup>4</sup>: Lawrence, Limestone, Madison, Morgan

*Hiodon tergisus* mooneye G5 S3S4  
 Counties of occurrence: Baldwin, Bibb, Chilton, Choctaw, Clarke, Colbert, Coosa, Dallas, Elmore, Greene, Hale, Lamar, Lauderdale, Lawrence, Limestone, Lowndes, Macon, Madison, Marengo, Marshall, Mobile, Monroe, Montgomery, Morgan, Perry, Pickens, Shelby, Sumter, Talladega, Tallapoosa, Washington, Wilcox

<sup>4</sup> Historic occurrence.

<sup>29</sup> *Scaphirhynchus platyrhynchus* is treated as threatened due to its similarity of appearance to the endangered pallid sturgeon (*Scaphirhynchus albus*).

<sup>30</sup> *Scaphirhynchus platyrhynchus* is not included in Nongame Species Regulation (Regulation 220-2-.92) but all species of sturgeon are protected by Regulation 220-2-.26(4) Restrictions on Possession, Sale, Importation and/or Release of Certain Animals and Fish.

<sup>31</sup> *Polyodon spathula* is not included in the list of protected species in the Nongame Species Regulation 220-2-.92, but is protected by Regulations 220-2-.94 Prohibition of Taking or Possessing Paddlefish (Spoonbill) and 220-2-.43 Unlawful to Willfully Waste Paddlefish.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**ORDER CLUPEIFORMES - Anchovies and Herrings**

**Family Clupeidae – Herrings**

<i>Alosa alabamiae</i>	Alabama shad	G2G3	S2	SC <sup>32</sup>	SP	P1
Counties of occurrence: Baldwin <sup>4</sup> , Bibb <sup>4</sup> , Choctaw, Clarke <sup>4</sup> , Covington, Dale, Dallas, Elmore <sup>4</sup> , Escambia, Geneva, Greene, Hale, Houston, Marengo <sup>4</sup> , Mobile <sup>4</sup> , Monroe, Perry <sup>4</sup> , Shelby <sup>4</sup> , Sumter, Tuscaloosa, Wilcox						

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

**Family Cyprinidae - Carps and Minnows**

<i>Campostoma pauciradii</i>	bluefin stoneroller	G4	S3			
Counties of occurrence: Barbour, Chambers, Houston, Lee, Randolph, Russell						
<i>Chrosomus erythrogaster</i>	southern redbelly dace	G5	S3			
Counties of occurrence: Colbert, Franklin, Lauderdale, Lawrence, Limestone, Morgan						
<i>Cyprinella caerulea</i>	blue shiner	G2	S1	LT	SP	P1
Counties of occurrence: Bibb <sup>4</sup> , Calhoun, Cherokee, Coosa, Cleburne <sup>4</sup> , DeKalb, Etowah <sup>4</sup> , Jefferson <sup>4</sup> , Shelby <sup>4</sup> , Talladega <sup>4</sup>						
<i>Cyprinella callitaenia</i>	bluestripe shiner	G2G3	S1			P1
Counties of occurrence: Barbour, Clay, Henry, Houston, Lee, Randolph, Russell						
<i>Cyprinella gibbsi</i>	Tallapoosa shiner	G4	S3			
Counties of occurrence: Chambers, Clay, Cleburne, Coosa, Elmore, Lee, Macon, Randolph, Tallapoosa						
<i>Erimonax Monachus</i>	spotfin chub	G2	SX	LT, XN <sup>33</sup>	SP	EXCAU
Counties of occurrence <sup>4</sup> : Colbert, Lauderdale						
<i>Erimystax dissimilis</i>	streamline chub	G4	S1S2			P2
Counties of occurrence: Jackson, Marshall, Lauderdale						
<i>Erimystax insignis</i>	blotched chub	G4	S2			
Counties of occurrence: Jackson, Lauderdale, Madison, Marshall						
<i>Hemitremia flammea</i>	flame chub	G3	S3			
Counties of occurrence: Blount, Calhoun, Colbert, DeKalb, Lauderdale, Lawrence, Limestone, Madison, Morgan, Talladega						
<i>Hybognathus hayi</i>	cypress minnow	G5	S3			
Counties of occurrence: Dallas, Perry						
<i>Hybognathus nuchalis</i>	Mississippi silvery minnow	G5	S4			
Counties of occurrence: Autauga, Baldwin, Bibb, Dallas, Elmore, Fayette, Franklin, Greene, Marion, Perry, Pickens, Sumter, Tuscaloosa, Washington, Wilcox						
<i>Hybopsis amblops</i>	bigeye chub	G5	S3			
Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marion, Marshall						
<i>Hybopsis lineapunctata</i>	lined chub	G3G4	S3			
Counties of occurrence: Calhoun, Chambers, Clay, Cleburne, Coosa, Elmore, Etowah, Lee, Macon, Randolph, Talladega, Tallapoosa						

<sup>4</sup> Historic occurrence.

<sup>32</sup> Listed as a species of concern by the National Marine Fisheries Service (Federal Register 69(73):19975-19979, available at <<http://www.nmfs.noaa.gov/pr/pdfs/fr/fr64-19975.pdf>>).

<sup>33</sup> LT – Listed Threatened range wide except where listed as Experimental Population, Non-essential; There are three locations where it is designated Experimental but only one (Shoal Creek) includes portions of Alabama. XN – Experimental Population, Nonessential: TN-AL - Nonessential experimental population that would extend from the mouth of Long Branch, Lawrence County, Tennessee (Shoal Creek mile (CM) 41.7 (66.7 kilometers (km)), downstream to the backwaters of the Wilson Reservoir at Goose Shoals, Lauderdale County, Alabama (approximately CM 14 (22 km)), and would include the lower 5 CM (8 km) of all tributaries that enter this reach.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Luxilus coccogenis</i> Counties of occurrence: DeKalb, Lauderdale	warpaint shiner	G5	S1			
<i>Luxilus zonistius</i> Counties of occurrence: Barbour, Chambers, Clay, Henry, Houston, Lee, Randolph, Russell	bandfin shiner	G4	S3			
<i>Lythrurus fumeus</i> Counties of occurrence: Colbert, Franklin, Lauderdale	ribbon shiner	G5	S2			
<i>Lythrurus lirus</i> Counties of occurrence: Lauderdale	mountain shiner	G4	S3			
<i>Lythrurus roseipinnis</i> Counties of occurrence: Baldwin, Clarke, Escambia, Mobile, Monroe, Washington	cherryfin shiner	G5	S2			
<i>Macrhybopsis hyostoma</i> Counties of occurrence: Limestone	shoal chub	G5	S2			P1
<i>Macrhybopsis sp 2</i>	Florida chub	G3	S3			
<i>Nocomis micropogon</i> Counties of occurrence: DeKalb, Franklin, Jackson, Lauderdale, Madison, Winston	river chub	G5	S2			
<i>Notropis albizonatus</i> Counties of occurrence: Lawrence <sup>4</sup> , Jackson	palezone shiner	G1	S1	LE	SP	P1
<i>Notropis ariommus</i> Counties of occurrence: Lauderdale <sup>4</sup>	popeye shiner	G3	SX	UR		EX
<i>Notropis boops</i> Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall	bigeye shiner	G5	S2			
<i>Notropis buchanani</i> Counties of occurrence: Colbert <sup>4</sup> , Lauderdale, Lawrence <sup>4</sup> , Limestone, Madison <sup>4</sup> , Marshall, Morgan <sup>4</sup>	ghost shiner	G5	S2			P2
<i>Notropis cahabae</i> Counties of occurrence: Bibb, Blount, Jefferson, Perry, Shelby	Cahaba shiner <sup>7</sup>	G2	S2	LE	SP	P1
<i>Notropis chalybaeus</i> Counties of occurrence <sup>4</sup> : Baldwin, Clarke, Covington, Escambia, Henry, Houston, Mobile, Washington	ironcolor shiner	G4	SH		SP	P1
<i>Notropis cummingsae</i> Counties of occurrence: Houston, Lee, Russell	dusky shiner	G5	S2			P1
<i>Notropis harperi</i> Counties of occurrence: Barbour, Butler, Coffee, Covington, Crenshaw, Escambia, Geneva, Henry, Houston, Pike	redeye chub	G4	S3			
<i>Notropis hypsilepis</i> Counties of occurrence: Chambers, Lee, Randolph, Russell	highscale shiner	G3	S2			P2
<i>Notropis leuciodus</i> Counties of occurrence: Jackson, Lauderdale, Madison, Marshall	Tennessee shiner	G5	S1			
<i>Notropis maculatus</i> Counties of occurrence: Baldwin, Clarke, Dale, Dallas, Escambia, Geneva, Greene, Houston, Lamar, Mobile, Monroe, Pickens, Russell, Sumter, Tuscaloosa, Washington, Wilcox	taillight shiner	G5	S3			
<i>Notropis melanostomus</i> Counties of occurrence: Baldwin	blackmouth shiner	G2	S1		SP	P2
<i>Notropis micropteryx</i> Counties of occurrence: Colbert, Franklin, Lauderdale, Lawrence, Limestone	highland shiner	G5	S2			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Notropis photogenis</i>	silver shiner Counties of occurrence: Lauderdale, Limestone	G5	S1			
<i>Notropis</i> sp. cf. <i>spectrunculus</i>	sawfin shiner Counties of occurrence: Jackson, Lauderdale, Limestone	G4	S2			
<i>Notropis telescopus</i>	telescope shiner Counties of occurrence: Colbert, Jackson, Lauderdale, Limestone, Madison	G5	S3			
<i>Notropis uranoscopus</i>	skygazer shiner Counties of occurrence: Bibb, Dallas, Elmore, Macon, Monroe, Montgomery, Perry, Tallapoosa, Wilcox	G3	S2			
<i>Notropis wickliffi</i>	channel shiner Counties of occurrence: Franklin, Lauderdale, Madison, Marshall	G5	S1			
<i>Phenacobius mirabilis</i>	suckermouth minnow Counties of occurrence: Franklin	G5	S1			P1
<i>Phenacobius uranops</i>	stargazing minnow Counties of occurrence: Lauderdale, Lawrence <sup>4</sup> , Limestone	G4	S1S2			P2
<i>Pteronotropis euryzonus</i>	broadstripe shiner Counties of occurrence: Barbour, Henry, Houston, Lee, Russell	G3	S2			P1
<i>Pteronotropis grandipinnis</i>	Apalachee shiner Counties of occurrence: Houston	GNR	S2			
<i>Pteronotropis merlini</i>	orangetail shiner Counties of occurrence: Barbour, Bullock, Coffee, Dale, Geneva, Henry, Houston, Pike	GNR	S3			
<i>Pteronotropis signipinnis</i>	flagfin shiner Counties of occurrence: Baldwin, Barbour, Choctaw, Clarke, Coffee, Conecuh, Covington, Dale, Escambia, Mobile, Monroe, Washington	G5	S3			
<i>Pteronotropis welaka</i>	bluenose shiner Counties of occurrence: Bibb, Clarke, Conecuh, Covington, Dallas, Geneva, Henry, Houston, Pickens, Tuscaloosa, Washington	G3G4	S2			P2
<b>Family Catostomidae - Suckers</b>						
<i>Carpiodes carpio</i>	river carpsucker Counties of occurrence: Colbert, Lauderdale, Limestone, Madison, Marshall	G5	S2			CNGF
<i>Cycleptus elongatus</i>	blue sucker Counties of occurrence: Colbert, Lauderdale	G3	S1			CNGF
<i>Cycleptus meridionalis</i>	southeastern blue sucker Counties of occurrence: Autauga, Baldwin, Bibb <sup>34</sup> , Choctaw, Clarke, Dallas, Elmore, Greene, Lowndes, Macon, Marengo, Mobile, Monroe, Montgomery, Perry <sup>33</sup> , Pickens, Shelby <sup>33</sup> , St. Clair <sup>4</sup> , Sumter, Talladega <sup>4</sup> , Wilcox,	G3G4	S3			CNGF
<i>Ictiobus cyprinellus</i>	bigmouth buffalo Counties of occurrence: Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G5	S2S3			CNGF
<i>Ictiobus niger</i>	black buffalo Counties of occurrence: Franklin, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G5	S2S3			CNGF
<i>Moxostoma anisurum</i>	silver redhorse Counties of occurrence: Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G5	S2			CNGF
<i>Moxostoma breviceps</i>	shorthead redhorse Counties of occurrence: Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G5	S3			CNGF

<sup>4</sup> Historic occurrence.

<sup>34</sup> Historic occurrence; evidence suggests it has been extirpated in the Cahaba River system.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Moxostoma lachneri</i>	greater jumprock	G4	S3		CNGF	
Counties of occurrence: Barbour, Chambers, Henry, Houston, Lee, Randolph, Russell						
<i>Moxostoma</i> sp. cf. <i>poecilurum</i>	Apalachicola redhorse	G3	S2		CNGF	
Counties of occurrence: Barbour, Chambers, Henry, Houston, Lee, Russell						
<b>ORDER SILURIFORMES - Catfishes</b>						
<b>Family Ictaluridae - North American Catfishes</b>						
<i>Ameiurus brunneus</i>	snail bullhead	G4	S3		CNGF	
Counties of occurrence: Barbour, Chambers, Houston, Lee, Randolph, Russell						
<i>Ameiurus catus</i>	white catfish	G5	S3		CNGF	
Counties of occurrence: Barbour, Geneva, Henry, Houston, Lee, Russell						
<i>Ameiurus serracanthus</i>	spotted bullhead	G3	S2		CNGF	
Counties of occurrence: Barbour, Chambers, Henry, Houston, Lee, Russell						
<i>Noturus crypticus</i>	chucky madtom	G1	SX	LE	CNGF	EX
Counties of occurrence <sup>4</sup> : Jackson						
<i>Noturus elegans</i>	elegant madtom	G4	SX		CNGF	
Counties of occurrence <sup>4</sup> : Jackson, Limestone, Madison						
<i>Noturus eleutherus</i>	mountain madtom	G4	S1		CNGF	P1
Counties of occurrence: Limestone						
<i>Noturus exilis</i>	slender madtom	G5	S3		CNGF	
Counties of occurrence: Colbert, Franklin, Lauderdale, Lawrence, Limestone, Marion						
<i>Noturus</i> sp. cf. <i>flavus</i>	highlands stonecat	G5T4Q	S1		CNGF	P2
Counties of occurrence: Lauderdale, Limestone						
<i>Noturus miurus</i>	brindled madtom	G5	S1		CNGF	P2
Counties of occurrence: Colbert, Franklin, Lauderdale <sup>4</sup>						
<i>Noturus munitus</i>	frecklebelly madtom	G3	S2	UR	SP, CNGF	P1
Counties of occurrence: Bibb, Dallas, Greene, Lamar, Marion, Monroe, Perry, Pickens, Sumter, Tuscaloosa, Wilcox						
<i>Noturus nocturnus</i>	freckled madtom	G5	S3		CNGF	
Counties of occurrence: Baldwin, Bibb, Choctaw, Clarke, Dallas, Franklin, Greene, Hale, Lamar, Lauderdale, Lowndes, Macon, Marengo, Marion, Mobile, Morgan, Pickens, Sumter, Tuscaloosa, Washington, Wilcox, Winston						
<b>ORDER PERCOPSIFORMES - Trout-perch and Allies</b>						
<b>Family Amblyopsidae - Cavefishes</b>						
<i>Speoplatyrhinus poulsoni</i>	Alabama cavefish <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Lauderdale						
<i>Typhlichthys subterraneus</i>	southern cavefish	G4	S3		SP	
Counties of occurrence: Colbert, DeKalb, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan						
<b>ORDER CYPRINODONTIFORMES - Topminnows, Livebearers, and Allies</b>						
<b>Family Fundulidae - Topminnows</b>						
<i>Fundulus bifax</i>	stippled studfish	G2G3	S2			
Counties of occurrence: Chambers, Coosa, Elmore, Randolph, Tallapoosa						
<i>Fundulus blaire</i>	western starhead topminnow	G4	S3			
Counties of occurrence: Autauga, Baldwin, Bibb, Choctaw, Clarke, Escambia, Mobile, Monroe, Perry, Wilcox						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Fundulus catenatus</i>	northern studfish Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Limestone	G5	S3S4			
<i>Fundulus chrysotus</i>	golden topminnow Counties of occurrence: Baldwin, Mobile	G5	S3			
<i>Fundulus cingulatus</i>	banded topminnow Counties of occurrence: Baldwin, Covington, Escambia, Mobile	G4	S2			
<i>Fundulus confluentus</i>	marsh killifish Counties of occurrence: Baldwin	G5	S2			
<i>Fundulus dispar</i>	starhead topminnow Counties of occurrence: Choctaw, Clarke, Greene, Mobile, Sumter, Tuscaloosa	G4	S2			
<i>Fundulus escambiae</i>	russetfin topminnow Counties of occurrence: Baldwin, Barbour, Bullock, Covington, Dale, Escambia, Geneva, Houston	G4	S3			
<i>Fundulus jenkinsi</i>	saltmarsh topminnow Counties of occurrence: Baldwin, Mobile	G2	S1	SC <sup>35</sup>		
<i>Fundulus pulvereus</i>	Bayou killifish Counties of occurrence: Baldwin, Mobile	G5	S2			
<i>Leptolucania ommata</i>	pygmy killifish Counties of occurrence: Baldwin	G5	S1			
<i>Lucania goodei</i>	bluefin killifish Counties of occurrence: Houston	G5	S1			P2
<i>Lucania parva</i>	rainwater killifish Counties of occurrence: Baldwin, Clarke, Mobile, Washington	G5	S3			
<b>Family Poeciliidae - Livebearers</b>						
<i>Heterandria formosa</i>	least killifish Counties of occurrence: Baldwin, Clarke, Geneva, Houston, Mobile, Washington, Wilcox	G5	S3			
<i>Poecilia latipinna</i>	sailfin molly Counties of occurrence: Baldwin, Mobile	G5	S2			
<b>ORDER SCORPAENIFORMES - Sculpins and Allies</b>						
<b>Family Cottidae - Sculpins</b>						
<i>Cottus bairdii</i>	mottled sculpin Counties of occurrence: Jackson, Lauderdale, Madison	G5	S2			
<i>Cottus paulus</i>	pygmy sculpin <sup>7</sup> Counties of occurrence: Calhoun	G1	S1	LT	SP	P1
<i>Cottus tallapoosa</i>	Tallapoosa sculpin Counties of occurrence: Chambers, Clay, Cleburne, Elmore, Randolph, Tallapoosa	G4	S3			
<b>ORDER PERCIFORMES - Sunfishes, Perches, and Allies</b>						
<b>Family Centrarchidae - Sunfishes</b>						
<i>Acantharchus pomotis</i>	mud sunfish Counties of occurrence: Washington	G4G5	S1			
<i>Enneacanthus gloriosus</i>	bluespotted sunfish Counties of occurrence: Baldwin, Clarke, Covington, Mobile, Washington	G5	S3		GF	

<sup>7</sup> Alabama endemic.

<sup>35</sup> Listed as a species of concern by the National Marine Fisheries Service (Federal Register 69(73):19975-19979, available at <http://www.nmfs.noaa.gov/pr/pdfs/fr/fr64-19975.pdf>).

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Enneacanthus obesus</i> Counties of occurrence: Baldwin	banded sunfish	G5	S1		GF	
<i>Micropterus cataractae</i> Counties of occurrence: Barbour, Chambers, Lee, Randolph, Russell	shoal bass	G3	S2		GF-HP	P1
<b>Family Percidae - Perches</b>						
<i>Ammocrypta bifascia</i> Counties of occurrence: Baldwin, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Houston, Pike	Florida sand darter	G4	S3			
<i>Ammocrypta vivax</i> Counties of occurrence: Mobile	scaly sand darter	G5	S1			P1
<i>Crystallaria asprella</i> Counties of occurrence: Baldwin, Bibb, Choctaw, Clarke, Dallas, Elmore, Escambia, Greene, Macon, Monroe, Perry, Pickens, Sumter, Tallapoosa, Wilcox	crystal darter	G3	S3		SP	
<i>Etheostoma bellator</i> Counties of occurrence: Blount, Cullman, Jefferson	warrior darter <sup>7</sup>	G2	S2			P2
<i>Etheostoma</i> sp. cf. <i>bellator</i> "A" Counties of occurrence: Lawrence, Winston	Sipsey darter <sup>7</sup>	G2	S2			P2
<i>Etheostoma</i> sp. cf. <i>bellator</i> "B" Counties of occurrence: Blount, Etowah	Locust Fork Darter <sup>7</sup>	GNR	S1			P2
<i>Etheostoma blennioides</i> Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marion, Morgan, Winston	greenside darter	G5	S3			
<i>Etheostoma blennioides</i> Counties of occurrence: Lauderdale	blenny darter	G4	S2			
<i>Etheostoma boschungii</i> Counties of occurrence: Lauderdale, Limestone, Madison	slackwater darter	G1	S1	LT	SP	P1
<i>Etheostoma brevirostrum</i> Counties of occurrence: Calhoun, Cleburne	holiday darter	G2	S1		SP	P1
<i>Etheostoma camurum</i> Counties of occurrence: Limestone	bluebreast darter	G4	S1			P1
<i>Etheostoma chermocki</i> Counties of occurrence: Jefferson	vermilion darter <sup>7</sup>	G1	S1	LE	SP	P1
<i>Etheostoma chuckwachatte</i> Counties of occurrence: Chambers, Clay, Cleburne, Randolph, Tallapoosa	lipstick darter	G3	S2		SP	
<i>Etheostoma cinereum</i> Counties of occurrence <sup>4</sup> : Lauderdale	ashy darter	G2G3	SX	UR		EX
<i>Etheostoma corona</i> Counties of occurrence: Lauderdale	crown darter	G3	S2			
<i>Etheostoma crossopterum</i> Counties of occurrence: Lauderdale	fringed darter	G4	S1			
<i>Etheostoma davisoni</i> Counties of occurrence: Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Pike	Choctawhatchee darter	G4	S3			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Etheostoma ditrema</i>	coldwater darter Counties of occurrence: Calhoun, Cherokee, Chilton, Coosa, Etowah, Shelby, Talladega	G2	S2		SP	P2
<i>Etheostoma douglasi</i>	Tuskaloosa darter <sup>7</sup> Counties of occurrence: Blount, Cullman, Jefferson, Lawrence, Walker, Winston	G3	S3			
<i>Etheostoma flabellare</i>	fantail darter Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Morgan	G5	S3			
<i>Etheostoma fusiforme</i>	swamp darter Counties of occurrence: Autauga, Baldwin, Chambers, Clarke, Conecuh, Covington, Escambia, Geneva, Houston, Lamar, Mobile, Monroe, Pickens, Sumter, Tuscaloosa, Washington	G5	S3			
<i>Etheostoma histrio</i>	harlequin darter Counties of occurrence: Bibb, Choctaw, Clarke, Colbert, Coosa, Covington, Dallas, Elmore, Escambia, Fayette, Franklin, Hale, Lamar, Lauderdale, Marion, Monroe, Montgomery, Pickens, Sumter, Tuscaloosa, Wilcox	G5	S3			
<i>Etheostoma jessiae</i>	blueside darter Counties of occurrence: DeKalb, Franklin, Jackson, Lauderdale, Lawrence <sup>4</sup> , Limestone, Madison	G4	S3			
<i>Etheostoma kennicotti</i>	stripetail darter Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Morgan	G4G5	S3			
<i>Etheostoma lynceum</i>	brighteye darter Counties of occurrence: Mobile, Washington	G5	S1		SP	P1
<i>Etheostoma neopteron</i>	lollypop darter Counties of occurrence: Lauderdale	G3	S1		SP	P1
<i>Etheostoma nuchale</i>	watercress darter <sup>7</sup> Counties of occurrence: Jefferson	G1	S1	LE	SP	P1
<i>Etheostoma phytophilum</i>	rush darter <sup>7</sup> Counties of occurrence: Etowah, Jefferson, Winston	G1	S1	LE	SP	P1
<i>Etheostoma rufilineatum</i>	redline darter Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Limestone, Marion	G5	S3			
<i>Etheostoma tallapoosae</i>	Tallapoosa darter Counties of occurrence: Chambers, Clay, Cleburne, Coosa, Lee, Randolph, Tallapoosa	G4	S3			
<i>Etheostoma tennesseense</i>	Tennessee darter Counties of occurrence: Colbert, DeKalb, Franklin, Jackson, Lauderdale, Limestone, Madison, Morgan	G5	S3			
<i>Etheostoma trisella</i>	trispot darter Counties of occurrence: Cherokee, Etowah, St. Clair	G1	S1	PT	SP	P2
<i>Etheostoma tuscumbia</i>	Tuscumbia darter Counties of occurrence: Colbert, Lauderdale, Lawrence, Limestone, Madison, Morgan	G2	S2	UR	SP	P2
<i>Etheostoma wapiti</i>	boulder darter Counties of occurrence: Lauderdale <sup>4</sup> , Limestone	G1	S1	LE, XN <sup>36</sup>	SP	P1
<i>Etheostoma zonale</i>	banded darter Counties of occurrence: Colbert, Jackson, Lauderdale, Lawrence, Limestone	G5	S2			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>36</sup> LE – Listed Endangered range wide (Alabama and Tennessee) except where listed as Experimental Population, Nonessential; XN – Experimental Population, Nonessential: AL - Nonessential experimental population that would extend from the mouth of Long Branch, Lawrence County, Tennessee (Shoal Creek mile (CM) 41.7 (66.7 kilometers (km)), downstream to the backwaters of the Wilson Reservoir at Goose Shoals, Lauderdale County, Alabama (approximately CM 14 (22 km)), and would include the lower 5 CM (8 km) of all tributaries that enter this reach.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Etheostoma zonifer</i> Counties of occurrence:	backwater darter Autauga, Bibb, Bullock, Choctaw, Clarke, Dallas, Elmore, Greene, Lowndes, Macon, Marengo, Monroe, Montgomery, Perry, Pickens, Russell, Sumter, Wilcox	G4	S3			
<i>Etheostoma zonistium</i> Counties of occurrence:	bandfin darter Colbert	G4G5	S1			P2
<i>Etheostoma</i> sp. cf. <i>zonistium</i> Counties of occurrence:	blueface darter <sup>7</sup> Franklin, Lawrence, Marion, Winston	G1	S1			P2
<i>Perca flavescens</i> Counties of occurrence:	yellow perch Baldwin, Barbour, Chambers, Henry, Houston, Jackson, Lauderdale, Lawrence, Lee, Limestone, Marshall, Mobile, Morgan, Russell	G5	S3		GF	
<i>Percina aurolineata</i> Counties of occurrence:	goldline darter Bibb, Jefferson, Shelby	G2	S1	LT	SP	P2
<i>Percina austroperca</i> Counties of occurrence:	southern logperch Crenshaw, Escambia, Geneva, Pike	G3	S2			
<i>Percina brevicauda</i> Counties of occurrence:	coal darter <sup>7</sup> Bibb, Blount, Coosa, Jefferson, Perry, Shelby, St. Clair <sup>4</sup> , Talladega <sup>4</sup> , Tuscaloosa <sup>4</sup>	G2	S2	UR		P2
<i>Percina burtoni</i> Counties of occurrence:	blotchside logperch Jackson, Lauderdale <sup>4</sup>	G2G3	S1		SP	P1
<i>Percina crypta</i> Counties of occurrence:	Halloween darter Russell	G2	S1	UR	SP	P1
<i>Percina evides</i> Counties of occurrence:	gilt darter Colbert, Franklin, Lauderdale, Limestone	G4	S2			P2
<i>Percina lenticula</i> Counties of occurrence:	freckled darter Baldwin, Bibb, Cherokee <sup>4</sup> , Dallas, Elmore, Macon, Montgomery, Perry, Shelby, Sumter, Talladega, Tuscaloosa, Wilcox	G3	S2S3			
<i>Percina palmaris</i> Counties of occurrence:	bronze darter Calhoun, Chambers, Cherokee, Chilton, Clay, Cleburne, Coosa, DeKalb, Elmore, Etowah, Lee, Randolph, Shelby, St. Clair, Talladega, Tallapoosa	G4	S3			
<i>Percina phoxocephala</i> Counties of occurrence:	slenderhead darter Colbert, Franklin, Marion	G5	S2		SP	P1
<i>Percina shumardi</i> Counties of occurrence:	river darter Bibb, Calhoun, Cherokee, Chilton, Choctaw, Clarke, Colbert, Coosa, Dallas, Elmore, Franklin, Greene, Hale, Jackson, Lamar, Lauderdale, Lawrence, Limestone, Macon, Marshall, Monroe, Perry, Pickens, Shelby, St. Clair, Sumter, Talladega, Tallapoosa, Tuscaloosa, Walker, Wilcox, Winston	G5	S3			
<i>Percina sipsi</i> Counties of occurrence:	Bankhead darter <sup>7</sup> Lawrence, Winston	G1	S1	UR	SP	P1
<i>Percina smithvanizi</i> Counties of occurrence:	muscadine darter Chambers, Clay, Cleburne, Coosa, Elmore, Lee, Randolph, Tallapoosa	G3	S2			
<i>Percina suttkusi</i> Counties of occurrence:	Gulf logperch Baldwin, Choctaw, Clarke, Dallas, Greene, Hale, Monroe, Perry, Pickens, Sumter, Tuscaloosa, Washington, Wilcox	G5	S3			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Percina tanasi</i> Counties of occurrence: Madison, Marshall	snail darter	G2G3	S1	LT	SP	P1
<i>Sander sp. cf. vitreus</i> Counties of occurrence: Clay, Coosa	southern walleye	G3	S1		GF	P1
<b>Family Elasmomatidae - Pygmy Sunfishes</b>						
<i>Elassoma alabamae</i> Counties of occurrence: Lauderdale <sup>4</sup> , Limestone	spring pygmy sunfish <sup>7</sup>	G1	S1	LT	SP	P1
<i>Elassoma evergladei</i> Counties of occurrence: Baldwin, Covington, Escambia, Henry, Houston, Monroe	Everglades pygmy sunfish	G5	S3			

## Class Cephalaspidomorphi – Lampreys

### ORDER PETROMYZONTIFORMES - Lampreys

#### Family Petromyzontidae - Lampreys

<i>Ichthyomyzon greeleyi</i> Counties of occurrence: Lauderdale, Madison, Marshall	mountain brook lamprey	G4	S2			
<i>Lethenteron appendix</i> Counties of occurrence: Colbert, Franklin, Limestone	American brook lamprey	G4	S1			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## *Invertebrates*

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

#### **ORDER UNIONOIDA - Freshwater Mussels**

##### **Family Margaritiferidae - Margaritifids (Pearl Mussels)**

*Cumberlandia monodonta* spectaclecase G3 S1 LE SP P1  
 Counties of occurrence: Colbert, Lauderdale, Limestone, Madison, Morgan

*Margaritifera marrianae* Alabama pearlshell<sup>7</sup> G1 S1 LE SP P1  
 Counties of occurrence: Conecuh, Crenshaw, Escambia, Marion<sup>4</sup>, Monroe, Wilcox

##### **Family Unionidae - Unionids (River Mussels)**

*Actinonaias ligamentina* mucket G5 S2 PSM P1  
 Counties of occurrence: Colbert<sup>4</sup>, Jackson<sup>4</sup>, Lauderdale, Limestone<sup>4</sup>, Morgan<sup>4</sup>

*Actinonaias pectorosa* pheasantshell G4 SX PSM EX  
 Counties of occurrence: Colbert<sup>4</sup>, Jackson<sup>4</sup>, Lauderdale, Limestone<sup>4</sup>

*Alasmidonta marginata* elktoe G4 S1 PSM P1  
 Counties of occurrence: Colbert<sup>4</sup>, Franklin<sup>4</sup>, Jackson, Lauderdale<sup>4</sup>, Madison<sup>4</sup>

*Alasmidonta triangulata* southern elktoe G1Q S1 UR PSM P1  
 Counties of occurrence: Russell

*Alasmidonta viridis* slippershell mussel G4G5 S1 SP P1  
 Counties of occurrence: Jackson, Madison

*Amblema elliottii* Coosa fiveridge G3 S3 PSM  
 Counties of occurrence: Calhoun, Cherokee, Coosa, Elmore, Etowah, Jefferson, Shelby, St. Clair, Talladega, Tuscaloosa, Walker

*Anodonta hartfieldorum* cypress floater G4 S1 PSM  
 Counties of occurrence: Baldwin, Covington, Escambia

*Anodonta suborbiculata* flat floater G5 S3 PSM  
 Counties of occurrence: Calhoun, Cherokee, Colbert, Covington, Dallas, Etowah, Lauderdale, Limestone, Madison, Monroe, Morgan, St. Clair, Talladega, Wilcox

*Arcidens confragosus* rock pocketbook G4 S3 PSM  
 Counties of occurrence: Baldwin, Choctaw, Colbert, Dallas, Elmore, Greene, Hale, Lauderdale, Pickens, Sumter, Tuscaloosa, Wilcox

*Cyprogenia stegaria* fanshell G1Q S1 LE SP P1  
 Counties of occurrence: Colbert, Jackson<sup>4</sup>, Lauderdale, Limestone<sup>4</sup>, Madison<sup>4</sup>, Marshall<sup>4</sup>, Morgan<sup>4</sup>

*Dromus dromas* dromedary pearlymussel G1 SX LE-XN<sup>37</sup> SP EX  
 Counties of occurrence: Colbert<sup>4</sup>, Jackson<sup>4</sup>, Lauderdale<sup>4</sup>, Limestone<sup>4</sup>, Madison<sup>4</sup>, Marshall<sup>4</sup>, Morgan<sup>4</sup>

*Elliptio arca* Alabama spike G2G3Q S2 UR PSM P1  
 Counties of occurrence: Blount, Calhoun, Chambers, Cherokee, Chilton, Choctaw, Clarke, Cleburne, Coosa, Dallas, Etowah, Greene, Jefferson, Lamar, Marengo, Monroe, Pickens, Randolph, Shelby, St. Clair, Talladega, Tuscaloosa, Washington, Winston

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>37</sup> Listed Endangered range wide by USFWS except where listed as Experimental Population, Nonessential; XN - Experimental Population, Non-Essential: AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama. This species was extirpated from Alabama until a trial transplant of 80 individuals was conducted in 2003. The pilot population survived at least 10 years but suitable hosts are unavailable.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Elliptio arctata</i>	delicate spike	G2G3Q	S2	UR	PSM	P2
	Counties of occurrence: Barbour, Blount, Calhoun, Cherokee, Cleburne, Coffee, Dale, DeKalb, Etowah, Geneva, Greene, Jefferson, Monroe, Pickens, Pike, Randolph, Shelby, St. Clair, Talladega, Tuscaloosa, Wilcox, Winston					
<i>Elliptio chipolaensis</i>	Chipola slabshell	G1	S1	LT	SP	P1
	Counties of occurrence: Houston					
<i>Elliptio dilatata</i>	spike	G5	S1		PSM	P1
	Counties of occurrence: Colbert, Jackson, Lauderdale, Lawrence <sup>4</sup> , Limestone, Madison, Marshall, Morgan					
<i>Elliptio fraterna</i>	brother spike	G1	SX	UR	PSM	EX
	Counties of occurrence: Russell <sup>4</sup>					
<i>Elliptio fumata</i>	Gulf slabshell	G4	S3		PSM	
	Counties of occurrence: Barbour, Houston, Lee, Russell					
<i>Elliptio mcMichaeli</i>	fluted elephantear	G3	S2		PSM	
	Counties of occurrence: Barbour, Coffee, Conecuh, Covington, Dale, Geneva, Henry, Houston, Pike					
<i>Elliptio nigella</i>	winged spike <sup>38</sup>	G1	SX		PSM	EX
	Counties of occurrence <sup>4</sup> : Russell, Houston					
<i>Elliptio purpurella</i>	inflated spike	G2	S1	UR	PSM	P1
	Counties of occurrence: Houston, Russell <sup>4</sup>					
<i>Elliptioideus sloatianus</i>	purple bankclimber	G2	S1	LT	SP	P1
	Counties of occurrence: Houston <sup>4</sup> , Lee					
<i>Epioblasma ahlstedti</i>	Duck River dartersnapper	G1	SH	LE <sup>39</sup>	SP	EX
	Counties of occurrence <sup>4</sup> : Colbert, Lauderdale					
<i>Epioblasma brevidens</i>	Cumberlandian combshell	G1	S1	LE-XN <sup>40</sup>	SP	P1
	Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson <sup>4</sup> , Lauderdale <sup>4</sup> , Morgan <sup>4</sup>					
<i>Epioblasma capsaeformis</i>	oyster mussel	G1	SX	LE-XN <sup>38</sup>	SP	EXCAU
	Counties of occurrence <sup>4</sup> : Colbert, Franklin, Jackson, Lauderdale, Limestone, Madison, Marshall, Morgan					
<i>Epioblasma florentina</i>	yellow blossom	G1	SX	LE-XN <sup>41</sup>	SP	
	Counties of occurrence <sup>4</sup> : Colbert, Lauderdale, Madison, Marshall					
<i>Epioblasma metastriata</i>	upland combshell	GH <sup>42</sup>	SX	LE	SP	
	Counties of occurrence <sup>4</sup> : Bibb, Blount, Calhoun, Cherokee, Chilton, Coosa, Cullman, Etowah, Jefferson, Shelby, St. Clair, Talladega, Tuscaloosa, Walker					
<i>Epioblasma obliquata</i>	catspaw	G1	SX	LE-XN <sup>40</sup>	SP	EX
	Counties of occurrence <sup>4</sup> : Lauderdale, Colbert					
<i>Epioblasma othcaloogensis</i>	southern acornshell	GHQ <sup>41</sup>	SX	LE	SP	EXCAU
	Counties of occurrence <sup>4</sup> : Cherokee, Etowah, Shelby, St. Clair, Talladega					

<sup>4</sup> Historic occurrence.

<sup>38</sup> *Elliptio nigella* was thought to be extinct until it was recently rediscovered in the Flint River in Georgia.

<sup>39</sup> *Epioblasma capsaeformis* was listed as endangered under the Endangered Species Act in 1997, including the Duck River population. The Duck River population was described as a new species, *E. ahlstedti*, by Jones and Neves in 2010.

<sup>40</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN Experimental Population, Non-Essential: AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>41</sup> Both subspecies of *Epioblasma florentina* that occurred in Alabama (*E. florentina florentina* and *E. florentina walkeri*) were listed endangered rangewide by the USFWS. In 2001, *E. florentina florentina* was included on a list of species approved for a Nonessential Experimental Population in Wilson Dam tailwaters of the Tennessee River, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>42</sup> Possibly extinct.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Epioblasma penita</i>	southern combshell	G1	S1	LE	SP	
Counties of occurrence: Autauga <sup>4</sup> , Dallas <sup>4</sup> , Elmore <sup>43</sup> , Greene <sup>4</sup> , Lamar, Lowndes <sup>4</sup> , Marengo <sup>4</sup> , Monroe <sup>4</sup> , Pickens <sup>4</sup> , St. Clair <sup>4</sup> , Sumter <sup>4</sup> , Talladega <sup>4</sup> , Wilcox <sup>4</sup>						
<i>Epioblasma triquetra</i>	snuffbox	G3	S1	LE	PSM	P1
Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>						
<i>Fusconaia burkei</i>	tapered pigtoe	G2G3	S2	LT	SP	P2
Counties of occurrence: Barbour, Coffee, Dale, Geneva, Henry, Pike						
<i>Fusconaia cor</i>	shiny pigtoe	G1	S1	LE-XN <sup>40</sup>	SP	P1
Counties of occurrence: Colbert <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Madison, Marshall						
<i>Fusconaia cuneolus</i>	finerayed pigtoe	G1	S1	LE-XN <sup>40</sup>	SP	P1
Counties of occurrence: Colbert <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>						
<i>Fusconaia escambia</i>	narrow pigtoe	G2	S2	LT	SP	P2
Counties of occurrence: Butler, Conecuh, Covington, Crenshaw, Escambia, Pike						
<i>Fusconaia subrotunda</i>	longsolid	G3	S1	UR	PSM	P1
Counties of occurrence: Colbert, Jackson, Lauderdale, Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>						
<i>Glebula rotundata</i>	round pearlshell	G4G5	S2		PSM	
Counties of occurrence: Baldwin, Choctaw, Clarke, Escambia, Mobile, Washington						
<i>Hamiota altilis</i> <sup>44</sup>	finelined pocketbook	G2G3	S2	LT	SP	P2
Counties of occurrence: Bibb, Blount, Calhoun, Cherokee, Chilton, Clay, Cleburne, Coosa, Dallas, Elmore, Etowah, Jefferson, Lee, Macon, Monroe, Perry, Shelby, St. Clair, Talladega, Wilcox						
<i>Hamiota australis</i> <sup>41</sup>	southern sandshell	G2G3	S2	LT	SP	P2
Counties of occurrence: Barbour, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Pike						
<i>Hamiota perovalis</i> <sup>41</sup>	orangenacre mucket	G2	S2	LT	SP	P2
Counties of occurrence: Bibb, Blount, Choctaw, Dallas, Fayette, Greene, Jefferson, Lamar, Lawrence, Marion, Monroe, Pickens, Shelby, Sumter, Tuscaloosa, Winston						
<i>Hamiota subangulata</i> <sup>41</sup>	shinyrayed pocketbook	G2	S1	LE	SP	P1
Counties of occurrence: Barbour <sup>4</sup> , Houston, Lee, Russell						
<i>Hemistena lata</i>	cracking pearlymussel	G1	S1	LE-XN <sup>39</sup>	SP	P1
Counties of occurrence: Colbert <sup>4</sup> , Lauderdale <sup>4</sup> , Limestone						
<i>Lampsilis abrupta</i>	pink mucket	G2	S1	LE	SP	P1
Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Lawrence <sup>4</sup> , Limestone, Madison, Marshall, Morgan						
<i>Lampsilis fasciola</i>	wavyrayed lampmussel	G5	S2		PSM	
Counties of occurrence: Colbert, Franklin, Lauderdale, Lawrence <sup>4</sup> , Limestone, Jackson, Madison, Marshall						
<i>Lampsilis floridensis</i>	Florida sandshell	G4	S2		PSM	
Counties of occurrence: Barbour, Butler, Covington, Crenshaw, Dale, Escambia, Geneva, Houston, Lee, Pike, Russell						

<sup>4</sup> Historic occurrence.

<sup>40</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN Experimental Population, Non-Essential: AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>41</sup> Possibly extinct.

<sup>43</sup> An effort to reestablish *Epioblasma penita* into the Coosa River in the tailwaters below Jordan Dam was initiated in 2005.

<sup>44</sup> Species in the genus *Hamiota* were previously considered to be in the genus *Lampsilis*. Species listed under the Endangered Species Act were listed under the genus *Lampsilis*. Roe and Hartfield (2005) placed these four species in the new genus *Hamiota*. The U.S. Fish and Wildlife Service still uses *Lampsilis* on their website except for *Hamiota australis*.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Lampsilis ovata</i>	pocketbook Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale, Limestone, Madison, Marshall, Morgan	G5	S2		PSM	
<i>Lampsilis virescens</i>	Alabama lampmussel Counties of occurrence: Colbert <sup>4</sup> , Franklin, Jackson, Lauderdale <sup>4</sup> , Madison <sup>4</sup>	G1	S1	LE-XN <sup>39</sup>	SP	P1
<i>Lasmigona alabamensis</i>	Alabama heelsplitter Counties of occurrence: Autauga, Bibb, Blount, Calhoun, Cherokee, Chilton, Coosa, Dallas, Elmore, Etowah, Greene, Jefferson, Lamar, Lowndes, Macon, Montgomery, Perry, Pickens, Shelby, St. Clair, Sumter, Talladega	G3	S3		PSM	
<i>Lasmigona complanata</i>	white heelsplitter Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G5	S2		PSM	
<i>Lasmigona costata</i>	flutedshell Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone, Madison, Marshall	G5	S2		PSM	
<i>Lasmigona etowaensis</i>	Etowah heelsplitter Counties of occurrence: Calhoun, Cherokee, Chilton, Cleburne, Coosa, Etowah, Jefferson, Shelby, St. Clair, Talladega	G3	S2		PSM	P2
<i>Lasmigona holstonia</i>	Tennessee heelsplitter Counties of occurrence: Jackson	G3	S1	UR	PSM	P2
<i>Lasmigona subviridis</i>	green floater Counties of occurrence: Russel <sup>4</sup>	G3	SX	UR	PSM	EX
<i>Lemiox rimosus</i>	birdwing pearlymussel Counties of occurrence: Colbert <sup>4</sup> , Jackson <sup>4</sup> , Lauderdale <sup>4</sup> , Madison <sup>4</sup> , Morgan <sup>4</sup>	G1	SX	LE-XN <sup>45</sup>	SP	EX
<i>Leptodea leptodon</i>	scaleshell Counties of occurrence <sup>4</sup> : Colbert, Lauderdale	G1G2	SX	LE	SP	EX
<i>Ligumia recta</i>	black sandshell Counties of occurrence: Bibb <sup>4</sup> , Calhoun <sup>4</sup> , Cherokee <sup>4</sup> , Colbert, Dallas <sup>4</sup> , Elmore <sup>4</sup> , Etowah <sup>4</sup> , Greene, Hale <sup>4</sup> , Jackson, Jefferson <sup>4</sup> , Lauderdale, Lawrence <sup>4</sup> , Limestone, Lowndes <sup>4</sup> , Macon <sup>4</sup> , Madison, Marshall, Monroe <sup>4</sup> , Montgomery <sup>4</sup> , Morgan, Perry <sup>4</sup> , Pickens, Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Sumter <sup>4</sup> , Talladega <sup>4</sup> , Tuscaloosa <sup>4</sup> , Wilcox <sup>4</sup>	G4G5	S2		PSM	P2
<i>Ligumia subrostrata</i>	Pondmussel Counties of occurrence: Dallas <sup>4</sup> , Hale, Mobile, Pickens	G5	S2		PSM	
<i>Medionidus acutissimus</i>	Alabama moccasinshell Counties of occurrence: Greene, Lamar, Lawrence, Pickens, Shelby, Tuscaloosa, Winston	G2	S2	LT	SP	P1
<i>Medionidus conradicus</i>	Cumberland moccasinshell Counties of occurrence: Colbert, Jackson, Lauderdale <sup>4</sup> , Madison <sup>4</sup> , Marshall <sup>4</sup>	G3G4	S1	UR	SP	P1
<i>Medionidus parvulus</i>	Coosa moccasinshell Counties of occurrence <sup>4</sup> : Bibb, Blount, Calhoun, Cherokee, Etowah, Jefferson, Shelby, St. Clair, Talladega, Winston	G1Q	SX	LE	SP	EXCAU
<i>Medionidus penicillatus</i>	Gulf moccasinshell	G2	S1	LE	SP	P1

<sup>4</sup> Historic occurrence.

<sup>39</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN - Experimental Population, Non-Essential; AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>45</sup> Listed Endangered range wide (as *Conradilla caelata*) by USFWS except where listed as Experimental Population, Nonessential; XN - Experimental Population, Non-Essential; AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama. This species was extirpated from Alabama until a trial transplant of 80 individuals in Wilson Dam tailwaters was conducted in 2003. The pilot population survived at least 10 years but suitable hosts are limited.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
	Counties of occurrence: Houston, Russell <sup>4</sup>					
<i>Obovaria arkansasensis</i>	southern hickorynut	G2	S2		PSM	P1
	Counties of occurrence: Bibb <sup>4</sup> , Fayette, Greene, Lamar, Marengo <sup>4</sup> , Marion, Monroe <sup>4</sup> , Pickens, Shelby <sup>4</sup> , Sumter, Tuscaloosa					
<i>Obovaria choctawensis</i>	Choctaw bean	G2	S2	LE	SP	P2
	Counties of occurrence: Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Pike					
<i>Obovaria olivaria</i>	hickorynut	G4	SX		PSM	EX
	Counties of occurrence <sup>4</sup> : Colbert, Lauderdale, Limestone, Madison, Marshall, Morgan					
<i>Obovaria retusa</i>	ring pink	G1	SX	LE	SP	EX
	Counties of occurrence <sup>4</sup> : Colbert, Jackson, Lauderdale, Limestone, Madison, Marshall, Morgan					
<i>Obovaria subrotunda</i>	round hickorynut	G4	S2	UR	PSM	P1
	Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>					
<i>Obovaria unicolor</i>	Alabama hickorynut	G3	S2	UR	PSM	P2
	Counties of occurrence: Autauga <sup>4</sup> , Bibb <sup>4</sup> , Choctaw, Clarke <sup>4</sup> , Dallas <sup>4</sup> , Elmore <sup>4</sup> , Etowah <sup>4</sup> , Greene, Jefferson <sup>4</sup> , Lamar, Lowndes <sup>4</sup> , Marion, Montgomery <sup>4</sup> , Perry, Pickens, Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Sumter, Talladega <sup>4</sup> , Tuscaloosa, Walker <sup>4</sup> , Washington <sup>4</sup> , Wilcox <sup>4</sup>					
<i>Pegias fabula</i>	littleneck pearlymussel	G1	SX	LE	SP	EX
	Counties of occurrence <sup>4</sup> : Lauderdale, Limestone					
<i>Plethobasus cicatricosus</i>	white wartyback	G1	S1	LE	SP	P1
	Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Madison <sup>4</sup> , Marshall <sup>4</sup> , Morgan <sup>4</sup>					
<i>Plethobasus cooperianus</i>	orange-foot pimpleback	G1	SX	LE	SP	EX
	Counties of occurrence <sup>4</sup> : Colbert, Jackson, Lauderdale, Limestone, Madison, Marshall, Morgan					
<i>Plethobasus cyphus</i>	sheepnose	G3	S1	LE	SP	P1
	Counties of occurrence: Colbert, Jackson, Lauderdale, Limestone <sup>4</sup> , Madison, Marshall, Morgan					
<i>Pleurobema athearni</i>	Canoe Creek pigtoe <sup>7</sup>	G1	S1	UR	PS	P1
	Counties of occurrence: St. Clair					
<i>Pleurobema beadleianum</i>	Mississippi pigtoe	G3	S1		PSM	P1
	Counties of occurrence: Washington					
<i>Pleurobema clava</i>	clubshell	G1G2	SX	LE-XN <sup>39</sup>	SP	EX
	Counties of occurrence: Colbert, Jackson, Lauderdale, Madison, Morgan					
<i>Pleurobema cordatum</i>	Ohio pigtoe	G4	S2		PSM	P1
	Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Limestone, Madison, Marshall, Morgan					
<i>Pleurobema curtum</i>	black clubshell	GH <sup>41</sup>	SX	LE	SP	
	Counties of occurrence: Pickens <sup>4</sup>					
<i>Pleurobema decisum</i>	southern clubshell	G2	S2	LE	SP	P2
	Counties of occurrence: Bibb, Calhoun, Cherokee, Chilton, Choctaw, Clarke, Cleburne, Coosa, Dallas, Elmore, Etowah, Greene, Jefferson, Lamar, Lee, Macon, Marion, Monroe, Montgomery, Perry, Pickens, Shelby, St. Clair, Sumter, Talladega, Tuscaloosa, Walker, Washington, Wilcox, Winston					

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>39</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN Experimental Population, Non-Essential; AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>41</sup> Possibly extinct.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Pleurobema georgianum</i>	southern pigtoe	G1	S1	LE	SP	P1
Counties of occurrence: Calhoun, Cherokee, Clay, Cleburne, Coosa, Etowah, Shelby, St. Clair, Talladega						
<i>Pleurobema hanleyianum</i>	Georgia pigtoe	G1	SX	C	SP	P1
Counties of occurrence <sup>4</sup> : Cherokee, Clay, Etowah, St. Clair						
<i>Pleurobema hartmanianum</i>	Cherokee pigtoe	G1	SX		PSM	EX
Counties of occurrence <sup>4</sup> : Cherokee, Elmore, Etowah, Shelby, Talladega						
<i>Pleurobema oviforme</i>	Tennessee clubshell	G2G3	S1	UR	PSM	P1
Counties of occurrence: Colbert <sup>4</sup> , Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall						
<i>Pleurobema perovatum</i>	ovate clubshell	G1	S1	LE	SP	P1
Counties of occurrence: Autauga <sup>4</sup> , Bibb, Blount, Cherokee, Choctaw <sup>4</sup> , Clarke <sup>4</sup> , Cullman, Dallas <sup>4</sup> , Elmore <sup>4</sup> , Etowah, Fayette <sup>4</sup> , Greene, Jefferson <sup>4</sup> , Lamar, Lee, Macon, Marion <sup>4</sup> , Monroe <sup>4</sup> , Perry, Pickens, Shelby <sup>4</sup> , St. Clair, Sumter, Tuscaloosa, Walker, Wilcox <sup>4</sup> , Winston						
<i>Pleurobema plenum</i>	rough pigtoe	G1	S1	LE	SP	P1
Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Lawrence <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan						
<i>Pleurobema pyriforme</i>	oval pigtoe	G2	S1	LE	SP	P1
Counties of occurrence: Houston, Lee <sup>4</sup> , Russell <sup>4</sup>						
<i>Pleurobema rubellum</i>	warrior pigtoe <sup>7</sup>	G1G2	S1	LE <sup>46</sup>	SP	P1
Counties of occurrence: Cullman <sup>4</sup> , Fayette, Jefferson <sup>4</sup> , Lawrence, Shelby <sup>4</sup> , Tuscaloosa, Winston						
<i>Pleurobema rubrum</i>	pyramid pigtoe	G2G3	S1	UR	SP	P1
Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Limestone <sup>4</sup> , Madison, Marshall, Morgan						
<i>Pleurobema sintoxia</i>	round pigtoe	G4G5	S1		SP	P1
Counties of occurrence: Colbert, Jackson <sup>4</sup> , Lauderdale, Limestone, Madison, Marshall, Morgan						
<i>Pleurobema stabile</i>	Coosa pigtoe	G1	SX		PSM	P1
<i>Pleurobema strodeanum</i>	fuzzy pigtoe	G2	S2	LT	SP	P2
Counties of occurrence: Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Pike						
<i>Pleurobema taitianum</i>	heavy pigtoe	G1	S1	LE	SP	P1
Counties of occurrence: Choctaw, Clarke <sup>4</sup> , Dallas, Elmore <sup>4</sup> , Greene <sup>4</sup> , Jefferson <sup>4</sup> , Marengo, Monroe <sup>4</sup> , Montgomery <sup>4</sup> , Pickens <sup>4</sup> , Sumter <sup>4</sup> , Walker <sup>4</sup> , Washington <sup>4</sup> , Wilcox <sup>4</sup>						
<i>Pleuonaia barnesiana</i>	Tennessee pigtoe	G2G3	S1	UR	PSM	P2
Counties of occurrence: Colbert <sup>4</sup> , Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone, Madison, Marshall						
<i>Pleuonaia dolabelloides</i>	slabside pearlymussel	G2	S1	LE	SP	P1
Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>						
<i>Potamilus inflatus</i>	inflated Heelsplitter	G1G2Q	S1S2	LT	SP	P2
Counties of occurrence: Baldwin, Choctaw, Clarke, Dallas <sup>4</sup> , Greene, Hale, Marengo, Monroe <sup>4</sup> , Perry <sup>4</sup> , Pickens, Sumter, Tuscaloosa, Washington						
<i>Potamilus ohioensis</i>	pink papershell	G5	S3		PSM	
Counties of occurrence: Colbert, Jackson, Lauderdale, Limestone, Morgan						
<i>Ptychobranhus fasciolaris</i>	kidneyshell	G4G5	S2		PSM	P1
Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Limestone, Madison, Marshall, Morgan						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>46</sup> The USFWS lists *Pleurobema furvum* as endangered under the Endangered Species Act and considers *P. rubellum* as extinct. ALNHP considers *P. furvum* a synonym of *P. rubellum* following the taxonomy used by James D. Williams, Arthur E. Bogan, and Jeffrey T. Garner in *Freshwater Mussels of Alabama & the Mobile Basin in Georgia, Mississippi, and Tennessee* (2008). Williams et al. (2008) state "A formal reconciliation of the list should replace *P. furvum* with *P. rubellum*."

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Ptychobranchnus foremanianus</i>	rayed kidneyshell	G1	S1	LE <sup>47</sup>	SP	
Counties of occurrence: Bibb, Calhoun, Cherokee, Chilton <sup>4</sup> , Cleburne, Coosa <sup>4</sup> , Elmore <sup>4</sup> , Etowah, Jefferson, Monroe <sup>4</sup> , Shelby, St. Clair, Talladega						
<i>Ptychobranchnus greenii</i>	triangular kidneyshell <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Blount, Cullman, Jefferson, Lawrence, Pickens <sup>4</sup> , Tuscaloosa, Walker, Winston						
<i>Ptychobranchnus jonesi</i>	southern kidneyshell	G1	S1	LE	SP	P1
Counties of occurrence: Barbour, Coffee, Conecuh <sup>4</sup> , Covington <sup>4</sup> , Dale, Escambia, Geneva, Henry <sup>4</sup> , Pike						
<i>Ptychobranchnus subtentus</i>	fluted kidneyshell	G2G3	SX	LE	SP	EX
Counties of occurrence <sup>4</sup> : Colbert, Jackson, Lauderdale, Limestone, Madison						
<i>Pyganodon cataract</i>	eastern floater	G5	S1		PSM	
Counties of occurrence: Barbour <sup>4</sup> , Russell, Tallapoosa						
<i>Quadrula cylindrica cylindrica</i>	rabbitsfoot	G3G4T3	S1	LT	SP	P1
Counties of occurrence: Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>						
<i>Quadrula infucata</i>	sculptured pigtoe	G3	S1		PSM	P2
Counties of occurrence: Barbour <sup>4</sup> , Chambers <sup>4</sup> , Henry <sup>4</sup> , Houston, Lee, Russell						
<i>Quadrula intermedia</i>	Cumberland monkeyface	G1	SX	LE-XN <sup>39</sup>	SP	EX
Counties of occurrence <sup>4</sup> : Colbert, Lauderdale, Limestone, Madison, Marshall						
<i>Quadrula kieneriana</i>	Coosa orb	G3Q	SX		PSM	EX
Counties of occurrence <sup>4</sup> : Chilton, Coosa, Elmore, Shelby, St. Clair, Talladega						
<i>Quadrula metanevra</i>	monkeyface	G4	S3		PSM	P2
Counties of occurrence: Autauga, Bibb, Calhoun <sup>4</sup> , Cherokee <sup>4</sup> , Clarke, Colbert, Dallas, Greene, Jackson, Lauderdale, Lawrence <sup>4</sup> , Limestone, Lowndes, Madison, Marshall, Monroe, Montgomery, Morgan, Perry, Pickens, Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Sumter, Talladega <sup>4</sup> , Washington, Wilcox						
<i>Quadrula nobilis</i>	Gulf Mapleleaf	G4	S3		PSM	
Counties of occurrence: Autauga, Clarke, Coosa, Dallas, Elmore, Greene, Jefferson, Lowndes, Macon, Monroe, Pickens, Sumter, Talladega, Tuscaloosa, Washington, Wilcox						
<i>Quadrula sparsa</i>	Appalachian monkeyface	G1	SX	LE	SP	EX
<i>Quadrula stapes</i>	stirrupshell	GH <sup>41</sup>	SX	LE	SP	
Counties of occurrence <sup>4</sup> : Dallas, Green, Lowndes, Montgomery, Pickens, Sumter						
<i>Quadrula succissa</i>	purple pigtoe	G3G4	S3		PSM	
Counties of occurrence: Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Pike						
<i>Reginaia rotulata</i>	round ebonyshell	G1	S1	LE	SP	P1
Counties of occurrence: Conecuh, Covington, Escambia						
<i>Strophitus connasaugaensis</i>	Alabama creekmussel	G3	S3		PSM	P2
Counties of occurrence: Bibb, Calhoun, Cherokee, Chilton, Clay, Cleburne, Coosa, Dallas, Elmore, Etowah, Lee, Lowndes, Macon, Monroe, Montgomery, Perry, Shelby, St. Clair, Talladega, Wilcox						
	rayed creekshell	G3	S3		PSM	P2

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>39</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN Experimental Population, Non-Essential; AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

<sup>41</sup> Possibly extinct.

<sup>47</sup> *Ptychobranchnus greenii* was listed as endangered under the federal Endangered Species Act in 1993. Williams et al. (2008) restricted its distribution to the Black Warrior and Tombigbee River systems, with the form in the remainder of the Mobile Basin recognized as *Ptychobranchnus foremanianus*. The listing of *P. greenii* includes what is now considered to be *P. foremanianus*.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Strophitus radiatus</i>						
	Counties of occurrence:	Barbour, Bullock, Butler, Dallas, Escambia, Fayette, Hale, Henry, Houston, Lamar, Macon, Marion, Monroe, Perry, Pickens, Russell, Sumter, Tuscaloosa, Wilcox				
<i>Strophitus williamsi</i>	flatwoods creekshell	GNR	S2		PSM	P2
	Counties of occurrence:	Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Pike				
<i>Strophitus subvexus</i>	southern creekmussel	G3	S3		PSM	
	Counties of occurrence:	Blount, Choctaw, , Fayette, Greene, Jefferson, Lamar, Lawrence, Marion, Pickens, Sumter, Tuscaloosa, Winston				
<i>Strophitus undulatus</i>	creeper	G5	S1		PSM	P1
	Counties of occurrence:	Colbert, Franklin <sup>4</sup> , Lauderdale <sup>4</sup> , Madison <sup>4</sup>				
<i>Toxolasma corvunculus</i>	southern purple lilliput	G1	S1		PSM	P1
	Counties of occurrence:	Bibb, Blount, Calhoun, Cherokee, Clay, Cullman, Dallas <sup>4</sup> , Etowah, Greene <sup>4</sup> , Lee <sup>4</sup> , Lowndes <sup>4</sup> , Macon <sup>4</sup> , Montgomery <sup>4</sup> , Shelby, St. Clair, Talladega, Tuscaloosa				
<i>Toxolasma cylindrellus</i>	pale lilliput	G1	S1	LE	SP	P1
	Counties of occurrence:	Jackson, Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison <sup>4</sup>				
<i>Toxolasma lividum</i>	purple lilliput	G3Q	S2	UR	PSM	
	Counties of occurrence:	Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall				
<i>Toxolasma parvum</i>	lilliput	G5	S3		PSM	
	Counties of occurrence:	Calhoun, Cherokee, Clay, Colbert, Dallas, Elmore, Etowah, Fayette, Greene, Hale, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Lee, Limestone, Lowndes, Macon, Madison, Marengo, Marshall, Monroe, Morgan, Pickens, Shelby, St. Clair, Talladega, Tallapoosa, Walker, Washington, Wilcox				
<i>Toxolasma paulus</i>	iridescent lilliput	G4G5Q	S2		PSM	
	Counties of occurrence:	Houston, Lee, Russell				
<i>Toxoloasma sp. 1</i>	Gulf lilliput	G2	S2		PSM	
	Counties of occurrence:	Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Pike				
<i>Truncilla donaciformis</i>	fawnsfoot	G5	S3		PSM	
	Counties of occurrence:	Autauga, Bibb, Blount, Calhoun, Cherokee, Colbert, Dallas, Elmore, Etowah, Franklin <sup>4</sup> , Greene, Jackson, Jefferson, Lauderdale, Limestone, Lowndes, Madison, Marshall, Monroe, Montgomery, Morgan, Perry, Pickens, Shelby, St. Clair, Sumter, Talladega, Wilcox				
<i>Truncilla truncata</i>	deertoe	G5	S1		PSM	
	Counties of occurrence:	Colbert, Franklin <sup>4</sup> , Jackson, Lauderdale, Lawrence <sup>4</sup> , Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>				
<i>Uniomerus columbensis</i>	Apalachicola pondhorn	G3	S2		PSM	
	Counties of occurrence:	Henry, Houston, Lee, Russell				
<i>Uniomerus declivis</i>	tapered pondhorn	G5Q	S3		PSM	
	Counties of occurrence:	Dallas, Lowndes, Wilcox				
<i>Utterbackia peggyae</i>	Florida floater	G3	S1		PSM	P1
	Counties of occurrence:	Dale, Geneva, Henry, Houston				
<i>Villosa iris</i>	rainbow	G5Q	S3		PSM	
	Counties of occurrence:	Colbert, Franklin, Jackson, Lauderdale, Lawrence <sup>4</sup> , Limestone, Madison, Marshall, Morgan				

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Villosa nebulosa</i>	Alabama rainbow Counties of occurrence: Bibb, Calhoun, Cherokee, Chilton, Clay, Etowah, Jefferson, Lawrence, Shelby, St. Clair, Talladega, Walker, Winston	G3	S3	UR	PSM	P2
<i>Villosa taeniata</i>	painted creekshell Counties of occurrence: Colbert <sup>4</sup> , Jackson, Lauderdale, Limestone <sup>4</sup> , Madison, Marshall, Morgan <sup>4</sup>	G4	S2		PSM	P2
<i>Villosa trabalis</i>	Cumberland bean Counties of occurrence <sup>4</sup> : Colbert, Jackson, Lauderdale, Morgan	G1	SX	LE-XN <sup>39</sup>	SP	EXCAU
<i>Villosa umbrans</i>	Coosa creekshell Counties of occurrence: Calhoun, Cherokee <sup>4</sup> , Chilton <sup>4</sup> , Clay, Coosa, Etowah <sup>4</sup> , Shelby, St. Clair, Talladega	G2	S2	UR	PSM	P2
<i>Villosa vanuxemensis</i>	mountain creekshell Counties of occurrence: Colbert, Franklin, Jackson, Lauderdale, Lawrence, Limestone, Madison, Marshall, Morgan	G4	S3		PSM	
<i>Villosa villosa</i>	downy rainbow Counties of occurrence: Conecuh, Houston, Lee	G3	S1		PSM	P1

<sup>4</sup> Historic occurrence.

<sup>39</sup> Listed Endangered range wide by USFWS except where listed as Experimental Populations, Nonessential; XN Experimental Population, Non-Essential: AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama, but no reintroductions have been made yet.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Class Gastropoda – *Gastropods (Slugs and Snails)*

### FRESHWATER SNAILS

#### ORDER ARCHITAENIOGLOSSA

##### Family Viviparidae - Live-bearing Snails

<i>Campeloma decampi</i>	slender campeloma <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Limestone, Madison <sup>4</sup>						
<i>Lioplax cyclostomaformis</i>	cylindrical lioplax	G1	S1	LE	SP	P1
Counties of occurrence: Bibb, Jefferson, Shelby						
<i>Tulotoma magnifica</i>	tulotoma snail <sup>7</sup>	G2	S2	LT	SP	P2
Counties of occurrence: Autauga, Calhoun, Coosa, Dallas, Elmore, Monroe, Shelby, St. Clair, Talladega, Wilcox						

#### ORDER BASOMMATOPHORA

##### Family Ancyliidae - Freshwater Limpets

<i>Ferrissia mcneili</i>	hood ancyliid <sup>7</sup>	G2G3	S2			
Counties of occurrence: Mobile						
<i>Rhodacmea cahawbensis</i>	Cahaba ancyliid	G1	S1	UR		P1
Counties of occurrence: Bibb, Shelby						
<i>Rhodacmea filosa</i>	wicker ancyliid <sup>7</sup>	G1	S1			P1
Counties of occurrence: Talladega						
<i>Rhodacmea hinkleyi</i>	knobby ancyliid	G2G3	SX			EX

#### ORDER HETEROSTROPHA

##### Family Valvatidae - Valvatas

<i>Valvata bicarinata</i>	two-ridge valvata	G5	S3			
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#### ORDER NEOTAENIOGLOSSA

##### Family Hydrobiidae - Pebblesnails

<i>Antrorbis breweri</i>	Manitou snail <sup>7</sup>	G1	S1	UR		P1
Counties of occurrence: DeKalb						
<i>Clappia cahabensis</i>	Cahaba pebblesnail <sup>7</sup>	G1	S1			P2
Counties of occurrence: Bibb, Shelby						
<i>Fontigens nickliniana</i>	watercress snail	G5	S1			P1
Counties of occurrence: Blount, Calhoun, Tuscaloosa						
<i>Lepyrium showalteri</i>	flat pebblesnail <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Bibb, Dallas <sup>4</sup> , Shelby, Talladega <sup>4</sup>						
<i>Marstonia angulobasis</i>	angled marstonia <sup>7</sup>	G1	S1			P2
<i>Marstonia hershleri</i>	Coosa pyrg <sup>7</sup>	G1	S1			P2
<i>Marstonia pachyta</i>	armored marstonia <sup>7</sup>	G1	S1	LE	SP	P1
Counties of occurrence: Limestone						
<i>Marstonia scalariformis</i>	moss pyrg	G1	S1		SP	P2
Counties of occurrence: Madison						
<i>Pseudotryonia grahamae</i>	Salt Spring hydrobe <sup>7</sup>	G1	S1			P1
Counties of occurrence: Clarke						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Rhaphinema dacryon</i>	teardrop snail	G5	S2			
<i>Somatogyrus aureus</i>	golden pebblesnail	G1	SH			
<i>Somatogyrus biangulatus</i> Counties of occurrence <sup>4</sup> : Colbert, Lauderdale	angular pebblesnail <sup>7</sup>	GHQ	SH			
<i>Somatogyrus constrictus</i>	knotty pebblesnail <sup>7</sup>	GHQ	SH			
<i>Somatogyrus coosaensis</i>	Coosa pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus crassus</i>	stocky pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus currierianus</i> Counties of occurrence: Madison <sup>4</sup>	Tennessee pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus decipiens</i>	hidden pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus excavatus</i> Counties of occurrence: Lauderdale <sup>4</sup>	ovate pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus georgianus</i>	Cherokee pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus humerosus</i> Counties of occurrence <sup>4</sup> : Colbert, Lauderdale	atlas pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus nanus</i>	dwarf pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus obtusus</i>	moon pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus pygmaeus</i>	pygmy pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus quadratus</i> Counties of occurrence <sup>4</sup> : Lauderdale	quadrate pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus sargenti</i>	mud pebblesnail <sup>7</sup>	GH	SH			
<i>Somatogyrus strengi</i> Counties of occurrence: Jackson, Lauderdale	rolling pebblesnail <sup>7</sup>	G1	S1			
<i>Somatogyrus substriatus</i>	Choctaw pebblesnail	GH	SH			
<i>Somatogyrus tennesseensis</i> Counties of occurrence: Lauderdale	opaque pebblesnail	G1	S1			
<i>Somatogyrus walkerianus</i> Counties of occurrence: Escambia	Gulf Coast pebblesnail	G2G3	S2			
<i>Stiobia nana</i> Counties of occurrence: Calhoun	sculpin snail <sup>7</sup>	G1	S1			P1
<b>Family Pleuroceridae - Horn, River, and Rock Snails</b>						
<i>Athearnia anthonyi</i> Counties of occurrence: Colbert, Jackson, Lauderdale, Limestone	Anthony riversnail	G1	S1	LE-XN <sup>48</sup>	SP	P1

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>48</sup> Listed Endangered range wide by USFWS except where listed as Experimental Population, Nonessential; XN – Experimental Population, Nonessential: AL - free-flowing reach of the Tennessee River below the Wilson Dam, Colbert and Lauderdale counties, Alabama.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Elimia acuta</i>	acute elimia	G2	S1	UR		
<i>Elimia alabamensis</i> Counties of occurrence: Chilton	mud elimia <sup>7</sup>	G1	S1			
<i>Elimia albanyensis</i>	black-crest elimia	G3Q	SNR			
<i>Elimia ampla</i> Counties of occurrence: Bibb, Shelby	ample elimia <sup>7</sup>	G1	S1			P2
<i>Elimia annae</i> Counties of occurrence: Butler, Conecuh, Covington, Crenshaw, Pike	rainbow elimia <sup>7</sup>	G3	S3			
<i>Elimia annettae</i> Counties of occurrence: Bibb, Shelby	lilyshoals elimia <sup>7</sup>	G1	S1	UR		P2
<i>Elimia bellacrenata</i> Counties of occurrence: Bibb <sup>4</sup> , Shelby, Tuscaloosa <sup>4</sup>	princess elimia <sup>7</sup>	G1Q	S1	UR		P1
<i>Elimia bellula</i> Counties of occurrence: Shelby, Talladega	walnut elimia <sup>7</sup>	G1Q	S1	UR		
<i>Elimia boykiniana</i> Counties of occurrence: Henry, Houston	flaxen elimia	G2Q	S2			P2
<i>Elimia broccata</i> Counties of occurrence: Calhoun	brooch elimia <sup>7</sup>	G1	S1			P1
<i>Elimia bullula</i> Counties of occurrence: Calhoun, Cleburne, Coosa, Shelby, Talladega	a freshwater snail <sup>7</sup>	G1G2Q	S1S2			
<i>Elimia caelatura</i>	rippled elimia	G3Q	S3			
<i>Elimia cahawbensis</i> Counties of occurrence: Bibb, Jefferson, Shelby, St. Clair	Cahaba elimia <sup>7</sup>	G4	S4			
<i>Elimia chiltonensis</i> Counties of occurrence: Chilton, Coosa, Shelby, St. Clair	prune elimia <sup>7</sup>	G2	S2	UR		
<i>Elimia clara</i> Counties of occurrence: Bibb, Jefferson, Shelby, St. Clair	riffle elimia <sup>7</sup>	G3	S3			
<i>Elimia clenchi</i>	slackwater elimia	G3Q	S3			
<i>Elimia cochliaris</i> Counties of occurrence: Bibb, Jefferson <sup>3</sup> , Tuscaloosa <sup>3</sup>	cockle elimia <sup>7</sup>	G1	S1	UR		P1
<i>Elimia comma</i> Counties of occurrence: Blount, Jefferson	hispid elimia <sup>7</sup>	G2	S2			
<i>Elimia crenatella</i> Counties of occurrence: Calhoun <sup>4</sup> , Chilton <sup>4</sup> , Coosa <sup>4</sup> , DeKalb <sup>4</sup> , Etowah <sup>4</sup> , Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Talladega	lacey elimia <sup>7</sup>	G1	S1	LT	SP	P1
<i>Elimia curvicostata</i> Counties of occurrence: Covington	graphite elimia	G5Q	S3			
<i>Elimia cylindracea</i>	cylinder elimia	G2	S2	UR		
<i>Elimia dickinsoni</i>	stately elimia	G5	S3			P2

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Elimia exusta</i> Counties of occurrence: Conecuh, Escambia	fire elimia <sup>7</sup>	G2	S2			P2
<i>Elimia fascinans</i>	banded elimia <sup>7</sup>	G3	S3			
<i>Elimia glarea</i> Counties of occurrence: Barbour, Coffee, Dale, Henry, Houston, Pike	gravel elimia <sup>7</sup>	G3	S3			
<i>Elimia godwini</i> Counties of occurrence: Calhoun, St. Clair, Talladega	rusty elimia <sup>7</sup>	G2G3	S2S3			
<i>Elimia haysiana</i>	silt elimia <sup>7</sup>	G3	S3		SP	
<i>Elimia hydei</i>	gladiator elimia <sup>7</sup>	G2	S2			
<i>Elimia interveniens</i> Counties of occurrence: Colbert, Lauderdale	slowwater elimia	G2	S2			
<i>Elimia lachryma</i> Counties of occurrence: Shelby, Talladega	nodulose Coosa River snail <sup>7</sup>	G1	S1	UR		P1
<i>Elimia laqueata</i> Counties of occurrence: Limestone	panel elimia	G5	S2			
<i>Elimia lecontiana</i>	rippled elimia	G2G3	SNR			
<i>Elimia melanoides</i> Counties of occurrence: Blount, Marshall	black mudalia <sup>7</sup>	G2	S2			P2
<i>Elimia mihalcikae</i>	latticed elimia <sup>7</sup>	G1	S1			
<i>Elimia nassula</i> Counties of occurrence: Colbert, Lawrence, Madison, Morgan	round-rib elimia <sup>7</sup>	G1Q	S1	UR		P1
<i>Elimia olivula</i> Counties of occurrence: Montgomery	caper elimia <sup>7</sup>	G1Q	S1			P1
<i>Elimia paupercula</i>	sooty elimia <sup>7</sup>	G3Q	S3			
<i>Elimia perstriata</i> Counties of occurrence: Lawrence, Madison	engraved elimia <sup>7</sup>	G1	S1	UR		P1
<i>Elimia pybasi</i>	spring elimia <sup>7</sup>	G2	S2			
<i>Elimia showalteri</i> Counties of occurrence: Bibb, Shelby	compact elimia <sup>7</sup>	G1Q	S1			
<i>Elimia taitiana</i> Counties of occurrence: Marengo, Monroe, Sumter, Wilcox	dented elimia <sup>7</sup>	G3Q	S3			
<i>Elimia teretria</i>	auger elimia <sup>7</sup>	G1	S1			P1
<i>Elimia ucheensis</i> Counties of occurrence: Russell	creek elimia <sup>7</sup>	G3	S3			
<i>Elimia vanuxemiana</i>	cobble elimia <sup>7</sup>	G1	S1			P1
<i>Elimia varians</i> Counties of occurrence: Bibb	puzzle elimia <sup>7</sup>	G1G2Q	S1S2			P2

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Elimia variata</i> Counties of occurrence: Bibb, Jefferson <sup>4</sup> , Shelby	squat elimia <sup>7</sup>	G1Q	S1			P2
<i>Io fluviialis</i>	spiny riversnail	G2	SX			EX
<i>Leptoxis ampla</i> Counties of occurrence: Bibb, Calhoun <sup>4</sup> , Chilton <sup>4</sup> , Shelby, St. Clair <sup>4</sup>	round rocksnail <sup>7</sup>	G2	S2	LT	SP	P2
<i>Leptoxis compacta</i> Counties of occurrence: Bibb <sup>4</sup> , Shelby	oblong rocksnail <sup>7</sup>	G1	S1	UR		P1
<i>Leptoxis formani</i> Counties of occurrence: Cherokee <sup>4</sup> , Elmore <sup>49</sup>	interrupted rocksnail	G1	SX	C	SP	EXCAU
<i>Leptoxis picta</i> Counties of occurrence: Autauga, Clarke, Dallas, Monroe, Wilcox	spotted rocksnail <sup>7</sup>	G1	S1	UR	SP	P2
<i>Leptoxis plicata</i> Counties of occurrence: Blount, Greene <sup>4</sup> , Jefferson, Tuscaloosa <sup>4</sup>	plicate rocksnail <sup>7</sup>	G1	S1	LE	SP	P1
<i>Leptoxis taeniata</i> Counties of occurrence: Calhoun, Chilton, Monroe <sup>4</sup> , Shelby, St. Clair <sup>4</sup> , Talladega	painted rocksnail <sup>7</sup>	G1	S1	LT	SP	P2
<i>Leptoxis virgata</i> Counties of occurrence: Jackson <sup>4</sup>	smooth mudalia	G2	SX			EX
<i>Lithasia armigera</i> Counties of occurrence: Colbert, Lauderdale	armored rocksnail	G3G4	S1			P2
<i>Lithasia curta</i> Counties of occurrence <sup>4</sup> : Colbert, Lauderdale	knobby rocksnail	G1	SX	UR		EX
<i>Lithasia geniculata</i> Counties of occurrence: Colbert, Lauderdale	ornate rocksnail	G3Q	S1			
<i>Lithasia lima</i> Counties of occurrence: Colbert, Lauderdale, Limestone	warty rocksnail	G2Q	S1			P2
<i>Lithasia salebrosa</i> Counties of occurrence: Colbert, Lauderdale, Limestone <sup>4</sup>	muddy rocksnail	G2G3Q	S1			P2
<i>Lithasia verrucosa</i> Counties of occurrence: Colbert, Jackson, Lauderdale, Madison, Marshall	varicose rocksnail	G4Q	S3			
<i>Pleurocera alveare</i> Counties of occurrence: Colbert, Lauderdale, Lawrence, Limestone <sup>4</sup>	rugged hornsail	G3	S1			P2
<i>Pleurocera annulifera</i>	ringed hornsail <sup>7</sup>	G3G4	S3S4			
<i>Pleurocera brumbyi</i>	spiral hornsail <sup>7</sup>	G2G3	S2S3			
<i>Pleurocera corpulenta</i> Counties of occurrence: Jackson	corpulent hornsail	G1	S1	UR		P1
<i>Pleurocera curta</i>	shortspire hornsail	G2	S1S2			
<i>Pleurocera foremani</i> Counties of occurrence: Elmore, Shelby	rough hornsail <sup>7</sup>	G1	S1	C	SP	P1
	noble hornsail	G2	S2			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

<sup>49</sup> Reintroduced in the Coosa River below Jordan Dam in 2004.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Pleurocera nobilis</i>						
	Counties of occurrence: Jackson					
<i>Pleurocera postelli</i>	broken hornsnail <sup>7</sup>	G2Q	S2			
<i>Pleurocera prasinata</i>	smooth hornsnail <sup>7</sup>	G4	S4			
	Counties of occurrence: Choctaw, Dallas, Shelby, Sumter, Washington, Wilcox					
<i>Pleurocera pyrenella</i>	skirted hornsnail <sup>7</sup>	G2	S2	UR		P2
	Counties of occurrence: Limestone, Madison, Morgan <sup>4</sup>					
<i>Pleurocera showalteri</i>	upland hornsnail	G2Q	S2			
	Counties of occurrence: Shelby, St. Clair, Talladega					
<i>Pleurocera trochiformis</i>	sulcate hornsnail	G2	S2			
<i>Pleurocera vestita</i>	brook hornsnail	G3	S2			
	Counties of occurrence: Shelby					
<i>Pleurocera walkeri</i>	telescope hornsnail	G3	S3			
	Counties of occurrence: Lauderdale					

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## TERRESTRIAL SNAILS

### ORDER STYLOMMATOPHORA - Terrestrial Snails and Slugs

#### Family Bulimulidae

*Rabdotus mooreanus* prairie rabdotus G5 SNR

#### Family Cionellidae

*Cochlicopa morseana* Appalachian pillar G5 SNR

#### Family Discidae

*Anguispira alabama* Alabama tigersnail G2 S2?

*Anguispira alternata* flamed tigersnail G5 S1S2

*Anguispira cumberlandiana* Cumberland tigersnail G3 S1S2

*Anguispira jessica* mountain disc G3G4 S1S2

*Anguispira mordax* Appalachian tigersnail G4 SNR

*Discus bryanti* sawtooth disc G3 SNR

*Discus clappi* channelled disc G1 S1

*Discus nigrimontanus* black mountain disc G4 S1?

#### Family Helicarionidae

*Dryachloa dauca* carrot glass G2 S1

#### Family Helicodiscidae

*Helicodiscus aldrichianus* burrowing coil G3 SNR

*Helicodiscus barri* raccoon coil G3G4 SNR

Counties of occurrence: Colbert, Lauderdale, Madison

*Helicodiscus fimbriatus* fringed coil G4 SNR

Counties of occurrence: Jackson, Madison

*Helicodiscus hadenoecus* cricket coil G3 SNR

Counties of occurrence: Madison

*Helicodiscus singleyanus* smooth coil G5 SX

#### Family Limacidae

*Deroceras laeve* meadow slug G5 SNR

#### Family Philomycidae

*Philomycus sellatus* Alabama mantleslug G2G3 S1?

*Philomycus togatus* toga mantleslug G5 S1?

#### Family Polygyridae

*Daedalochila fatigiata* new harmony liptooth G3 S1?

*Daedalochila subclausa* Suwannee liptooth G3 SNR

*Daedalochila troostiana* Nashville liptooth G4 SNR

*Inflectarius approximans* tight-gapped shagreen G2 S2?

*Inflectarius downieanus* dwarf globelet G3 SNR

*Inflectarius smithi* Alabama shagreen G2 S2

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Linisa texasiana</i>	Texas liptooth		G3G4	SNR		
<i>Lobosculum pustule</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>Patera sargentiana</i>	grand bladetooth <sup>7</sup>		G2	S2		
<i>Polygyra cereolus</i>	southern flatcoil		G4	SNR		
<i>Polygyra septemvolva</i>	Florida flatcoil		G5	SNR		
<i>Praticolella lawae</i>	Appalachian shrubsnail		G3	SNR		
<i>Praticolella mobiliana</i>	Choctaw shrubsnail		G3	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>	Apalachicola slitmouth		G3	SNR		
<i>Stenotrema magnafumosum</i>	Appalachian slitmouth		G4	SNR		
<i>Stenotrema maxillatum</i>	ridge-lip slitmouth		G3	SNR		
<i>Triodopsis tennesseensis</i>	budded threetooth		G4	SNR		
<i>Xolotrema fosteri</i>	bladetooth wedge		G4	SNR		
<i>Xolotrema obstrictum</i>	sharp wedge		G4	SNR		
<b>Family Punctidae</b>						
<i>Punctum blandianum</i>	brown spot		G4	SNR		
<i>Punctum smithi</i>	lamellate spot		G4	SNR		
<i>Punctum vitreum</i>	glass spot		G5	SNR		
<b>Family Pupillidae</b>						
<i>Columella edentula</i>	toothless column		G5	SNR		
<i>Columella simplex</i>	high spire column		G5Q	SNR		
<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>Pupisoma dioscoricola</i>	yam babybody		G3	SNR		
<i>Vertigo alabamensis</i>	Alabama vertigo		G3	S1S2		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Vertigo conecuhensis</i>	Conecuh vertigo		G2	S1		
<i>Vertigo gouldii</i>	variable vertigo		G5	S2S3		
Counties of occurrence: Jackson, Lauderdale, Limestone, Madison						
<i>Vertigo rugosula</i>	Striate vertigo		G4	S1		
<b>Family Strobilopsidae</b>						
<i>Strobilops hubbardi</i>	flattened pinecone		G3G4	SNR		
<b>Family Succineidae</b>						
<i>Catinella aprica</i>	diurnal ambersnail		G2	S2?		
<i>Catinella pugilator</i>	weedpatch ambersnail		G1G2	S1		
<i>Succinea forsheyi</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		G3	SNR		
<i>Succinea urbana</i>	urban ambersnail		G2G3	SNR		
Counties of occurrence: Montgomery <sup>4</sup>						
<b>Family Zonitidae</b>						
<i>Glyphyalinia cumberlandiana</i>	hill glyph		G4	SNR		
<i>Glyphyalinia latebricola</i>	stone glyph		G1G2	SNR		
Counties of occurrence: Jackson						
<i>Glyphyalinia pecki</i>	blind glyph <sup>7</sup>		G1G2	S1S2		
Counties of occurrence: Jefferson						
<i>Glyphyalinia specus</i>	hollow glyph		G4	SNR		
Counties of occurrence: Jackson						
<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		G2	SNR		
<i>Paravitrea variabilis</i>	variable supercoil		G2G3	S1?		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<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>Zonitoides elliotii</i>	green dome		G4	SNR		
<i>Zonitoides lateumbilicatus</i>	striate gloss		G3G4	SNR		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Crustaceans

### Class Malacostraca – Crabs, Krill, Pill Bugs, Shrimp, and Relatives

#### ORDER AMPHIPODA - Amphipods

##### Family Crangonyctidae

<i>Baeterrurus 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			

## Crayfish & Shrimp

#### ORDER DECAPODA - Crabs, Shrimps, and Relatives

##### Family Atyidae - Basket Shrimp

<i>Palaemonias alabamiae</i>	Alabama cave shrimp <sup>7</sup> Counties of occurrence: Madison	G1	S1	LE	SP	P1
<i>Palaemonias</i> sp.1	Tuscumbia cave shrimp <sup>7</sup> Counties of occurrence: Colbert	G1	S1			

##### Family Cambaridae - Cambarid Crayfish and Crayfishes

<i>Barbicambarus simmonsii</i>	Tennessee bottlebrush crayfish	G1G2	SNR			P1
<i>Cambarellus diminutus</i>	least crayfish Counties of occurrence: Mobile, Washington	G3	S2			P1
<i>Cambarellus lesliei</i>	angular dwarf crawfish Counties of occurrence: Baldwin <sup>4</sup> , Mobile <sup>4</sup> , Washington	G3	S2			P1
<i>Cambarellus rotatus</i>	twisted dwarf crayfish <sup>7</sup> Counties of occurrence: Green Hale, Marengo	G1	S1			
<i>Cambarellus shufeldtii</i>	Cajun dwarf crayfish Counties of occurrence: Mobile	G5	S2			P2
<i>Cambarus acanthura</i>	thornytail crayfish Counties of occurrence: Baldwin <sup>4</sup> , Blount <sup>4</sup> , Bullock <sup>4</sup> , Calhoun, Chilton, Choctaw <sup>4</sup> , Clarke <sup>4</sup> , Colbert <sup>4</sup> , Conecuh <sup>4</sup> , Crenshaw <sup>4</sup> , DeKalb, Escambia <sup>4</sup> , Etowah <sup>4</sup> , Hale <sup>4</sup> , Jefferson <sup>4</sup> , Lauderdale <sup>4</sup> , Limestone, Marengo <sup>4</sup> , Perry <sup>4</sup> , Pike <sup>4</sup> , Russell <sup>4</sup> , Shelby, St. Clair <sup>4</sup> , Talladega <sup>4</sup> , Tuscaloosa <sup>4</sup> , Washington <sup>4</sup>	G4G5	S3			
<i>Cambarus bartonii</i>	Appalachian brook crayfish Counties of occurrence <sup>4</sup> : Chambers, DeKalb, Lee	G5	S2			
<i>Cambarus cracens</i>	slenderclaw crayfish <sup>7</sup> Counties of occurrence: DeKalb <sup>4</sup> , Marshall	G1	S1	UR		P1
<i>Cambarus distans</i>	boxclaw crayfish Counties of occurrence <sup>4</sup> : DeKalb, Jackson	G5	S1			P1

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Cambarus englishi</i>	Tallapoosa crayfish Counties of occurrence: Clay, Cleburne, Randolph, Tallapoosa	G3	S2			P2
<i>Cambarus graysoni</i>	twospot crayfish Counties of occurrence: Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Madison <sup>4</sup>	G5	S3			
<i>Cambarus halli</i>	slackwater crayfish Counties of occurrence: Chambers, Clay, Cleburne, Lee, Randolph, Tallapoosa	G3G4	S3			P2
<i>Cambarus hamulatus</i>	Prickly Cave crayfish Counties of occurrence: Blount <sup>4</sup> , Jackson <sup>4</sup> , Madison, Marshall	G3	S2			P2
<i>Cambarus howardi</i>	Chattahoochee crayfish Counties of occurrence: Chambers, Lee	G3Q	S2			P2
<i>Cambarus jonesi</i>	Alabama cave crayfish <sup>7</sup> Counties of occurrence: Colbert, Lauderdale, Limestone, Madison, Marshall, Morgan	G2	S2	UR		P2
<i>Cambarus laconensis</i>	Lacon exit cave crayfish Counties of occurrence: Morgan	G1	S1			P1
<i>Cambarus longirostris</i>	longnose crayfish Counties of occurrence: Calhoun, Cherokee <sup>4</sup> , Cleburne <sup>4</sup> , DeKalb <sup>4</sup> , Lauderdale <sup>4</sup> , Madison <sup>4</sup> , St. Clair <sup>4</sup>	G5Q	S2			P2
<i>Cambarus ludovicianus</i>	painted devil crayfish Counties of occurrence: Bibb, Dallas, Jefferson, Perry, Shelby, St. Clair	G5	S2			
<i>Cambarus manningi</i>	greensaddle crayfish Counties of occurrence: Calhoun, Cherokee, Coosa, Etowah, St. Clair, Talladega	G4	S2			P2
<i>Cambarus miltus</i>	rusty grave digger Counties of occurrence: Baldwin, Covington, Escambia	G3	S2			
<i>Cambarus parvoculus</i>	mountain midget crayfish Counties of occurrence: Jackson <sup>4</sup>	G5	S1			P2
<i>Cambarus pecki</i>	phantom cave crayfish <sup>7</sup> Counties of occurrence: Colbert, Lauderdale, Morgan	G1G2	S1S2			P1
<i>Cambarus polychromatus</i>	paintedhand mudbug Counties of occurrence: Pike	G5	S1			
<i>Cambarus pyronotus</i>	fireback crayfish Counties of occurrence:	G2	S1			P1
<i>Cambarus rusticiformes</i>	depression crayfish Counties of occurrence: Jackson	G5	S1			P2
<i>Cambarus scotti</i>	Chattooga River crayfish Counties of occurrence: Calhoun, Cherokee, Cleburne, Shelby, St. Clair <sup>4</sup> , Talladega	G3	S3			
<i>Cambarus speleocoopi</i>	sweet home Alabama crayfish Counties of occurrence: Marshall	G1	S1			P2
<i>Cambarus unestami</i>	blackbarred crayfish Counties of occurrence: DeKalb, Jackson	G2	S1			
<i>Cambarus veitchorum</i>	White Spring Cave crayfish <sup>7</sup> Counties of occurrence: Limestone	G1	S1			P1
<i>Creaserinus burrisi</i>	burrowing bog crayfish Counties of occurrence: Baldwin, Mobile, Washington	G3	S1			P1

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Creaserinus byersi</i>	lavender burrowing crayfish	G4	S2			P2
	Counties of occurrence <sup>4</sup> : Baldwin, Conecuh <sup>4</sup> , Escambia <sup>4</sup> , Monroe <sup>4</sup> , Washington <sup>4</sup>					
<i>Creaserinus danielae</i>	speckled burrowing crayfish	G2	S2	UR		P2
	Counties of occurrence: Baldwin, Mobile, Perry					
<i>Creaserinus fodiens</i>	digger crayfish	G5	S3			
	Counties of occurrence: Baldwin <sup>4</sup> , Bullock <sup>4</sup> , Butler <sup>4</sup> , Choctaw <sup>4</sup> , Dallas, Lamar <sup>4</sup> , Lauderdale <sup>4</sup> , Limestone <sup>4</sup> , Macon, Marengo <sup>4</sup> , Montgomery <sup>4</sup> , Perry <sup>4</sup> , Sumter <sup>4</sup>					
<i>Creaserinus oryktes</i>	flatwoods digger	G4	S1			
	Counties of occurrence <sup>4</sup> : Baldwin, Mobile					
<i>Hobbseus prominens</i>	Prominence Riverlet crayfish	G4G5	S3			P2
	Counties of occurrence <sup>4</sup> : Chilton, Choctaw, Dallas, Greene, Hale, Marengo, Perry, Sumter					
<i>Orconectes alabamensis</i>	Alabama crayfish	G5	S3			
	Counties of occurrence: Colbert <sup>4</sup> , Franklin, Lauderdale, Lawrence, Morgan					
<i>Orconectes australis</i>	southern cave crayfish	G5	S3			
	Counties of occurrence: Jackson, Madison, Morgan					
<i>Orconectes chickasawae</i>	Chickasaw crayfish	G5	S2			
	Counties of occurrence: Bibb, Chilton, Choctaw, Clarke, Dallas, Hale, Jefferson, Pickens, Sumter <sup>4</sup> , Tuscaloosa					
<i>Orconectes cooperi</i>	Flint River crayfish	G1	S1			P2
	Counties of occurrence: Madison					
<i>Orconectes durelli</i>	saddle Crayfish	G5	S1			P2
	Counties of occurrence: Lauderdale					
<i>Orconectes forceps</i>	surgeon crayfish	G5	S3			
	Counties of occurrence: Jackson, Lauderdale, Lawrence, Limestone, Madison					
<i>Orconectes holti</i>	bimaculate crayfish <sup>7</sup>	G3Q	S3			
	Counties of occurrence: Autauga, Clarke, Conecuh, Dallas, Escambia, Hale, Lowndes, Marengo, Monroe, Montgomery, Perry, Sumter, Wilcox					
<i>Orconectes jonesi</i>	Sucarnoochee River crayfish	G3	S3	UR		
	Counties of occurrence: Autauga, Choctaw, Clarke, Greene, Marengo, Monroe, Perry <sup>4</sup> , Pickens <sup>4</sup> , Sumter					
<i>Orconectes lancifer</i>	shrimp crayfish	G5	S1			P2
	Counties of occurrence <sup>4</sup> : Baldwin, Clarke					
<i>Orconectes mirus</i>	wonderful crayfish	G4	S3			
	Counties of occurrence: Jackson, Lauderdale, Limestone, Madison					
<i>Orconectes placidus</i>	bigclaw crayfish	G5	S2			
	Counties of occurrence: Colbert, Jackson, Lawrence, Limestone, Morgan					
<i>Orconectes putnami</i>	phallic crayfish	G5	S3			
	Counties of occurrence: Lauderdale, Lawrence, Limestone, Morgan <sup>4</sup>					
<i>Orconectes sheltae</i>	Shelta Cave crayfish <sup>7</sup>	G1	S1	UR		P1
	Counties of occurrence: Madison					
<i>Procambarus bivittatus</i>	ribbon crayfish	G5	S3S4			
	Counties of occurrence <sup>4</sup> : Baldwin, Bullock, Clarke, Mobile, Monroe, Pike, Washington					
<i>Procambarus capillatus</i>	capillaceous crayfish	G3	S2			P2
	Counties of occurrence: Conecuh <sup>4</sup> , Escambia, Monroe <sup>4</sup>					

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Procambarus clemmeri</i> Counties of occurrence:	cockscomb crayfish Mobile, Washington <sup>4</sup>	G5	S2			P2
<i>Procambarus escambiensis</i> Counties of occurrence <sup>4</sup> :	Escambia crayfish Baldwin, Escambia	G2	S2			P1
<i>Procambarus evermanni</i> Counties of occurrence:	panhandle crayfish Baldwin, Mobile	G4	S3			P2
<i>Procambarus hagenianus</i> <i>hagenianus</i> Counties of occurrence:	southeastern prairie crayfish Sumter	G4G5T4	S1			P2
<i>Procambarus hayi</i> Counties of occurrence:	straightedge crayfish	G5	S1			P2
<i>Procambarus hubbelli</i> Counties of occurrence:	jackknife crayfish Covington	G4	S2			P2
<i>Procambarus hybus</i>	smoothnose crayfish	G5	S3			P2
<i>Procambarus lagniappe</i> Counties of occurrence:	lagniappe crayfish Baldwin, Pickens, Sumter, Washington	G2	S1			P2
<i>Procambarus leconteii</i> Counties of occurrence:	Mobile crayfish Mobile, Washington	G3G4	S3			P2
<i>Procambarus lewisi</i> Counties of occurrence <sup>4</sup> :	spur crayfish <sup>7</sup> Barbour, Bullock, Butler, Lowndes, Macon, Montgomery, Russell	G4	S3			P2
<i>Procambarus marthae</i> Counties of occurrence:	crisscross crayfish Dallas, Hale, Monroe, Perry	G3	S2			P2
<i>Procambarus okaloosae</i> Counties of occurrence:	Okaloosa crayfish Butler <sup>4</sup> , Covington, Escambia <sup>4</sup>	G4	S2			P2
<i>Procambarus paeninsulanaus</i> Counties of occurrence:	Peninsula crayfish Houston <sup>4</sup> , Lee	G5	S2			P2
<i>Procambarus penni</i> Counties of occurrence <sup>4</sup> :	pearl blackwater crayfish Mobile, Washington	G3	S2			
<i>Procambarus planirostris</i>	flatnose crayfish	G4	SNR			P2
<i>Procambarus shermani</i> Counties of occurrence:	Gulf crayfish Baldwin <sup>4</sup> , Mobile, Washington	G4	S2			
<i>Procambarus suttlusi</i> Counties of occurrence:	Choctawhatchee crayfish Bullock, Coffee, Dale, Geneva, Henry, Pike	G3G4	S3			
<i>Procambarus viaeviridis</i> Counties of occurrence <sup>4</sup> :	vernal crayfish Lauderdale, Tuscaloosa	G5	S1			P1
<i>Procambarus vioscai paynei</i> Counties of occurrence:	Payne's Creek crayfish Choctaw, Clarke, Greene <sup>4</sup> , Marengo, Tuscaloosa <sup>4</sup>	G5T4	S3			

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**ORDER ISOPODA - Pillbugs and Sowbugs (Isopods)**

**Family Asellidae**

<i>Caecidotea alabamensis</i>	a cave obligate isopod			G3G4	S1S2	
<i>Caecidotea bicrenata bicrenata</i>	a cave obligate isopod			G5T3T4	SNR	
<i>Caecidotea richardsonae</i>	Tennessee valley cave isopod			G5	SNR	

**Family Trichoniscidae**

<i>Miktoniscus medcofi</i>	a cave isopod			GNR	SNR	
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Counties of occurrence: Jackson, Madison, Marshall

**Class Ostracoda – Ostracods**

**ORDER PODOCOPIIDA - Fresh-water Ostracods**

**Family Entocytheridae**

<i>Dactylocythere arcuata</i>	a cave obligate shrimp			G1G2	S1S2	
<i>Dactylocythere steevesi</i>	a cave obligate shrimp			G4	SNR	

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Class Arachnida – Spiders, Scorpions, Pseudoscorpions, Harvestmen, Mites

### ORDER ARANEAE - Spiders

#### Family Ctenidae - Wandering Spiders

<i>Anahita punctulata</i>	southeastern wandering spider		G4	SNR		
Counties of occurrence: Colbert, Jackson, Madison, Marshall, Morgan						

#### Family Dictynidae - Meshweb Spiders

<i>Cicurina minima</i>	cave spider		GNR	SNR		
Counties of occurrence: Calhoun, Jefferson, Lawrence						

<i>Cicurina wiltoni</i>	a cave obligate spider		G1	S1		
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#### Family Leptonetidae - Cave Spiders

<i>Appaleptoneta barrowsi</i>	a cave spider <sup>7</sup>		G1	S1		
Counties of occurrence: Blount						

<i>Appaleptoneta credulai</i>	a cave spider <sup>7</sup>		G1	S1		
Counties of occurrence: Lauderdale						

<i>Appaleptoneta jonesi</i>	a cave spider <sup>7</sup>		G1	S1		
Counties of occurrence: Jefferson						

<i>Neoleptoneta alabama</i>	a cave spider <sup>7</sup>		GNR	S1S2		
Counties of occurrence: Calhoun, DeKalb, Marshall						

<i>Neoleptoneta archeri</i>	a spider		GNR	SH		
Counties of occurrence: Tuscaloosa <sup>4</sup>						

<i>Neoleptoneta blanda</i>	a cave spider <sup>7</sup>		GNR	SH		
Counties of occurrence: Blount <sup>4</sup>						

<i>Neoleptoneta serena</i>	a cave obligate spider <sup>7</sup>		G1G2	S1S2		
Counties of occurrence: Lauderdale						

#### Family Linyphiidae - Sheet Weaver Spiders

<i>Islandiana muma</i>	a cave spider		G1G2	S1		
Counties of occurrence: Colbert, Lawrence						

#### Family Mysmenidae - Dwarf Cobweb Spiders

<i>Maymena ambita</i>	minute cave spider		GNR	SH		
Counties of occurrence: DeKalb, Madison, Marshall						

#### Family Nesticidae - Scaffold Web Spiders

<i>Nesticus barri</i>	a cave obligate spider		G3	S3		
Counties of occurrence: Jackson, Marshall						

<i>Nesticus jonesi</i>	Cave Spring cave spider <sup>7</sup>		G1	S1		
Counties of occurrence: Morgan						

#### Family Tengellidae - Tengellid Spiders

<i>Liocranoides archeri</i>	Archer's two-clawed spider		G2	S2		
Counties of occurrence: Jackson, Madison, Marshall						

### ORDER OPILONES - Harvestmen

#### Family Ceratolasmidae

<i>Hesperonemastoma pallidimaculosa</i>	a cave obligate harvestman <sup>7</sup>		G3	S1?		
Counties of occurrence: Marshall, Morgan						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Phalangodidae</b>						
<i>Bishopella jonesi</i>	a cave obligate harvestman <sup>7</sup>		G1	S1		
Counties of occurrence: Jackson						
<i>Phalangodes appalachius</i>	a cave obligate harvestman		G3G4	SNR		
Counties of occurrence: Jackson						
<b>ORDER PSEUDOSCORPIONES - Pseudoscorpions</b>						
<b>Family Chthoniidae</b>						
<i>Aphrastochthonius pecki</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Jefferson						
<i>Aphrastochthonius tenax</i>	a cave obligate pseudoscorpion		G1G2	S1S2		
Counties of occurrence: Blount						
<i>Apochthonius russelli</i>	a cave obligate pseudoscorpion		G1	S1		
Counties of occurrence: Jackson						
<i>Tyrannochthonius alabamensis</i>	a pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Blount, Jackson						
<i>Tyrannochthonius aladdinensis</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Madison						
<i>Tyrannochthonius aralu</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Madison						
<i>Tyrannochthonius archeri</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Morgan						
<i>Tyrannochthonius attenuatus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Madison						
<i>Tyrannochthonius avernicolus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Marshall						
<i>Tyrannochthonius barri</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Marshall						
<i>Tyrannochthonius binoculatus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Jackson						
<i>Tyrannochthonius chamberlini</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Calhoun						
<i>Tyrannochthonius charon</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Jackson						
<i>Tyrannochthonius diabolus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
Counties of occurrence: Jackson						
<i>Tyrannochthonius erebicus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Jackson						
<i>Tyrannochthonius felix</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Jackson						
<i>Tyrannochthonius floridensis</i>	a pseudoscorpion		G1G2	S1S2		
Counties of occurrence: Cleburne, Hale, Lee, Marshall, Morgan						
<i>Tyrannochthonius gnomus</i>	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
Counties of occurrence: Marshall						

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Tyrannochthonius halopotamus</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion		G1	S1		
<i>Tyrannochthonius infernalis</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius jonesi</i> Counties of occurrence: Blount	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius nergal</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius orpheus</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
<i>Tyrannochthonius osiris</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius parvus</i> Counties of occurrence: Blount	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
<i>Tyrannochthonius pecki</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius pholeter</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius pluto</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
<i>Tyrannochthonius satan</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius sheltae</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius skeletonis</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius stygius</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius tartarus</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius tenuis</i> Counties of occurrence: Madison	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Tyrannochthonius torodei</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<b>Family Neobisiidae</b>						
<i>Alabamocreagris mortis</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
<i>Alabamocreagris pecki</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1G2	S1S2		
<i>Lissocreagris persephone</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Lissocreagris pluto</i> Counties of occurrence: Marshall	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Lissocreagris subatlantica</i> Counties of occurrence: Blount, Colbert, Morgan, Shelby	a pseudoscorpion		G2G4	S1S2		
<i>Microcreagris eurydice</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion <sup>7</sup>		G1	S1		
<i>Microcreagris nickajackensis</i> Counties of occurrence: Jackson	a cave obligate pseudoscorpion		G1G2	S1S2		
<i>Minicreagris pumila</i> Counties of occurrence: Blount, Jackson	a pseudoscorpion		GNR	S1S2		
<i>Novobisium ingratum</i> Counties of occurrence: Jackson	a pseudoscorpion		GNR	S1		
<i>Trisetobisium fallax</i> Counties of occurrence: Colbert, Lawrence	a pseudoscorpion		GNR	S1		

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<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Hexapods - Diplurans, Springtails, and Proturans

### Class Diplura – Diplurans

#### ORDER DIPLURA - Diplurans

##### Family Campodeidae

<i>Litocampa cookei</i>	a dipluran		G5	S1		
Counties of occurrence: Madison						
<i>Litocampa henroti</i>	a hexapod <sup>7</sup>		G1G2	S1		
Counties of occurrence: Madison						
<i>Litocampa</i> sp. 1	a cave dipluran (salamander cave)		G1	S1		
Counties of occurrence: Colbert, DeKalb, Jefferson						

### Class Elliplura – Springtails

#### ORDER COLLEMBOLA - Springtails

##### Family Entomobryidae - Slender Springtails

<i>Pseudosinella argentea</i>	a springtail		GNR	S1		
Counties of occurrence: Jefferson						
<i>Pseudosinella christianseni</i>	a cave obligate springtail		G5	S2		
Counties of occurrence: DeKalb, Jackson, Morgan						
<i>Pseudosinella collina</i>	a springtail		GNR	S1		
Counties of occurrence: Blount, Calhoun, Jackson, Jefferson						
<i>Pseudosinella folsomi</i>	a springtail		GNR	S1		
Counties of occurrence: Blount						
<i>Pseudosinella nata</i>	a cave obligate springtail <sup>7</sup>		G1	S1		
Counties of occurrence: Jefferson						
<i>Pseudosinella pecki</i>	a cave obligate springtail		G2G3	S1		
Counties of occurrence: Jackson						
<i>Pseudosinella violenta</i>	a springtail		GNR	S1		
Counties of occurrence: Blount						
<i>Sinella barri</i>	a springtail		G5	S1		
Counties of occurrence: DeKalb						
<i>Sinella caeca</i>	a springtail		GNR	S1		
Counties of occurrence: Calhoun						
<i>Tomocerus bidentatus</i>	a springtail		GNR	S2		
Counties of occurrence: Blount, Colbert, DeKalb, Jackson, Madison, Marshall						
<i>Tomocerus dubius</i>	a springtail		GNR	S1		
Counties of occurrence: DeKalb, Jackson, Madison						
<i>Tomocerus flavescens</i>	a springtail		G5?	S1		
Counties of occurrence: Blount, Jackson, Marshall						
<i>Tomocerus lamelliferus</i>	a springtail		GNR	S1		
Counties of occurrence: Jackson, Madison						
<b>Family Hypogastruridae</b>						
<i>Hypogastrura denticulate</i>	a springtail		GNR	S1		
Counties of occurrence: Jackson						

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Schaefferia alabamensis</i> Counties of occurrence: Blount, Jackson	a cave obligate springtail		G1G2	S1		
<i>Schaefferia christianseni</i> Counties of occurrence: Morgan	a cave obligate springtail <sup>7</sup>		G1	S1		
<b>Family Isotomida</b>						
<i>Folsomia candida</i> Counties of occurrence: Colbert	a springtail		GNR	S1		
<i>Folsomia</i> sp. 1 Counties of occurrence: Blount, Jackson	a springtail		GNR	S1		
<b>Family Onychiuridae</b>						
<i>Onychiurus janus</i> Counties of occurrence: Calhoun	a cave obligate springtail		G2G3	S1		
<i>Onychiurus paro</i> Counties of occurrence: Marshall	a cave obligate springtail <sup>7</sup>		G1	S1		
<b>Family Sminthuridae</b>						
<i>Arrhopalites pygmaeus</i> Counties of occurrence: Blount, Jackson, Madison, Marshall	a springtail		GNR	S2		
<i>Arrhopalites whitesidei</i> Counties of occurrence: Talladega	a springtail		GNR	S1		

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<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Class Insecta – True Insects

### ORDER COLEOPTERA - Beetles

#### Family Carabidae - Ground Beetles

<i>Anillinus valentinei</i>	a cave obligate beetle Counties of occurrence: DeKalb, Jefferson		G3G4	S1		
<i>Pseudanophthalmus alabamiae</i>	a ground beetle Counties of occurrence: DeKalb		G2	S2		
<i>Pseudanophthalmus alladini</i>	a cave obligate beetle Counties of occurrence: Jackson, Madison		G3G4	S2		
<i>Pseudanophthalmus assimilis</i>	West Wills Valley cave beetle Counties of occurrence: DeKalb		G1G2	S1		
<i>Pseudanophthalmus distinguens</i>	a ground beetle Counties of occurrence: Morgan		G1G2	S1		
<i>Pseudanophthalmus fluviatilis</i>	a cave obligate beetle Counties of occurrence: Marshall, Morgan		G3	S2		
<i>Pseudanophthalmus lodingi</i>	a ground beetle Counties of occurrence: Madison		G1G2	S1S2		
<i>Pseudanophthalmus meridionalis</i>	a cave obligate beetle Counties of occurrence: Marshall		G2	S2		
<i>Pseudanophthalmus nickajackensis</i>	Nickajack Cave beetle Counties of occurrence: Jackson		G1	S1		
<i>Pseudanophthalmus profundus</i>	a cave obligate beetle Counties of occurrence: Jackson, Madison		G2	S2		
<i>Pseudanophthalmus sequoyah</i>	Sequoyah cave beetle <sup>7</sup> Counties of occurrence: DeKalb		G1	S1		
<i>Pseudanophthalmus steevesi</i>	a cave obligate beetle <sup>7</sup> Counties of occurrence: Blount		G1G2	S1S2		
<i>Rhadine caudata</i>	a ground beetle Counties of occurrence: Blount, Colbert, DeKalb, Jackson, Jefferson, Limestone, Marshall,		G3	S2		
<i>Rhadine larvalis</i>	a beetle Counties of occurrence: Conecuh		GNR	S1		

#### Family Cerambycidae - Longhorn Beetles

<i>Dryobius sexnotatus</i>	six-banded longhorn beetle		GNR	SH		
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#### Family Cicindelidae - Tiger Beetles

<i>Cicindela blanda</i>	sandbar tiger beetle		G3G4	SNR		
<i>Cicindela dorsalis saulcyi</i>	eastern beach tiger beetle		G3G4T 2T3	SNR		
<i>Cicindela hamata lacerata</i>	coastal tiger beetle		G5T5	SNR		
<i>Cicindela lepida</i>	ghost tiger beetle		G4	SNR		
<i>Cicindela marginipennis</i>	cobblestone tiger beetle Counties of occurrence: Elmore, Perry		G2	S1		UR
<i>Cicindela nigrrior</i>	autumn tiger beetle		G2G4	S3		
<i>Cicindela waplery</i>	white sand tiger beetle		G3G4	SNR		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Dytiscidae - Predacious Diving Beetles</b>						
<i>Heterosternuta folkerti</i>	Folkerts' hydroporus diving beetle			G1G3	S1S2	
<i>Laccophilus schwarzi</i>	Schwarz' diving beetle			GNR	SNR	
<b>Family Elmidae - Riffle Beetles</b>						
<i>Stenelmis gammon</i>	Gammon's stenelmis riffle beetle			G1G3	S1S2	
<b>Family Eucnemidae - False Click Beetles</b>						
<i>Dicranopselaphus variegatus</i>	variegated false water penny beetle			G1G3	S1S3	
<b>Family Gyrinidae - Whirligig Beetles</b>						
<i>Spanglerogyrus albiventris</i>	primitive whirligig beetle			G1G3	S1S2	
<b>Family Leiodidae - Round Fungus Beetles, Small Carrion Beetles, Mammal-nest Beetles</b>						
<i>Catops gratiosa</i>	a beetle			GNR	S2	
	Counties of occurrence: Colbert, DeKalb, Jackson, Madison, Marshall, Morgan					
<i>Ptomaphagus cavernicola</i>	a cave carrion beetle			G4	S1	
	Counties of occurrence: Morgan					
<i>Ptomaphagus chromolithus</i>	a cave obligate beetle			G2G3	S2	
	Counties of occurrence: Jackson					
<i>Ptomaphagus episcopus</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Marshall					
<i>Ptomaphagus hatchi</i>	a cave obligate beetle			G3	S3	
	Counties of occurrence: Jackson, Madison					
<i>Ptomaphagus hazelae</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Jackson					
<i>Ptomaphagus julius</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Jackson					
<i>Ptomaphagus laticornis</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1	
	Counties of occurrence: Jackson, Madison					
<i>Ptomaphagus lodingi</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Madison					
<i>Ptomaphagus longicornis</i>	a cave obligate beetle <sup>7</sup>			G3G4	S2	
	Counties of occurrence: Jackson, Madison					
<i>Ptomaphagus solanum</i>	a cave obligate beetle <sup>7</sup>			G1	S1	
	Counties of occurrence: Jackson					
<i>Ptomaphagus torodei</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Jackson					
<i>Ptomaphagus valentinei</i>	a cave obligate beetle <sup>7</sup>			G3G4	S2	
	Counties of occurrence: Jackson, Marshall					
<i>Ptomaphagus walteri</i>	a cave obligate beetle <sup>7</sup>			G1G2	S1S2	
	Counties of occurrence: Blount					
<i>Ptomaphagus whiteselli</i>	a cave obligate beetle			G2G3	S1	
	Counties of occurrence: DeKalb					
<b>Family Scarabaeidae - Scarab Beetles</b>						
<i>Onthophagus polyphemi</i>	onthophagus tortoise commensal scarab beetle			GNR	SNR	

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Silphidae - Large Carrion and Burying Beetles</b>						
<i>Nicrophorus americanus</i>	American burying beetle	G2G3	SH	LE, UR <sup>50</sup>	SP	EX
<b>Family Staphylinidae - Rove Beetles</b>						
<i>Arianops ashei</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Butler					
<i>Arianops barri</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Jackson					
<i>Arianops cavernensis</i>	a cave obligate beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Marshall					
<i>Arianops clintoni</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Monroe					
<i>Arianops exera</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Jackson					
<i>Arianops folkertsi</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Walker					
<i>Arianops kingi</i>	a beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	St. Clair					
<i>Arianops steevesi</i>	a cave obligate beetle <sup>7</sup>	GNR	S1			
Counties of occurrence:	Jackson					
<i>Atheta alabama</i>	a beetle	GNR	S1			
Counties of occurrence:	Morgan					
<i>Atheta lucifuga</i>	light shunning rove beetle	G4	S2			
Counties of occurrence:	Blount, Jackson, Madison, Marshall					
<i>Batriasymmodes spelaeus</i>	a cave obligate beetle	G3G4	S3			
Counties of occurrence:	Blount, DeKalb, Jackson, Lauderdale, Lawrence, Marshall, Morgan, St. Clair., Walker, Winston					
<i>Batriasymmodes troglodytes</i>	a beetle <sup>7</sup>	G1G2	S1			
Counties of occurrence:	Butler					
<i>Batrisodes cavernosus</i>	a cave obligate beetle <sup>7</sup>	G1	S1			
Counties of occurrence:	Butler, Clarke					
<i>Batrisodes jocuvestus</i>	a cave obligate beetle <sup>7</sup>	G1	S1			
Counties of occurrence:	Madison					
<i>Batrisodes jonesi</i>	a cave obligate beetle <sup>7</sup>	G2G3	S2S3			
Counties of occurrence:	Colbert					
<i>Batrisodes lineaticollis</i>	a beetle	GNR	S1			
Counties of occurrence:	Calhoun, Conecuh					
<i>Batrisodes profundus</i>	a cave obligate beetle <sup>7</sup>	G1G2	S1S2			
Counties of occurrence:	Conecuh					
<i>Batrisodes specus</i>	a cave obligate beetle	G3G4	S2			
Counties of occurrence:	Colbert, Jackson, Madison, Marshall					
<i>Batrisodes subterraneus</i>	a cave obligate beetle	G1	S1			
Counties of occurrence:	Marshall					

<sup>7</sup> Alabama endemic.

<sup>50</sup> On 16 March 2016, the U.S. Fish & Wildlife Service published a 90-day finding in the Federal Register indicating that delisting *Nicrophorus americanus* may be warranted based on a lack of threats under any of the five listing factors, and initiated a status review to determine if delisting is warranted.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Batrisodes tumoris</i> Counties of occurrence: Colbert	a beetle <sup>7</sup>		G1	S1		
<i>Batrisodes valentinei</i> Counties of occurrence: Jackson, Madison, Morgan	a cave obligate beetle		G2G4	S2		
<i>Lesteva pallipes</i> Counties of occurrence: Jackson, Madison, Marshall	a beetle		GNR	S1		
<i>Quedius erythrogaster</i> Counties of occurrence: Blount, Colbert, Jackson, Madison, Marshall	a beetle		GNR	S3		
<i>Quedius fulgidis</i> Counties of occurrence: Calhoun	a beetle		GNR	S1		
<i>Speleobama vana</i> Counties of occurrence: Jefferson	a cave obligate beetle <sup>7</sup>		G1	S1		
<i>Speleocheilus croceus</i> Counties of occurrence: Madison	a cave obligate beetle <sup>7</sup>		G1G2	S1S2		
<i>Speleocheilus stygicus</i> Counties of occurrence: Madison	a cave obligate beetle <sup>7</sup>		G1G2	S1S2		
<i>Speleocheilus synstygicus</i> Counties of occurrence: Madison	a cave obligate beetle <sup>7</sup>		G1	S1		
<i>Subterrochus eurous</i> Counties of occurrence: Jackson	a cave obligate beetle <sup>7</sup>		G2G3	S1		
<i>Subterrochus ferus</i> Counties of occurrence: Jackson, Madison	a cave obligate beetle		G1G2	S1S2		
<i>Subterrochus steevesi</i> Counties of occurrence: Marshall	a cave obligate beetle		G4	SNR		
<i>Tmesiphorus costalis</i> Counties of occurrence: Marshall, Morgan	a beetle		GNR	SNR		
<i>Tychobythinus jonesi</i> Counties of occurrence: Colbert	a cave obligate beetle <sup>7</sup>		G1G2	S1S2		
<b>ORDER DIPTERA - True Flies</b>						
<b>Family Mycetophilidae - Fungus Gnats</b>						
<i>Rymosia triangularis</i> Counties of occurrence: Madison	a fungus gnat		GNR	S1		
<b>Family Sphaeroceridae</b>						
<i>Spelobia tenebrarum</i> Counties of occurrence: Jackson, Madison	a cave obligate fly		G5	S2		
<b>ORDER EMPHEMEROPTERA - Mayflies</b>						
<b>Family Baetiscidae</b>						
<i>Baetisca becki</i>	a mayfly		G2G3	S1		
<b>Family Behningiidae</b>						
<i>Dolania americana</i>	American sand burrowing mayfly		G4	S1		
<b>Family Ephemerellidae</b>						
<i>Serratella frisoni</i>	Frison's serratellan mayfly		G4	SH		
<b>Family Isonychiidae</b>						
<i>Isonychia berneri</i>	a mayfly		G2G3	SNR		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Oligoneuriidae</b>						
<i>Homoeoneuria cahabensis</i>	Cahaba sand-filtering mayfly	G2G3	S1S2			
<b>ORDER LEPIDOPTERA - Butterflies and Moths</b>						
<b>Family Hesperidae - Skippers</b>						
<i>Amblyscirtes alternata</i>	dusky roadside-skipper	G2G3	S2S3			
<i>Atrytone arogos arogos</i>	arogos skipper	G3T1T2	SH			
<i>Autochton cellus</i>	golden-banded skipper	G4	S2			
<i>Euphyes arpa</i>	palmetto skipper	G3G4	SNR			
<i>Euphyes dukesi dukesi</i>	Dukes' skipper	G3T3	SNR			
<i>Euphyes pilatka</i>	palatka skipper	G3G4	S3S4			
<i>Hesperia meskei</i>	Meske's skipper	G2G4	S3?			
<i>Problema byssus</i>	byssus skipper	G3G4	S2S3			
<b>Family Lycaenidae - Gossamer-winged Butterflies</b>						
<i>Callophrys hesseli</i>	Hessel's hairstreak	G3G4	SNR			
<i>Callophrys irus</i>	frosted elfin	G3	SU			
<i>Feniseca tarquinius</i>	harvester	G4	SU			
<i>Satyrium kingi</i>	King's hairstreak	G3G4	S2S3			
Counties of occurrence: Chilton						
<b>Family Noctuidae - Noctuid and Owlet Moths</b>						
<i>Pyreferra ceromatica</i>	anointed sallow moth	GU	SU			
<i>Scoliopteryx libatrix</i>	a moth	G5	S2			
Counties of occurrence: Jackson, Madison						
<b>Family Nymphalidae</b>						
<i>Chlosyne gorgone gorgone</i>	gorgone checkerspot	G5T2T3Q	S1			
<i>Enodia creola</i>	Creole pearly eye	G3G4	SU			
Counties of occurrence: Chilton						
<i>Neonympha areolata</i>	Georgia satyr	G3G4	SU			
<i>Neonympha mitchellii</i>	Mitchell's satyr	G2	S1S2	LE	SP	P1
Counties of occurrence: Bibb, Hale, Perry, Tuscaloosa						
<i>Speyeria diana</i>	Diana	G3G4	S2			
Counties of occurrence: Calhoun, Clay, Etowah						
<b>Family Pieridae - Sulphurs and Whites</b>						
<i>Pieris virginiensis</i>	West Virginia white	G3?	SNR			
Counties of occurrence: Covington, Geneva, Mobile						
<b>Family Saturniidae - Giant Silkworm Moths and Royal Moths</b>						
<i>Hemileuca maia maia</i>	Coastal Barrens buckmoth	G5T5	SNR			
<b>ORDER ODONATA - Dragonflies and Damselflies</b>						
<b>Family Coenagrionidae - Narrow-winged Damselflies, Pond Damselflies</b>						
<i>Argia plana</i>	springwater dancer	G5	S1			
Counties of occurrence: Jefferson						

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Cordulegasteridae - Biddies</b>						
<i>Cordulegaster obliqua fasciata</i>	banded spiketail	G4T3Q	S3?			
<b>Family Corduliidae - Green-eyed Skimmers</b>						
<i>Epitheca spinosa</i>	robust baskettail	G4	S2S3			
Counties of occurrence: Covington, Escambia, Tuscaloosa						
<i>Neurocordulia molesta</i>	smoky shadowdragon	G4	S3			
Counties of occurrence: Baldwin, Colbert, Elmore, Greene, Jackson, Lauderdale, Macon, Monroe, Perry, Sumter, Tuscaloosa						
<i>Somatochlora calverti</i>	Calvert's emerald	G3	S1S2	UR		
Counties of occurrence: Covington, Escambia						
<i>Somatochlora georgiana</i>	coppery emerald	G3G4	S3S4			
Counties of occurrence: Tuscaloosa						
<i>Somatochlora hineana</i>	Hine's emerald	G2G3	SH	LE	SP	P1
Counties of occurrence: Jackson <sup>3</sup>						
<i>Somatochlora provocans</i>	treetop emerald	G4	S3S4			
Counties of occurrence: Bibb, Calhoun,, Chilton, Clay, Cleburne, Covington, Dale, Escambia, Fayette, Lamar, Marengo, Monroe, Talladega, Tuscaloosa						
<b>Family Gomphidae - Clubtails</b>						
<i>Gomphus consanguis</i>	Cherokee clubtail	G3	S1S2	UR		
Counties of occurrence: Blount, St. Clair						
<i>Gomphus crassus</i>	handsome clubtail	G3G4	S3			
Counties of occurrence: Jackson, Lauderdale, Madison						
<i>Gomphus geminatus</i>	twin-striped clubtail	G3G4	S2			
Counties of occurrence: Covington, Escambia						
<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?			
<i>Gomphus quadricolor</i>	rapids clubtail	G3G4	S1			
<i>Gomphus septima</i>	Septima's clubtail	G2	S1S2	UR		
Counties of occurrence: Bibb, Tuscaloosa <sup>4</sup>						
<i>Gomphus viridifrons</i>	green-faced clubtail	G3G4	S3?			
<i>Ophiogomphus acuminatus</i>	acuminate snaketail	G3	S1S2			
<i>Ophiogomphus incurvatus alleghaniensis</i>	Allegheny snaketail	G3T2T3	S1S2	UR		
Counties of occurrence: Blount, Clay, Cleburne, Tuscaloosa						
<i>Ophiogomphus mainensis</i>	Maine snaketail	G4	SNR			
<i>Progomphus bellei</i>	Belle's sanddragon	G3	SH			
<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			

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Libellulidae - Common Skimmers</b>						
<i>Nannothemis bella</i>	elfin skimmer	G4	SNR			
<b>Family Macromiidae</b>						
<i>Macromia margarita</i>	mountain river cruiser		G3	SNR		
<b>ORDER ORTHOPTERA - Grasshoppers, Locusts, and Crickets</b>						
<b>Family Rhaphidophoridae - Camel Crickets</b>						
<i>Ceuthophilus latens</i>	a camel cricket		GNR	S1		
Counties of occurrence: Marshall						
<i>Ceuthophilus stygius</i>	a cricket		GNR	S2		
Counties of occurrence: Jackson, Madison						
<i>Euhadenoecus putaneus</i>	a cave cricket		GNR	S1		
Counties of occurrence: DeKalb, Jackson						
<b>ORDER PLECOPTERA - Stoneflies</b>						
<b>Family Capniidae – Small Winter Stoneflies</b>						
<i>Allocapnia sano</i>	Sano stonefly <sup>7</sup>		G1	S1		
Counties of occurrence: Madison						
<i>Amphinemura alabama</i>	Alabama Forestfly		G3	S2		
Counties of occurrence: Lauderdale, Limestone						
<i>Amphinemura mockfordi</i>	Tennessee forestfly		G2	S1		UR
Counties of occurrence: Madison						
<b>Family Perlidae - Common Stoneflies</b>						
<i>Beloneuria jamesae</i>	Cheaha beloneurian stonefly <sup>7</sup>		G1G2	S1S2		
Counties of occurrence: Calhoun, Clay, Cleburne, Talladega						

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Class Diplopoda – *Millipedes*

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### ORDER CHORDEUMATIDA

#### Family Cleidogonidae

<i>Pseudotremia eburnea</i>	a cave obligate millipede		G2G4		SNR	
Counties of occurrence: Jackson, Marshall						
<i>Pseudotremia minos</i>	a cave obligate millipede		G1		S1	
Counties of occurrence: Jackson						
<i>Pseudotremia nyx</i>	a cave obligate millipede <sup>7</sup>		G1		S1	
Counties of occurrence: Marshall						
<i>Pseudotremia rhadamanthus</i>	a cave obligate millipede		G1G2		SNR	

#### Family Trichopetalidae

<i>Scoterpes austrinus austrinus</i>	a cave obligate millipede		G3G4T3T4		SNR	
Counties of occurrence: DeKalb						

### ORDER JULIDA

#### Family Zosteractinidae

<i>Ameractis satis</i>	a cave obligate millipede		G2G4		SNR	
Counties of occurrence: Jackson, Marshall						

## Class Oligochaeta – *Terrestrial and Freshwater Worms*

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### ORDER BRANCHIOBDELLIDA

#### Family Branchiobdellidae

<i>Cambarincola sheltensis</i>	a cave obligate worm		G1G2		S1S2	
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<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Vascular Plants

## Ferns & Relatives

### Class Filicopsida – Ferns

#### ORDER FILICALES

#### Family Aspleniaceae - Spleenwort Family

<i>Asplenium abscissum</i>	cutleaf spleenwort		G3G4	S1		
Counties of occurrence: Jackson						
<i>Asplenium bradleyi</i>	Bradley's spleenwort		G4	S2		
Counties of occurrence: Etowah, Jackson, Talladega						
<i>Asplenium monanthes</i>	single-sorus spleenwort		G4	S1		
<i>Asplenium ruta-muraria</i>	wall rue spleenwort		G5	S1		
Counties of occurrence: Bibb, Etowah, Jackson						
<i>Asplenium scolopendrium</i> var. <i>americanum</i>	American Hart's-tongue fern		G4T3	S1	LT	
Counties of occurrence: Jackson, Morgan						
<i>Asplenium trichomanes</i>	maidenhair spleenwort		G5	S2S3		
Counties of occurrence: Etowah, Jackson, Talladega, Tuscaloosa						
<i>Asplenium tutwilerae</i>	Scott's spleenwort <sup>7</sup>		G1	S1		
Counties of occurrence: Hale						

#### Family Dryopteridaceae - Wood Fern Family

<i>Cystopteris tennesseensis</i>	Tennessee bladderfern		G5	S2		
Counties of occurrence: Jackson, Morgan						
<i>Dryopteris celsa</i>	log fern		G4	S2		
Counties of occurrence: Blount, Cherokee, Conecuh, Crenshaw, Jefferson, Lawrence, Limestone, Marion, Monroe, Montgomery, Walker						

#### Family Hymenophyllaceae - Filmy Fern Family

<i>Hymenophyllum tayloriae</i>	gorge filmy fern		G2	S1		
Counties of occurrence: Franklin, Lamar, Lawrence						
<i>Trichomanes petersii</i>	dwarf filmy-fern		G4G5	S2		
Counties of occurrence: Cleburne, DeKalb, Etowah, Fayette, Franklin, Jackson, Lamar, Lawrence, Marion, Marshall, Pickens, Tuscaloosa, Winston						

#### Family Lygodiaceae - Climbing Fern Family

<i>Lygodium palmatum</i>	climbing fern		G4	S1		
Counties of occurrence: Clay, Cleburne, DeKalb						

#### Family Osmundaceae - Royal Fern Family

<i>Osmunda claytoniana</i>	interrupted fern		G5	S1		
Counties of occurrence: Jackson						

#### Family Pteridaceae - Maidenhair Fern Family

<i>Astrolepis x integerrima</i>	hybrid cloak fern		HYB	S1		
Counties of occurrence: Bibb						

#### Family Thelypteridaceae - Marsh Fern Family

<i>Thelypteris ovata</i>	ovate marsh fern		G3G5	S3		
Counties of occurrence: Bibb, Clarke, Conecuh, Covington, Escambia, Houston, Monroe, Washington						

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Stegnogramma burksiorum</i> Counties of occurrence: Winston	Alabama streak-sorus fern <sup>7</sup>		G1	S1	LT <sup>51</sup>	
<b>ORDER MARSILEALES</b>						
<b>Family Marsileaceae - Water Clover Family</b>						
<i>Pilularia americana</i>	American pillwort		G5	S1		
<b>Class Ophioglossopsida – Succulent Ferns</b>						
<b>ORDER OPHIOGLOSSALES</b>						
<b>Family Ophioglossaceae - Adder's-tongue Family</b>						
<i>Botrychium jenmanii</i> Counties of occurrence: Baldwin, Escambia, Lee, Mobile	Alabama grapefern		G3G4	S1		
<b>Class Psilotopsida – Whiskferns</b>						
<b>ORDER PSILOTALES</b>						
<b>Family Psilotaceae - Whiskfern Family</b>						
<i>Psilotum nudum</i> Counties of occurrence: Lee	whiskfern		G5	S1		
<b>Class Isoetopsida – Quillworts &amp; Spike-moss</b>						
<b>ORDER ISOETALES</b>						
<b>Family Isoetaceae - Quillwort Family</b>						
<i>Isoetes appalachiana</i> Counties of occurrence: Butler, Conecuh, Tallapoosa	Appalachian quillwort		G4	S1		
<i>Isoetes butleri</i> Counties of occurrence: Bibb, Franklin, Lawrence, Morgan	Butler's quillwort		G4	S2		
<i>Isoetes flaccida</i> Counties of occurrence: Houston	southern quillwort		G3	S1		
<i>Isoetes hyemalis</i> Counties of occurrence: Houston	winter quillwort		G2G3	S1	UR	
<i>Isoetes louisianensis</i> Counties of occurrence: Conecuh, Monroe	Louisiana quillwort		G2G3	S1	LE	
<i>Isoetes virginica</i> Counties of occurrence: Chamber, Lee, Randolph, Tallapoosa	Piedmont quillwort		G3	S2		
<b>ORDER SELAGINELLALES</b>						
<b>Family Selaginellaceae - Spike-moss Family</b>						
<i>Selaginella arenicola</i> ssp. <i>riddellii</i> Counties of occurrence: Cullman, Franklin, Geneva, Lee, Marion, Wilcox, Winston	Riddell's spike-moss		G4T4	S2		

<sup>7</sup> Alabama endemic.

<sup>51</sup> *Thelypteris burksiorum* was listed (as *T. pilosa* var. *alabamensis*) as threatened under the federal Endangered Species Act in 1992. Watkins and Farrar (2002) elevated the Alabama variety of *T. pilosa* to specific status as *T. burksiorum*. The U.S. Fish and Wildlife Service still uses *T. pilosa* var. *alabamensis* as the species name on their website.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Selaginella ludoviciana</i>	Gulf spike-moss		G3G4	S1S2		
Counties of occurrence: Baldwin, Conecuh, Henry, Houston						
<i>Selaginella rupestris</i>	ledge spike-moss		G5	S2		
Counties of occurrence: Chambers, Franklin, Lee, Marion, Tallapoosa						

## Class Lycopodiopsida – Clubmosses

### ORDER LYCOPODALES

#### Family Lycopodiaceae - Clubmoss Family

<i>Diphasiastrum tristachyum</i>	deep-root clubmoss		G5	S1		
Counties of occurrence: Jackson						
<i>Huperzia lucidula</i>	shining clubmoss		G5	S2		
Counties of occurrence: Franklin, Lawrence, Marion, Winston						
<i>Huperzia porophila</i>	rock clubmoss		G4	S1		
Counties of occurrence: Franklin, Lawrence, Marion, Walker, Winston						
<i>Lycopodium obscurum</i>	tree clubmoss		G5	S1		

## Class Equisetopsida – Horsetails

### ORDER EQUISETALES

#### Family Equisetaceae - Horsetail Family

<i>Equisetum arvense</i>	field horsetail		G5	S2		
Counties of occurrence: Calhoun, Greene, Hale, Jackson, Jefferson, Marshall, Morgan						

## Class Monocotyledoneae – Monocots

### ORDER ALISMATALES

#### Family Alismataceae - Water-plantain Family

<i>Echinodorus parvulus</i>	dwarf burhead		G3Q	S1		
Counties of occurrence: Barbour, Covington, Dallas, Escambia, Geneva						
<i>Sagittaria isoetiformis</i>	slender arrow-head		G4?	S2		
Counties of occurrence: Covington, Henry, Houston						
<i>Sagittaria secundifolia</i>	Little River arrow-head		G1	S1	LT	
Counties of occurrence: Cherokee, Coosa, DeKalb, Winston						

#### Family Tofieldiaceae - False Asphodel Family

<i>Pleea tenuifolia</i>	rush false-asphodel		G4	S1S2		
Counties of occurrence: Baldwin, Escambia						

### ORDER ARALES

#### Family Araceae - Arum Family

<i>Peltandra sagittifolia</i>	spoon-flower		G3G4	S2		
Counties of occurrence: Baldwin, Covington, Dale, Escambia, Geneva, Mobile						

### ORDER ASPARAGALES

#### Family Amaryllidaceae - Amaryllis Family

<i>Allium speculae</i>	Little River Canyon onion		G2	S2		
Counties of occurrence: Cherokee, DeKalb, Jackson, Marshall						
<i>Allium tricoccum</i>	wild leek		G5	S1		
Counties of occurrence: Jackson, Marshall						

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Hymenocallis choctawensis</i> Counties of occurrence:	panhandle spider-lily		G3G4	S1		
<i>Hymenocallis coronaria</i> Counties of occurrence: Bibb, Blount, Chilton, Coosa, Cullman, Jefferson, Lee, Randolph, Shelby, Talladega, Tallapoosa	shoals spider-lily		G2Q	S2		
<b>Family Asparagaceae - Asparagus Family</b>						
<i>Schoenolirion croceum</i> Counties of occurrence: Bibb, Blount, Colbert, DeKalb, Franklin, Jackson, Lawrence, Madison, Morgan, Sumter	yellow sunnybell		G4	S2		
<i>Schoenolirion wrightii</i> Counties of occurrence: Cherokee, DeKalb, Etowah, Marshall	Texas sunnybell		G3	S1		
<b>ORDER COMMELINALES</b>						
<b>Family Commelinaceae - Spiderwort Family</b>						
<i>Tradescantia ernestiana</i> Counties of occurrence: DeKalb, Etowah, Jackson, Jefferson, Madison, Montgomery	Ernest's spiderwort		G3	S1		
<b>Family Xyridaceae - Yellow-eyed Grass Family</b>						
<i>Xyris chapmanii</i> Counties of occurrence: Baldwin, Covington, Escambia, Mobile	Chapman's yellow-eyed grass		G3	S1		
<i>Xyris drummondii</i> Counties of occurrence: Baldwin, Covington, Escambia, Geneva, Mobile, Washington	Drummond's yellow-eyed grass		G3	S3		
<i>Xyris isoetifolia</i> Counties of occurrence: Covington	quillwort yellow-eyed grass		G1	SH		
<i>Xyris longisepala</i> Counties of occurrence: Covington	Kral's yellow-eyed grass		G2G3	S1		UR
<i>Xyris scabrifolia</i> Counties of occurrence: Baldwin, Covington, Escambia, Houston, Mobile	Harper's yellow-eyed grass		G3	S1S2		
<i>Xyris serotina</i> Counties of occurrence: Houston	acid-swamp yellow-eyed grass		G3G4	S1		
<i>Xyris spathifolia</i> Counties of occurrence: Bibb	a yellow-eyed grass <sup>7</sup>		G1	S1		
<i>Xyris tennesseensis</i> Counties of occurrence: Bibb, Calhoun, Franklin, Shelby	Tennessee yellow-eyed grass		G2	S1		LE
<b>ORDER CYPERALES</b>						
<b>Family Cyperaceae - Sedge Family</b>						
<i>Bolboschoenus fluviatilis</i> Counties of occurrence: Morgan	river bulrush		G5	S1		
<i>Bulbostylis warei</i> Counties of occurrence: Baldwin	Ware's hairsedge		G3G4	S1		
<i>Carex acidicola</i> Counties of occurrence: Bibb, Lee, Tuscaloosa	a sedge		G2G3	S1		
<i>Carex aggregata</i> Counties of occurrence: Macon	glomerate sedge		G5	S1		
<i>Carex austrocaroliniana</i> Counties of occurrence: Jackson	South Carolina sedge		G4	S2?		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Carex baltzellii</i> Counties of occurrence: Dale, Geneva, Pike	Baltzell's sedge		G3	S1		
<i>Carex barrattii</i> Counties of occurrence: Calhoun, Dekalb, Geneva, Winston	Barratt's sedge		G4	S1		
<i>Carex brysonii</i> Counties of occurrence: Tuscaloosa, Walker, Winston	Bryson's sedge <sup>7</sup>		G1	S1		UR
<i>Carex decomposita</i> Counties of occurrence: Crenshaw, Henry, Jackson, Jefferson, Madison, Talladega	cypress-knee sedge		G3G4	S2		
<i>Carex eburnea</i> Counties of occurrence: Bibb, Greene, Jackson, Sumter	ebony sedge		G5	S2		
<i>Carex exilis</i> Counties of occurrence: Baldwin, Washington	coast sedge		G5	S1		
<i>Carex fissa</i> var. <i>aristata</i> Counties of occurrence: Barbour	hammock sedge		G4?T4?	S1		
<i>Carex godfreyi</i> Counties of occurrence: Conecuh, Houston, Montgomery	Godfrey's sedge		G3G4	S2		
<i>Carex impressinervia</i> Counties of occurrence: Autauga, Bibb, Butler, Chilton, Monroe, Russell, Wilcox	impressed-nerved sedge		G2	S1		UR
<i>Carex purpurifera</i> Counties of occurrence: Jackson, Madison, Marshall	purple sedge		G4?	S2		
<i>Carex socialis</i> Counties of occurrence: Bullock, Butler, Calhoun, Colbert, Coosa, Dallas, Greene, Jackson, Madison, Marengo, Marshall, Montgomery, Morgan	social sedge		G4	S2		
<i>Carex striata</i> Counties of occurrence: Geneva, Houston, Mobile	Walter's sedge		G4G5	S1		
<i>Carex thornei</i> Counties of occurrence: Henry, Russell	a sedge		G2G3	S1		
<i>Carex vestita</i>	velvety sedge		G5	S1		
<i>Cladium mariscoides</i> Counties of occurrence: Baldwin, Mobile	twig rush		G5	S1		
<i>Cyperus granitophilus</i> Counties of occurrence: Chambers, Cherokee, Tallapoosa	granite-loving flatsedge		G3G4Q	S2		
<i>Cyperus tetragonus</i> Counties of occurrence: Baldwin	Four-angle flatsedge		G4?	S1		
<i>Eleocharis melanocarpa</i> Counties of occurrence: Covington, Houston	black-fruited spike-rush		G4	S1		
<i>Eleocharis olivacea</i> Counties of occurrence: Mobile	capitate spikerush		G5	S1		
<i>Eleocharis robbinsii</i> Counties of occurrence: Geneva, Henry, Mobile	Robbins' spikerush		G4G5	S1		
<i>Eleocharis rostellata</i> Counties of occurrence: Baldwin, Mobile	beaked spikerush		G5	S1		
<i>Eleocharis wolfii</i> Counties of occurrence: Lauderdale	Wolf's spikerush		G3G5	S1		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Fimbristylis brevivaginata</i> Counties of occurrence: DeKalb	glade fimbristylis		G2	S1		
<i>Fimbristylis perpusilla</i> Counties of occurrence: Covington	Harper's fimbry		G2	S1		
<i>Rhynchospora alba</i> Counties of occurrence: Escambia	white beakrush		G5	S1		
<i>Rhynchospora capillacea</i> Counties of occurrence: Bibb	horned beakrush		G4	S1		
<i>Rhynchospora crinipes</i> Counties of occurrence: Baldwin, Conecuh, Covington, Escambia, Mobile, Washington	hairy-peduncled beakrush		G2	S1		UR
<i>Rhynchospora fernaldii</i> Counties of occurrence: Baldwin	Fernald's beak rush		G3G4	S1		
<i>Rhynchospora globularis</i> var. <i>saxicola</i> Counties of occurrence: Lee, Tallapoosa	Stone Mountain beakrush		G3Q	S1		
<i>Rhynchospora harperi</i> Counties of occurrence: Baldwin, Cherokee	Harper's beakrush		G4?	S1		
<i>Rhynchospora macra</i> Counties of occurrence: Covington, Mobile	southern white beak rush		G3	S1		
<i>Rhynchospora pleiantha</i> Counties of occurrence: Baldwin, Covington, Houston	brown beakrush		G2G3	S1		
<i>Rhynchospora stenophylla</i> Counties of occurrence: Baldwin, Covington, Escambia, Geneva, Mobile	Chapman beakrush		G4	S2		
<i>Rhynchospora thornei</i> Counties of occurrence: Bibb, Cherokee, Geneva	Thorne's beakrush		G3	S1		UR
<i>Rhynchospora tracyi</i> Counties of occurrence: Baldwin, Houston, Mobile	Tracy's beak rush		G4	S1		
<i>Schoenoplectus subterminalis</i> Counties of occurrence: Monroe	water bulrush		G4G5	S1		
<b>Family Poaceae - Grass Family</b>						
<i>Amphicarpum muehlenbergianum</i> Counties of occurrence: Covington, Houston	blue maiden-cane		G4	S1		
<i>Andropogon arctatus</i> Counties of occurrence: Covington, Geneva	pine-woods bluestem		G3	S1		
<i>Andropogon perangustatus</i> Counties of occurrence: Baldwin, Mobile, Covington	Elliott's beardgrass		G5T4	S1		
<i>Andropogon virginicus</i> var. <i>glaucus</i> Counties of occurrence: Covington, Houston, Mobile	beardgrass		G4T4T5	S2		
<i>Aristida mohrii</i> Counties of occurrence: Baldwin, Covington, Geneva, Mobile	Mohr's three-awn grass		G1	S1		
<i>Aristida simpliciflora</i> Counties of occurrence: Baldwin, Covington, Dale, Escambia	southern three-awned grass		G3G4	S1		
<i>Aristida spiciformis</i> Counties of occurrence: Baldwin	pine barren three-awned grass		G4	S1		
<i>Calamovilfa arcuata</i> Counties of occurrence: Blount	Cumberland sandgrass		G2G3	S1		UR

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Chasmanthium nitidum</i> Counties of occurrence: Houston, Mobile	shiny spikegrass		G3G4		S1	
<i>Coelorachis tessellata</i> Counties of occurrence: Baldwin, Butler, Covington, Escambia, Geneva, Mobile	Lattion jointgrass		G5		S1	
<i>Coelorachis tuberculosa</i> Counties of occurrence: Covington, Geneva, Houston	Florida jointgrass		G3		S1	
<i>Diarrhena americana</i> Counties of occurrence: Jackson, Madison	American beakgrain		G4G5		S2	
<i>Elymus churchii</i> Counties of occurrence: Madison	Church's wildrye		G2G3		S1	
<i>Eustachys floridana</i> Counties of occurrence: Geneva	two-spike finger grass		G2?		S1	
<i>Luziola bahiensis</i> Counties of occurrence: Baldwin	Brazilian luziola		G4G5		S1	
<i>Melica nitens</i> Counties of occurrence: Lawrence	three-flower melic grass		G5		S1	
<i>Muhlenbergia sobolifera</i> Counties of occurrence: Franklin, Jackson, Lauderdale, Madison	cliff muhly		G5		S1	
<i>Panicum lithophilum</i> Counties of occurrence: DeKalb, Lee	Swallen's panic-grass		G2G3Q		S1	
<i>Panicum nudicaule</i> Counties of occurrence: Baldwin, Covington, Escambia, Mobile, Washington	naked-stemmed panic grass		G3Q		S2	
<i>Schizachyrium maritimum</i> Counties of occurrence: Mobile	Gulf bluestem		G3G4Q		S1	
<i>Schizachyrium scoparium</i> ssp. <i>divergens</i> Counties of occurrence: Mobile	eastern little bluestem		G5T5		SH	
<i>Sporobolus curtissii</i> Counties of occurrence: Covington	pineland dropseed		G3		S1	
<i>Sporobolus floridanus</i> Counties of occurrence: Houston	Florida dropseed		G3		S1	
<i>Sporobolus teretifolius</i> Counties of occurrence: Houston	wire-leaved dropseed		G2		S1	UR
<i>Tridens carolinianus</i> Counties of occurrence: Conecuh, Covington, Escambia <sup>4</sup> , Mobile <sup>4</sup>	Carolina fluff grass		G3G4		S1	
<b>ORDER ERIOCAULALES</b>						
<b>Family Eriocaulaceae - Pipewort Family</b>						
<i>Eriocaulon aquaticum</i>	seven-angled pipewort		G5		SH	
<i>Eriocaulon lineare</i> Counties of occurrence: Covington, Houston	narrow pipewort		G4		S2	
<i>Eriocaulon texense</i> Counties of occurrence: Baldwin, Escambia, Mobile, Washington	Texas pipewort		G4		S2	
<i>Lachnocaulon digynum</i> Counties of occurrence: Baldwin, Covington, Escambia, Mobile	pineland bogbutton		G3		S2	

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Lachnocaulon engleri</i>	Engler's bogbutton			G3	S1	
Counties of occurrence: Baldwin, Covington						
<i>Lachnocaulon minus</i>	Small's bog-button			G3G4	S1?	
Counties of occurrence: Covington, Houston, Mobile						
<b>ORDER HYDROCHARITALES</b>						
<b>Family Hydrocharitaceae - Frog's-bit Family</b>						
<i>Elodea canadensis</i>	broad waterweed			G5	S1	
Counties of occurrence: Limestone, Marshall						
<b>ORDER JUNCALES</b>						
<b>Family Juncaceae - Rush Family</b>						
<i>Juncus georgianus</i>	Georgia rush			G4	S1	
Counties of occurrence: Chambers, Lee, Randolph, Tallapoosa						
<i>Juncus gymnocarpus</i>	naked-fruited rush			G4	S2	
Counties of occurrence: Covington, Dale, Geneva, Mobile						
<i>Juncus interior</i> var. <i>interior</i>	inland rush			G4T4Q	S1	
Counties of occurrence: Perry						
<i>Juncus nodatus</i>	stout rush			G5	S1	
Counties of occurrence: Blount, Covington, Crenshaw, Dallas, Greene, Jackson, Lauderdale, Lawrence, Marshall, Montgomery, Morgan, Pickens, Pike, Sumter						
<b>ORDER LILIALES</b>						
<b>Family Iridaceae - Iris Family</b>						
<i>Nemastylis geminiflora</i>	prairie pleatleaf			G4	S1	
Counties of occurrence: Greene, Pickens, Sumter						
<b>Family Liliaceae - Lily Family</b>						
<i>Erythronium albidum</i>	white trout lily			G5	S1S2	
Counties of occurrence: Franklin						
<i>Erythronium umbilicatum</i> ssp. <i>monostolum</i>	dimpled trout lily			G5T3	S1	
Counties of occurrence: Etowah						
<i>Lilium canadense</i>	Canada lily			G5	S2	
Counties of occurrence: Etowah, Jackson, Lawrence, Madison, Morgan, St. Clair						
<i>Lilium iridollae</i>	panhandle lily			G2	S1	
Counties of occurrence: Baldwin, Covington, Escambia, Geneva						
<i>Lilium michiganense</i>	Michigan lily			G5	S1	
Counties of occurrence: Colbert, Dekalb, Franklin, Lawrence, Lowndes, Madison, Pickens, Shelby						
<i>Lilium superbum</i>	Turk's-cap lily			G5	S3	
Counties of occurrence: Baldwin, Bullock, Butler, Chilton, Choctaw, Conecuh, Crenshaw, Escambia, Henry, Jackson, Macon, Madison, Marengo, Randolph, Russell, Shelby, Sumter, Tallapoosa						
<i>Prosartes maculata</i>	spotted mandarin			G3G4	S1	
Counties of occurrence: Jackson						
<b>Family Melanthiaceae - Bunchflower Family</b>						
<i>Stenanthium leimanthoides</i>	Pine Barren Deathcamas			G4Q	S1	
Counties of occurrence: Barbour, Clay, Mobile <sup>4</sup> , Monroe, Washington <sup>4</sup>						
<i>Trillium flexipes</i>	nodding trillium			G5	S2S3	
Counties of occurrence: Etowah, Jackson, Lawrence, Marshall, Morgan, Winston						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Trillium grandiflorum</i> Counties of occurrence: Jackson	large-flowered trillium		G5	S1		
<i>Trillium lancifolium</i> Counties of occurrence: Calhoun, Cherokee, Dallas, Greene, Houston, Jackson, Marengo, Montgomery, Perry, Shelby, Tuscaloosa, Wilcox	narrow-leaved trillium		G3	S2S3		
<i>Trillium pusillum</i> var. 1 Counties of occurrence: Jackson, Limestone, Madison, Marshall	Alabama least trillium		G3T2Q	S2		
<i>Trillium recurvatum</i> Counties of occurrence: Franklin, Lawrence, Morgan, Pickens	prairie trillium		G5	S2		
<i>Trillium reliquum</i> Counties of occurrence: Bullock, Henry, Lee	relict trillium		G3	S2		LE
<i>Trillium rugelii</i> Counties of occurrence: Calhoun, Clay, Coosa, Lee, Shelby, Tuscaloosa, Wilcox	southern nodding trillium		G3	S2?		
<i>Trillium sessile</i> Counties of occurrence: Blount, Cullman, Jackson, Limestone, Marshall	toadshade		G4G5	S2		
<i>Trillium sulcatum</i> Counties of occurrence: DeKalb, Jackson, Marshall	southern red trillium		G4	S1		
<i>Trillium vaseyi</i> Counties of occurrence: Lee	Vasey's trillium		G4	S1?		
<i>Veratrum hybridum</i> Counties of occurrence: Autauga <sup>4</sup> , Bibb, Coosa, Lee <sup>4</sup>	broadleaf bunchflower		G5	S1		
<i>Veratrum parviflorum</i> Counties of occurrence: Blount, Cherokee <sup>4</sup> , Cleburne, Dekalb, Jackson, Marshall	small-flowered false hellebore		G4?	S1S2		
<i>Veratrum woodii</i> Counties of occurrence: Bibb, Dale, Geneva, Henry	wood's false hellebore		G5	S1		
<i>Xerophyllum asphodeloides</i> Counties of occurrence: Calhoun	turkeybeard		G4	S1		
<b>ORDER NAJADALES</b>						
<b>Family Najadaceae - Naiad Family</b>						
<i>Najas gracillima</i> Counties of occurrence: Chambers	thread-like naiad		G5?	S1		
<b>ORDER ORCHIDALES</b>						
<b>Family Orchidaceae - Orchid Family</b>						
<i>Aplectrum hyemale</i> Counties of occurrence: Conecuh, Etowah, Lawrence	puttyroot		G5	S2		
<i>Calopogon barbatus</i> Counties of occurrence: Escambia, Mobile	bearded grass-pink		G4?	S1		
<i>Calopogon multiflorus</i> Counties of occurrence: Baldwin, Mobile	many-flowered grass-pink		G2G3	S1		
<i>Calopogon oklahomensis</i> Counties of occurrence: Baldwin	Oklahoma grass-pink		G3	S1		
<i>Corallorhiza wisteriana</i> Counties of occurrence: Bibb, Choctaw, Houston, Jackson, Lamar, Tuscaloosa	spring coralroot		G5	S2		

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Cypripedium candidum</i> Counties of occurrence: Colbert, Dallas, Lowndes	small white lady's-slipper		G4		S1	
<i>Cypripedium kentuckiense</i> Counties of occurrence: Clarke, Coosa, Hale, Lowndes, Sumter, Tallapoosa, Washington	southern lady's-slipper		G3		S1	
<i>Epidendrum magnoliae</i> Counties of occurrence: Baldwin, Barbour, Butler, Coffee, Conecuh, Covington, Dale, Escambia, Geneva, Henry, Houston, Mobile	green-fly orchid		G4		S3	
<i>Habenaria quinqueseta</i> var. <i>quinqueseta</i> Counties of occurrence: Baldwin	Michaux's orchid		G4G5T4?		S1	
<i>Isotria verticillata</i> Counties of occurrence: Bibb, Cherokee, Cleburne, DeKalb, Etowah, Jackson, Madison, Winston	large whorled pogonia		G5		S2	
<i>Liparis liliifolia</i> Counties of occurrence: Colbert, Jackson	lily-leaved twayblade		G5		S1	
<i>Liparis loeselii</i> Counties of occurrence: Lee	Loesel's twayblade		G5		S1?	
<i>Orthochilus ecristatus</i> Counties of occurrence: Baldwin, Mobile	crestless eulophia		G2		S1	
<i>Platanthera blephariglottis</i> var. <i>conspicua</i> Counties of occurrence: Escambia, Mobile	large white fringed orchid		G4G5T3T4		S1S2	
<i>Platanthera integra</i> Counties of occurrence: Baldwin, Conecuh, Escambia, Mobile	yellow fringeless orchid		G3G4		S2	
<i>Platanthera integrilabia</i> Counties of occurrence: Calhoun, Clay, Cleburne, DeKalb, Jackson, Marion, Tuscaloosa, Winston	white fringeless orchid		G2G3		S2	LT
<i>Platanthera lacera</i> Counties of occurrence: Autauga, Cleburne, Geneva, Limestone, Walker	green-fringed orchid		G5		S2	
<i>Platanthera nivea</i> Counties of occurrence: Conecuh, Covington, Escambia, Geneva, Houston, Mobile	snowy orchis		G5		S2	
<i>Platanthera peramoena</i> Counties of occurrence: Clay, Lauderdale, Madison <sup>4</sup>	purple fringeless orchid		G5		S1	
<i>Spiranthes brevilabris</i>	Texas ladies'-tresses		G1G2		SH	
<i>Spiranthes longilabris</i> Counties of occurrence: Mobile	giant spiral ladies'-tresses		G3		S1	
<i>Spiranthes lucida</i> Counties of occurrence: Bibb	shining ladies'-tresses		G5		S1	
<b>ORDER ZINGIBERALES</b>						
<b>Family Cannaceae - Canna Family</b>						
<i>Canna flaccida</i> Counties of occurrence: Baldwin, Geneva, Houston, Mobile	bandana-of-the-Everglades		G4?		S1	
<b>Family Marantaceae - Arrowroot Family</b>						
<i>Thalia dealbata</i> Counties of occurrence: Baldwin	powdery thalia		G4		S1	

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## Class Dicotyledoneae – Dicots

### ORDER APIALES

#### Family Apiaceae - Carrot Family

<i>Harperella nodosa</i>	harperella		G2	S1	LE	
Counties of occurrence: Cherokee, Cullman <sup>4</sup> , DeKalb, Tuscaloosa <sup>4</sup>						
<i>Lilaeopsis carolinensis</i>	Carolina lilaeopsis		G3G5	S1		
Counties of occurrence: Covington, Mobile						
<i>Ptilimnium costatum</i>	eastern bishop-weed		G4	S1		
Counties of occurrence: Mobile, St. Clair						
<i>Sium floridanum</i>	Florida water-parsnip		G1Q	S1		
Counties of occurrence: Houston						

#### Family Araliaceae - Aralia Family

<i>Aralia racemosa</i>	American spikenard		G4G5	S1		
Counties of occurrence: Etowah, Jackson						

### ORDER ARISTOLOCHIALES

#### Family Aristolochiaceae - Birthwort Family

<i>Hexastylis shuttleworthii</i> var. <i>harperi</i>	Harper's wild ginger		G4T3	S2		
Counties of occurrence: Autauga, Bibb, Chilton, Perry, Russell						
<i>Hexastylis speciosa</i>	Harper's heartleaf <sup>7</sup>		G2	S2	UR	
Counties of occurrence: Autauga Chilton, Elmore						

### ORDER ASTERALES

#### Family Asteraceae - Aster Family

<i>Ampelaster carolinianus</i>	Carolina aster		G5	S1		
Counties of occurrence: Mobile						
<i>Arnica acaulis</i>	Leopardsbane		G4	SH		
Counties of occurrence: Houston						
<i>Arnoglossum diversifolium</i>	variable-leaved Indian-plantain		G2	S1	UR	
Counties of occurrence: Houston						
<i>Arnoglossum sulcatum</i>	Indian-plantain		G3	S3		
Counties of occurrence: Baldwin, Conecuh, Covington, Dale, Escambia, Geneva, Monroe, Pike						
<i>Balduina atropurpurea</i>	purple balduina		G2	SH	UR	
Counties of occurrence: Geneva <sup>4</sup>						
<i>Bidens cernua</i>	nodding beggar-ticks		G5	S1		
Counties of occurrence: Blount, Conecuh, Etowah, Shelby						
<i>Bigelowia nuttallii</i>	Nuttall's rayless goldenrod		G3G4	S3		
Counties of occurrence: Blount, Cherokee, DeKalb, Etowah, Jackson, Jefferson, Marshall						
<i>Brickellia cordifolia</i>	Flyr's brickell-bush		G2G3	S2		
Counties of occurrence: Bullock, Coffee, Conecuh, Covington, Crenshaw, Dale, Geneva, Henry, Houston, Lee, Macon, Pike, Russell						
<i>Chrysopsis godfreyi</i>	Godfrey's golden-aster		G2	S1		
Counties of occurrence: Baldwin						
<i>Chrysopsis gossypina</i> ssp. <i>cruiseana</i>	Cruise's golden-aster		G5T2	SH		
<i>Cirsium lecontei</i>	Le Conte's thistle		G2G3	S1		
Counties of occurrence: Baldwin, Mobile						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Cirsium muticum</i> Counties of occurrence: Butler, Cherokee, Cleburne, Crenshaw, Pike	swamp thistle		G5	S1		
<i>Cirsium nuttallii</i> Counties of occurrence: Mobile	Nuttall's thistle		G5	S1		
<i>Coreopsis grandiflora</i> var. <i>inclinata</i> Counties of occurrence: Bibb	Ketona tickseed <sup>7</sup>		G5T2	S2		
<i>Coreopsis nudata</i> Counties of occurrence: Baldwin, Geneva, Houston, Mobile	Georgia tickseed		G3?	S1		
<i>Coreopsis pulchra</i> Counties of occurrence: Cherokee, DeKalb, Etowah, Jackson	Woodland tickseed		G2	S2		
<i>Echinacea pallida</i> Counties of occurrence: Calhoun, Chambers, Greene, Lee, Sumter	pale-purple coneflower		G4	S2		
<i>Echinacea simulata</i> Counties of occurrence: Cherokee	wavy-leaf purple coneflower		G3	S1		
<i>Erigeron strigosus</i> var. <i>dolomitica</i> Counties of occurrence: Bibb	Cahaba daisy fleabane <sup>7</sup>		G5T2?	S2?		
<i>Eurybia chapmanii</i> Counties of occurrence: Geneva, Houston, Mobile	Chapman aster		G2G3	SH		
<i>Eurybia eryngiifolia</i> Counties of occurrence: Covington, Geneva	coyote-thistle aster		G3G4	S1		
<i>Eurybia spectabilis</i> Counties of occurrence: Covington, DeKalb	showy aster		G5	S2		
<i>Eurybia surculosus</i> Counties of occurrence: Jackson	creeping aster		G4G5	S1		
<i>Helenium brevifolium</i> Counties of occurrence: Baldwin, Escambia, Geneva	little leaf sneezeweed		G4	S1		
<i>Helenium vernale</i> Counties of occurrence: Baldwin, Escambia, Geneva	spring sneezeweed		G4?	S2		
<i>Helianthus eggertii</i> Counties of occurrence: Bibb, Blount, Butler, Calhoun, DeKalb, Franklin, Madison	Eggert's sunflower		G3	S2		
<i>Helianthus glaucophyllus</i> Counties of occurrence: Coosa, Jackson	white-leaved sunflower		G3G4	SH		
<i>Helianthus longifolius</i> Counties of occurrence: Cherokee, DeKalb, Jackson	longleaf sunflower		G3	S1S2		
<i>Helianthus porteri</i> Counties of occurrence: Chambers, Lee, Randolph	confederate daisy		G4	S2		
<i>Helianthus smithii</i> Counties of occurrence: Bibb, Blount, Calhoun, Cherokee, Clay, Cleburne, Jackson <sup>4</sup> , Lee <sup>4</sup> , Marion <sup>4</sup> , Randolph <sup>4</sup> , Talladega	Smith's sunflower		G2Q	S2		
<i>Helianthus verticillatus</i> Counties of occurrence: Cherokee	whorled sunflower		G1	S1		LE
<i>Iva microcephala</i> Counties of occurrence: Baldwin, Barbour, Conecuh, Houston, Mobile	small-headed marsh-elder		G5	S1		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Jamesianthus alabamensis</i>	jamesianthus			G3	S3	
Counties of occurrence: Bibb, Blount, Calhoun, Cleburne, Colbert, Franklin, Jefferson, Lowndes, Shelby, Winston						
<i>Liatris chapmanii</i>	Chapman's gay-feather			G5	S1	
Counties of occurrence: Baldwin, Escambia <sup>4</sup>						
<i>Liatris cylindracea</i>	slender blazing-star			G5	S2	
Counties of occurrence: Bibb						
<i>Liatris oligocephala</i>	Cahaba torch <sup>7</sup>			G1	S1	
Counties of occurrence: Bibb						
<i>Lygodesmia aphylla</i>	Rose rush			G4G5	S1	
Counties of occurrence: Houston						
<i>Marshallia mohrii</i>	Mohr's Barbara's buttons			G3	S3	LT
Counties of occurrence: Bibb, Blount, Calhoun, Cherokee, Cullman <sup>4</sup> , Etowah, Walker						
<i>Mikania cordifolia</i>	Florida Keys hempweed			G5	S2	
Counties of occurrence: Baldwin, Clarke, Geneva, Houston, Mobile, Monroe						
<i>Phoebanthus tenuifolius</i>	pineland false sunflower			G3	SH	
Counties of occurrence: Escambia						
<i>Pityopsis oligantha</i>	Coastal-Plain golden-aster			G2G4	S2	
Counties of occurrence: Covington, Escambia, Geneva						
<i>Pityopsis pinifolia</i>	golden aster			G4	S1	
Counties of occurrence: Autauga						
<i>Polymnia laevigata</i>	Tennessee leafcup			G3	S2S3	
Counties of occurrence: Bibb, Jackson, Madison, Tuscaloosa						
<i>Prenanthes barbata</i>	barbed rattlesnake-root			G3	S1S2	
Counties of occurrence: Cherokee, Clarke, Dallas, Etowah, Madison						
<i>Pterocaulon virgatum</i>	barbed rattlesnake-root			G5	S1	
Counties of occurrence: Escambia						
<i>Rudbeckia auriculata</i>	Wand blackroot			G2	S2	UR
Counties of occurrence: Barbour, Blount, Covington, Crenshaw, Geneva, Jefferson, Pike, Shelby, St. Clair						
<i>Rudbeckia heliopsidis</i>	sun-facing coneflower			G2	S2	UR
Counties of occurrence: Cherokee, DeKalb, Lee, Macon, Monroe						
<i>Rudbeckia mollis</i>	soft-hair coneflower			G3G5	S1	
Counties of occurrence: Henry, Houston						
<i>Rudbeckia nitida</i>	shiny coneflower			G3	S1	
Counties of occurrence: Conecuh						
<i>Rudbeckia triloba</i> var. <i>pinnatiloba</i>	pinnate-lobed black-eyed Susan			G5T3	S2S3	
Counties of occurrence: Autauga, Bibb, Dallas, Lowndes, Tallapoosa, Wilcox						
<i>Silphium brachiatum</i>	Cumberland rosinweed			G2G3	S2	
Counties of occurrence: Blount, Jackson, Madison, Marshall, Morgan						
<i>Silphium glutinosum</i>	sticky rosinweed <sup>7</sup>			G2	S2	
Counties of occurrence: Bibb						
<i>Silphium mohrii</i>	Mohr's rosinweed			G3?Q	S1	
Counties of occurrence: Cherokee, Jackson, Marshall						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Silphium perplexum</i> Counties of occurrence: Dallas, Perry	Old Cahaba rosinweed <sup>7</sup>		G1	S1		
<i>Silphium pinnatifidum</i> Counties of occurrence: Bullock, Colbert, DeKalb, Etowah, Franklin, Lawrence, Morgan	prairie-dock		G3Q	S2		
<i>Solidago arenicola</i> Counties of occurrence: Blount	southern racemose goldenrod		G2G3	S1		UR
<i>Solidago buckleyi</i> Counties of occurrence: St. Clair	Buckley's goldenrod		G4	S1		
<i>Symphyotrichum ericoides</i> Counties of occurrence: Sumter	heath aster		G5	S1		
<i>Symphyotrichum georgianum</i> Counties of occurrence: Bibb, Blount, Clay, Etowah <sup>4</sup> , Shelby <sup>4</sup> , St. Clair <sup>4</sup> , Talladega <sup>4</sup> , Tuscaloosa <sup>4</sup>	Georgia aster		G3	S3		
<i>Symphyotrichum kralii</i> Counties of occurrence: Houston	pale-violet aster		GNR	SH		
<i>Symphyotrichum oolentangiense</i> var. <i>oolentangiense</i> Counties of occurrence: Calhoun	sky blue aster		G5T5	S1		
<i>Symphyotrichum pratense</i> Counties of occurrence: Etowah, Russell, Sumter	barrens silky aster		G4?	S1		
<i>Symphyotrichum sericeum</i> Counties of occurrence: Colbert	western silvery aster		G5	S1		
<i>Symphyotrichum simmondsii</i> Counties of occurrence: Mobile	Simmonds' aster		G4G5	S1		
<i>Thelesperma filifolium</i> Counties of occurrence: Sumter	stiff greenthread		G4G5	S1		
<i>Verbesina walteri</i> Counties of occurrence: Sumter, Wilcox	Carolina Crownbeard		G4	S1		
<b>ORDER CAMPANULALES</b>						
<b>Family Campanulaceae - Bellflower Family</b>						
<i>Lobelia boykinii</i> Counties of occurrence: Barbour, Henry, Houston	Boykin's lobelia		G2G3	S1		UR
<b>ORDER CAPPARALES</b>						
<b>Family Brassicaceae - Mustard Family</b>						
<i>Arabis georgiana</i> Counties of occurrence: Bibb, Dallas, Elmore, Monroe, Russell, Sumter, Wilcox	Georgia rockcress		G1	S1		LT
<i>Arabis patens</i> Counties of occurrence: Marengo, Pickens	spreading rockcress		G3	S1		
<i>Armoracia lacustris</i> Counties of occurrence: Colbert, Greene, Lawrence, Limestone	lake cress		G4?	S1		
<i>Draba ramosissima</i> Counties of occurrence: Marshall	branched Whitlow-grass		G4	S1		
<i>Leavenworthia alabamica</i> Counties of occurrence: Franklin, Lawrence	Alabama glade-cress <sup>7</sup>		G2	S2		

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Leavenworthia crassa</i> Counties of occurrence: Lawrence, Morgan	fleshy-fruit glade cress <sup>7</sup>		G2	S2	LE	
<i>Leavenworthia exigua</i> var. <i>lutea</i> Counties of occurrence: Bibb, Jefferson, Marshall, St. Clair	pasture glade-cress		G4T1	S1		
<i>Leavenworthia torulosa</i>	necklace glade cress		G4	SX		
<i>Leavenworthia uniflora</i> Counties of occurrence: Bibb, Lawrence, Madison, Morgan	Michaux leavenworthia		G4	S2		
<i>Lesquerella densipila</i> Counties of occurrence: Lawrence, Limestone, Morgan	duck river bladderpod		G3	S1		
<i>Paysonia lyrata</i> Counties of occurrence: Colbert, Franklin, Lawrence	lyrate bladderpod <sup>7</sup>		G1	S1	LT	
<i>Warea sessilifolia</i> Counties of occurrence: Coffee, Dale, Henry, Houston, Mobile, Pike	sessile-leaved warea		G2G4	S1		
<b>Family Capparaceae - Caper Family</b>						
<i>Polanisia tenuifolia</i> Counties of occurrence: Baldwin	slenderleaf clammy-weed		G5	S1		
<b>ORDER CARYOPHYLLALES</b>						
<b>Family Caryophyllaceae - Pink Family</b>						
<i>Paronychia argyrocoma</i> Counties of occurrence: DeKalb	Silvery nailwort		G4	S1		
<i>Paronychia herniarioides</i> Counties of occurrence: Autauga, Dallas	coastal plain nailwort		G2G4	S1		
<i>Paronychia rugelii</i> Counties of occurrence: Geneva	Rugel's nailwort		G2?	S1		
<i>Paronychia virginica</i> Counties of occurrence: Bibb	yellow nailwort		G4	S2		
<i>Silene caroliniana</i> ssp. <i>wherryi</i> Counties of occurrence: Autauga, Bibb, Blount, Calhoun, Cherokee, Chilton, DeKalb, Etowah, Jefferson, Marshall, St. Clair, Shelby	Wherry's catchfly		G5T2T4Q	S2		
<i>Silene ovata</i> Counties of occurrence: Dallas, Etowah, Geneva, Henry, Madison, Marengo, Marshall, St. Clair	ovate catchfly		G3	S2		
<i>Silene regia</i> Counties of occurrence: Bibb, Monroe, Wilcox	royal catchfly		G3G4	S2?		
<i>Silene rotundifolia</i> Counties of occurrence: Jackson, Lawrence, Winston	roundleaf catchfly		G4	S1S2		
<i>Stellaria corei</i>	chickweed		G4	S1		
<i>Stellaria fontinalis</i> Counties of occurrence: Lawrence	water stitchwort		G3	S1	UR	
<b>Family Nyctaginaceae - Four-o'clock Family</b>						
<i>Mirabilis albida</i> Counties of occurrence: Bibb, Dallas, Franklin, Greene, Sumter	pale umbrella-wort		G5	S2		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Portulacaceae - Purslane Family</b>						
<i>Claytonia caroliniana</i>	Carolina spring beauty		G5	S1		
Counties of occurrence: Jackson						
<i>Phemeranthus calcaricum</i>	limestone fame-flower		G3	S2		
Counties of occurrence: Franklin, Lawrence						
<i>Phemeranthus parviflorum</i>	small-flowered fame-flower		G5	S1		
Counties of occurrence: Coosa						
<i>Phemeranthus teretifolium</i>	quill fame-flower		G4	S1		
<b>ORDER CELASTRALES</b>						
<b>Family Aquifoliaceae - Holly Family</b>						
<i>Ilex amelanchier</i>	serviceberry holly		G4	S2		
Counties of occurrence: Baldwin, Houston, Mobile, Washington						
<b>Family Celastraceae - Bittersweet Family</b>						
<i>Celastrus scandens</i>	climbing bittersweet		G5	S1		
Counties of occurrence: Etowah						
<b>ORDER DIPSACALES</b>						
<b>Family Adoxaceae - Moschatel Family</b>						
<i>Viburnum ashei</i>	Ashe's arrowwood			S1		
Counties of occurrence: Escambia						
<i>Viburnum bracteatum</i>	limerock arrowwood		G1G2	S1		
Counties of occurrence: Calhoun, Etowah <sup>4</sup> , Jackson, Madison						
<i>Viburnum obovatum</i>	small-leaf viburnum		G5	S1		
Counties of occurrence: Geneva, Houston						
<i>Viburnum rafinesquianum</i>	downy arrowwood		G5	S1		
Counties of occurrence: Limestone						
<b>Family Caprifoliaceae - Honeysuckle Family</b>						
<i>Diervilla rivularis</i>	mountain bush-honeysuckle		G3	S2		
Counties of occurrence: Jackson						
<i>Triosteum angustifolium</i>	yellowleaf tinker's-weed		G5	S1		
Counties of occurrence: Calhoun, Colbert, Dallas, Etowah, Franklin, Jackson, Jefferson, Morgan						
<b>Family Valerianaceae - Valerian Family</b>						
<i>Valeriana pauciflora</i>	valerian		G4	S1		
Counties of occurrence: Jackson, Madison						
<b>ORDER EBENALES</b>						
<b>Family Sapotaceae - Sapote Family</b>						
<i>Sideroxylon reclinatum</i>	buckthorn		G4G5	S1?		
Counties of occurrence: Houston						
<i>Sideroxylon thornei</i>	swamp buckthorn		G2	S1		UR
Counties of occurrence: Baldwin, Clarke, Geneva, Houston						
<b>ORDER ERICALES</b>						
<b>Family Clethraceae - Pepperbush Family</b>						
<i>Clethra acuminata</i>	mountain pepper-bush		G4	S1		
Counties of occurrence: Clay						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Ericaceae - Heath Family</b>						
<i>Kalmia hirsuta</i>	hairy laurel		G5	S2		
Counties of occurrence: Baldwin, Houston						
<i>Pieris phillyreifolia</i>	climbing fetter-bush		G3	S2		
Counties of occurrence: Covington, Geneva, Houston, Mobile						
<i>Rhododendron austrinum</i>	orange azalea		G3	S2S3		
Counties of occurrence: Baldwin, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Mobile, Monroe						
<i>Rhododendron colemanii</i>	Red Hills azalea		G?	S1		
Counties of occurrence: Barbour, Butler, Clarke, Conecuh, Monroe, Pike, Russell						
<i>Rhododendron cumberlandense</i>	Cumberland azalea		G4?	S2		
Counties of occurrence: Calhoun, Clay, Jackson						
<i>Rhododendron minus</i>	Carolina rhododendron		G4	S2		
Counties of occurrence: Barbour, Coosa, Henry, Jackson, Monroe						
<i>Rhododendron prunifolium</i>	plumleaf azalea		G3	S2S3		
Counties of occurrence: Barbour, Henry, Lee, Russell						
<b>Family Monotropaceae - Indian Pipe Family</b>						
<i>Monotropsis odorata</i> var. <i>odorata</i>	sweet pinesap		G3T?	S1		
Counties of occurrence: Cullman, Hale, Lawrence						
<b>ORDER EUPHORBIALES</b>						
<b>Family Buxaceae - Boxwood Family</b>						
<i>Pachysandra procumbens</i>	Allegheny-spurge		G4G5	S2S3		
Counties of occurrence: Bibb, Bullock, Colbert, Franklin, Lamar, Lawrence, Lowndes, Monroe						
<b>Family Euphorbiaceae - Spurge Family</b>						
<i>Croton alabamensis</i> var. <i>alabamensis</i>	Alabama croton <sup>7</sup>		G3T3	S3		
Counties of occurrence: Bibb, Tuscaloosa						
<i>Croton elliotii</i>	Elliott's croton		G2G3	S1		UR
Counties of occurrence: Barbour, Escambia, Geneva, Houston						
<i>Euphorbia discoidalis</i>	euphorbia		G3?Q	S2?		
Counties of occurrence: Baldwin						
<i>Euphorbia inundata</i>	Florida pine spurge		G4G5	S1		
Counties of occurrence: Baldwin <sup>4</sup>						
<i>Phyllanthopsis phyllanthoides</i>	maidenbush		G4	S2S3		
Counties of occurrence: Bibb, Blount						
<i>Stillingia aquatica</i>	water toothleaf		G4G5	S1		
Counties of occurrence: Baldwin, Houston						
<b>ORDER FABALES</b>						
<b>Family Fabaceae - Pea Family</b>						
<i>Amorpha nitens</i>	indigo bush		G3?	S1?		
Counties of occurrence: Elmore <sup>4</sup>						
<i>Apios priceana</i>	Price's potato-bean		G2	S2		LT
Counties of occurrence: Autauga, Dallas, Jackson, Lawrence, Madison, Marshall, Monroe, Wilcox						
<i>Astragalus canadensis</i>	Canadian milkvetch		G5	S1		
Counties of occurrence: Dallas, Madison, Sumter						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Astragalus obcordatus</i> Counties of occurrence: Dallas	Florida milkvetch		G3G4	S1		
<i>Astragalus tennesseensis</i> Counties of occurrence: Lawrence, Morgan	Tennessee milkvetch		G3	S1S2		
<i>Astragalus villosus</i> Counties of occurrence: Baldwin <sup>4</sup> , Butler, Coffee, Conecuh, Dale, Escambia <sup>4</sup> , Mobile <sup>4</sup> , Pike, Russell <sup>4</sup>	hoary milkvetch		G4	S2		
<i>Baptisia australis</i> var. <i>aberrans</i> Counties of occurrence: Bibb	blue wild indigo		G5T2		S1	
<i>Baptisia megacarpa</i> Counties of occurrence: Autauga, Bibb, Bullock, Crenshaw, Elmore, Henry, Lee, Lowndes, Macon, Montgomery, Pike, Tallapoosa	Apalachicola wild indigo		G2	S2		UR
<i>Chamaecrista deeringiana</i> Counties of occurrence: Covington, Escambia, Geneva, Houston	Florida senna		G2G4Q	S1		
<i>Dalea cahaba</i> Counties of occurrence: Bibb	Cahaba prairie clover <sup>7</sup>		G2	S2		
<i>Dalea foliosa</i> Counties of occurrence: Franklin, Lawrence, Jefferson, Morgan	leafy prairie clover		G2G3	S1		LE
<i>Dalea gattingeri</i> Counties of occurrence: Cherokee, Franklin, Lawrence, Morgan	Gattinger's prairie clover		G3G4	S3		
<i>Desmodium ochroleucum</i> Counties of occurrence: Autauga, Clarke, Dallas, Greene, Hale, Lowndes, Madison, Monroe, Montgomery, Sumter, Wilcox	cream tick-trefoil		G2G3	S2		
<i>Galactia floridana</i> Counties of occurrence: Mobile	Florida milk pea		G3G4	S1		
<i>Lathyrus venosus</i> Counties of occurrence: Bibb, Cherokee, Chilton, Clay, St. Clair	smooth veiny peavine		G5	S1		
<i>Orbexilum lupinellum</i> Counties of occurrence: Autauga <sup>4</sup> , Pike	lupine scurfpea		G3G4	S1		
<i>Orbexilum simplex</i> Counties of occurrence: Mobile, Washington	single-stemmed scurf-pea		G4G5	S1		
<i>Pediomelum subacaule</i> Counties of occurrence: Colbert, Franklin, Lawrence	Nashville breadroot		G4	S2		
<i>Tephrosia mohrii</i> Counties of occurrence: Covington, Houston	pineland hoary-pea		G3	S1?		
<i>Thermopsis mollis</i> Counties of occurrence: Jackson, Marshall	soft-haired thermopsis		G3G4	S1		

## ORDER FAGALES

### Family Fagaceae - Beech Family

<i>Castanea pumila</i> var. <i>ozarkensis</i>	Ozark chinquapin		G5T3	SH		
<i>Quercus arkansana</i> Counties of occurrence: Autauga, Bibb, Chilton, Hale, Henry, Perry, Pike, Sumter	Arkansas oak		G3	S3		
<i>Quercus boyntonii</i> Counties of occurrence: Blount, Etowah, St. Clair	Boynton's sand post oak		G1	S1		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Quercus georgiana</i> Counties of occurrence: Chambers, Jefferson, St. Clair	Georgia oak		G3	S2		
<i>Quercus macrocarpa</i> Counties of occurrence: Montgomery, Pickens, Sumter	bur oak		G5	S2		
<i>Quercus minima</i> Counties of occurrence: Baldwin, Geneva	dwarf live oak		G5	S2		
<i>Quercus oglethorpensis</i> Counties of occurrence: Marengo, Sumter, Wilcox	Oglethorpe's oak		G3	S1		
<i>Quercus similis</i> Counties of occurrence: Mobile	bottomland-post oak		G4	S1		
<b>ORDER GENTIANALES</b>						
<b>Family Apocynaceae - Dogbane Family</b>						
<i>Amsonia rigida</i> Counties of occurrence: Geneva, Houston	stiff blue-star		G4	S1		
<b>Family Asclepiadaceae - Milkweed Family</b>						
<i>Asclepias cinerea</i> Counties of occurrence: Covington, Geneva	Carolina milkweed		G4?	S1		
<i>Asclepias exaltata</i> Counties of occurrence: Etowah, Jackson, Winston	poke milkweed		G5	S1		
<i>Asclepias rubra</i> Counties of occurrence: Autauga, Covington, Escambia	red milkweed		G4G5	S1		
<i>Asclepias tomentosa</i> Counties of occurrence: Covington, Geneva	velvet milkweed		G4	SH		
<i>Asclepias viridula</i> Counties of occurrence: Houston	southern milkweed		G2	S1		
<i>Matelea alabamensis</i> Counties of occurrence: Henry	Alabama anglepod		G2	S1		
<i>Matelea baldwyniana</i> Counties of occurrence: Barbour, Clarke, Monroe, Tallapoosa, Wilcox	Baldwin's milkvine		G3	S1		
<b>Family Gentianaceae - Gentian Family</b>						
<i>Sabatia brevifolia</i> Counties of occurrence: Baldwin	short-leaved pink		G3G4	S1		
<i>Sabatia capitata</i> Counties of occurrence: Calhoun, Chilton, Clay, Cleburne, DeKalb, St. Clair	rose gentian		G2	S2		
<i>Sabatia grandiflora</i>	large-flowered pink		G3G4	S1?		
<i>Sabatia quadrangula</i> Counties of occurrence: Houston	four-angled pink		G4G5	SH		
<b>Family Loganiaceae - Logania Family</b>						
<i>Mitreola angustifolia</i> Counties of occurrence: Houston	narrow-leaf miterwort		G4G5	S1		
<i>Spigelia alabamensis</i> Counties of occurrence: Bibb	Alabama pinkroot <sup>7</sup>		G1	S1		
<i>Spigelia gentianoides</i> Counties of occurrence: Geneva	gentian pinkroot		G1	S1		LE

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>ORDER GERANIALES</b>						
<b>Family Oxalidaceae - Oxalis Family</b>						
<i>Oxalis grandis</i>	giant wood-sorrel		G4G5		S1	
Counties of occurrence: Jackson, Madison,						
<b>ORDER HALORAGALES</b>						
<b>Family Haloragaceae - Water-milfoil Family</b>						
<i>Myriophyllum laxum</i>	loose water-milfoil		G3		S2	
Counties of occurrence: Conecuh, Covington, Escambia, Mobile, Washington						
<b>ORDER HAMAMELIDALES</b>						
<b>Family Hamamelidaceae - Witch-hazel Family</b>						
<i>Fothergilla gardenii</i>	dwarf witch-alder		G3G4		S1	
Counties of occurrence: Baldwin, Escambia <sup>4</sup> , Geneva						
<i>Fothergilla major</i>	mountain witch-alder		G3		S2	
Counties of occurrence: Blount, Cherokee, Cullman, DeKalb, Franklin, Jackson, Marshall, St. Clair						
<i>Hamamelis ovalis</i>	Mississippi witch hazel		G1		S1	
Counties of occurrence: Clarke, Covington, Monroe, Wilcox						
<b>ORDER ILLICIALES</b>						
<b>Family Schisandraceae - Starvine Family</b>						
<i>Schisandra glabra</i>	bay starvine		G3		S2	
Counties of occurrence: Bibb, Clarke, Monroe						
<b>ORDER JUGLANDALES</b>						
<b>Family Juglandaceae - Walnut Family</b>						
<i>Juglans cinerea</i>	butternut		G4		S1	
Counties of occurrence: DeKalb, Jackson, Lawrence, Madison, Winston						
<b>ORDER LAMIALES</b>						
<b>Family Boraginaceae - Borage Family</b>						
<i>Onosmodium decipiens</i>	Alabama marbleseed <sup>7</sup>		G2		S2	
Counties of occurrence: Bibb						
<i>Onosmodium molle</i> ssp. <i>molle</i>	soft false gromwell		G4G5T3		S2	
Counties of occurrence: Franklin, Lawrence, Wilcox						
<i>Onosmodium molle</i> ssp. <i>subsetosum</i>	false gromwell		G4G5T4		S1	
Counties of occurrence: Madison						
<b>Family Lamiaceae - Mint Family</b>						
<i>Agastache nepetoides</i>	yellow giant hyssop		G5		S1	
Counties of occurrence: Jackson, Lawrence, Madison, Marshall						
<i>Blephilia subnuda</i>	smooth blephilia		G1G2		S1S2	
Counties of occurrence: Jackson, Madison						
<i>Clinopodium glabellum</i>	Ozark savory		G3Q		S1	
Counties of occurrence: Jefferson						
<i>Dicerandra fumella</i>	large-flowered pennyroyal		G4G5		S2	
Counties of occurrence: Barbour Butler, Conecuh, Covington, Dale, Escambia, Geneva, Houston						
<i>Hedeoma drummondii</i>	Drummond's pennyroyal		G5		S2	
Counties of occurrence: Greene, Lowndes, Marengo, Sumter						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Monarda clinopodia</i>	basil bee-balm		G5		S2	
Counties of occurrence: Etowah, Jackson, Jefferson, Lauderdale, Madison, Shelby						
<i>Physostegia leptophylla</i>	slenderleaf false dragonhead		G4?		SH	
Counties of occurrence: Baldwin						
<i>Pycnanthemum curvipes</i>	a mountain-mint		G3		S1?	
Counties of occurrence: Calhoun, Chambers, Lee, Randolph						
<i>Pycnanthemum nudum</i>	Coastal Plain mountain mint		G5		S1	
Counties of occurrence: Covington, Geneva						
<i>Pycnanthemum virginianum</i>	Virginia mountain mint		G5		S1	
Counties of occurrence: Cherokee						
<i>Scutellaria alabamensis</i>	Alabama skullcap <sup>7</sup>		G2		S2	
Counties of occurrence: Bibb, Calhoun, Coosa, Cullman, Etowah, Jefferson, Lawrence, Shelby, St. Clair, Tuscaloosa						
<i>Scutellaria glabriuscula</i>	glabrous skullcap		G2?		S1	
Counties of occurrence: Covington, Geneva						
<i>Stachys alabamica</i>	Alabama hedge-nettle		G1		S1	
Counties of occurrence: Clay						
<i>Stachys nelsonii</i>	Nelson's hedge-nettle		G1		S1	
Counties of occurrence: Talladega						
<i>Synandra hispidula</i>	Guyandotte beauty		G4		S1	
Counties of occurrence: Jackson						
<b>ORDER LAURALES</b>						
<b>Family Lauraceae - Laurel Family</b>						
<i>Lindera melissifolia</i>	pondberry		G2G3		S1	LE
Counties of occurrence: Covington, Wilcox <sup>4</sup>						
<i>Lindera subcoriacea</i>	bog spicebush		G2G3		S1	UR
Counties of occurrence: Baldwin, Clarke, Escambia, Mobile						
<b>ORDER LINALES</b>						
<b>Family Linaceae - Flax Family</b>						
<i>Linum macrocarpum</i>	flax		G2		S1	
Counties of occurrence: Baldwin, Escambia, Mobile, Washington						
<i>Linum sulcatum</i> var. <i>harperi</i>	Harper's grooved-yellow flax		G5T2		S1	
Counties of occurrence: Autauga, Colbert, Dallas, Franklin, Hale, Lawrence, Lowndes, Marengo, Sumter						
<b>ORDER MAGNOLIALES</b>						
<b>Family Magnoliaceae - Magnolia Family</b>						
<i>Magnolia fraseri</i>	Fraser's magnolia		G5		S1	
<b>ORDER MALVALES</b>						
<b>Family Malvaceae - Mallow Family</b>						
<i>Callirhoe alcaeoides</i>	clustered poppy-mallow		G5?		S2	
Counties of occurrence: Bibb, Morgan						
<i>Callirhoe papaver</i>	woods poppy-mallow		G5		S1	
Counties of occurrence: Washington						
<i>Callirhoe triangulata</i>	clustered poppy-mallow		G3?		S1	
Counties of occurrence: Autauga <sup>4</sup> , Elmore, Sumter						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Hibiscus coccineus</i> Counties of occurrence: Mobile, Wilcox	brilliant hibiscus		G4?	S1		
<i>Kosteletzkya smilacifolia</i> Counties of occurrence: Mobile	southern seashore mallow		G1G3Q	S1?		
<b>ORDER MYRTALES</b>						
<b>Family Melastomataceae - Melastome Family</b>						
<i>Rhexia aristosa</i> Counties of occurrence: Barbour, Henry	awned meadowbeauty		G3G4	S1		
<i>Rhexia parviflora</i> Counties of occurrence: Covington, Escambia, Geneva	small-flowered meadowbeauty		G2	S1		UR
<i>Rhexia salicifolia</i> Counties of occurrence: Covington, Houston	panhandle meadowbeauty		G2	S1		UR
<b>Family Onagraceae - Evening Primrose Family</b>						
<i>Epilobium coloratum</i>	purple-leaf willow-herb		G5	S1		
<i>Ludwigia arcuata</i> Counties of occurrence: Mobile	pond seedbox		G4G5	S1		
<i>Ludwigia spathulata</i> Counties of occurrence: Covington, Geneva, Houston, Mobile	spathulate seedbox		G2	S1S2		UR
<i>Oenothera heterophylla</i> Counties of occurrence: Dallas, Greene, Pickens, Sumter	vari-leaf evening-primrose		G4	S2		
<b>ORDER NEPENTHALES</b>						
<b>Family Droseraceae - Sundew Family</b>						
<i>Drosera rotundifolia</i> Counties of occurrence: Lawrence	round-leaved sundew		G5	S1		
<b>Family Sarraceniaceae - Pitcher-plant Family</b>						
<i>Sarracenia leucophylla</i> Counties of occurrence: Baldwin, Conecuh, Covington, Escambia, Geneva, Mobile, Monroe, Washington	whitetop pitcher-plant		G3	S3		
<i>Sarracenia oreophila</i> Counties of occurrence: Cherokee, DeKalb, Elmore <sup>4</sup> , Etowah, Jackson, Marshall	green pitcher-plant		G2	S2		LE
<i>Sarracenia rubra</i> ssp. <i>alabamensis</i> Counties of occurrence: Autauga, Chilton, Elmore	Alabama canebrake pitcher-plant <sup>7</sup>		G4T1T2	S1S2		LE
<i>Sarracenia rubra</i> ssp. <i>wherryi</i> Counties of occurrence: Baldwin, Covington, Escambia, Mobile, Monroe, Washington	Wherry's sweet pitcher-plant		G4T3	S3		UR
<b>ORDER NYMPHAEALES</b>						
<b>Family Nymphaeaceae - Water Lily Family</b>						
<i>Nuphar lutea</i> ssp. <i>ulvacea</i> Counties of occurrence: Baldwin, Mobile	west Florida cowlily		G5T2	S1		UR
<b>ORDER PAPAVERALES</b>						
<b>Family Fumariaceae</b>						
<i>Dicentra cucullaria</i> Counties of occurrence: Calhoun, Colbert, Etowah, Jackson, Lauderdale, Lawrence, Madison, Marshall	Dutchman's breeches		G5	S2		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Papaveraceae - Poppy Family</b>						
<i>Stylophorum diphyllum</i>	celandine poppy		G5	S1		
Counties of occurrence: Colbert, Jackson, Madison						
<b>ORDER PLANTAGINALES</b>						
<b>Family Plantaginaceae - Plantain Family</b>						
<i>Chelone obliqua</i> var. <i>obliqua</i>	red turtlehead		G4T3T4Q	S1		
Counties of occurrence: Calhoun, Randolph, Talladega						
<i>Chelone lyonii</i>	pink turtlehead		G4	S1		
Counties of occurrence: DeKalb, Jackson						
<i>Collinsia verna</i>	blue-eyed Mary		G5	S1		
Counties of occurrence: Colbert						
<i>Gratiola pusilla</i>	granite pool sprite		G2	S1	LT	
Counties of occurrence: Chambers, Randolph, Tallapoosa						
<i>Penstemon multiflorus</i>	many-flower beardtongue		G4	S1		
Counties of occurrence: Baldwin, Covington, Escambia, Houston						
<i>Penstemon kralii</i>	Kral's beardtongue		G2	S1		
Counties of occurrence: Jackson, Madison						
<i>Penstemon smallii</i>	Small's beardtongue		G3	S1		
<i>Plantago cordata</i>	heart-leaved plantain		G4	S2		
Counties of occurrence: Bibb, Butler, Cherokee, Colbert, Lowndes, Wilcox						
<i>Veronicastrum virginicum</i>	Culver's root		G4	S1		
Counties of occurrence: Bibb, Coosa, Dallas						
<b>ORDER POLYGALALES</b>						
<b>Family Polygalaceae - Milkwort Family</b>						
<i>Polygala balduinii</i>	white milkwort		G4	S1?		
<i>Polygala crenata</i>	crenate milkwort		G4?	S1		
Counties of occurrence: Baldwin, Mobile						
<i>Polygala hookeri</i>	Hooker's milkwort		G3	S1S2		
Counties of occurrence: Baldwin, Covington, Escambia, Geneva						
<i>Polygala senega</i> var. <i>latifolia</i>	Seneca snakeroot		G4G5T?	S1		
Counties of occurrence: Franklin, Jackson						
<b>ORDER POLYGONALES</b>						
<b>Family Polygonaceae - Buckwheat Family</b>						
<i>Eriogonum longifolium</i> var. <i>harperi</i>	Harper's umbrella plant		G4T2	S1		
Counties of occurrence: Colbert, Franklin, Lawrence, Madison						
<i>Polygonella americana</i>	southern jointweed		G5	S1		
Counties of occurrence: Blount, Cherokee, Cullman, DeKalb, Lamar						
<i>Polygonella macrophylla</i>	large-leaved jointweed		G3	S1		
Counties of occurrence: Baldwin						
<b>ORDER PRIMULALES</b>						
<b>Family Primulaceae - Primrose Family</b>						
<i>Dodecatheon frenchii</i>	French's shooting star		G3	S1		
Counties of occurrence: Colbert						
<i>Hottonia inflata</i>	featherfoil		G4	S2		
Counties of occurrence: Dallas, Greene, Jefferson, Macon, Madison, Montgomery, Perry						
<i>Lysimachia fraseri</i>	Fraser's loosestrife		G3	S1		

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
Counties of occurrence: Calhoun, St. Clair						
<i>Lysimachia graminea</i>	grass-leaf loosestrife		G1Q	S1		
Counties of occurrence: Cherokee						
<i>Lysimachia lewisii</i>	Lewis's yellow loosestrife		G2	S1		
Counties of occurrence: Blount						
<b>ORDER RANUNCULALES</b>						
<b>Family Berberidaceae - Barberry Family</b>						
<i>Berberis canadensis</i>	American barberry		G3	SH		
Counties of occurrence: Jefferson <sup>4</sup> , Lee <sup>4</sup>						
<i>Jeffersonia diphylla</i>	twinleaf		G5	S2		
Counties of occurrence: Jackson, Madison						
<b>Family Ranunculaceae - Buttercup Family</b>						
<i>Aconitum uncinatum</i>	blue monkshood		G4	S1		
<i>Actaea rubifolia</i>	Appalachian bugbane		G3	S1		
Counties of occurrence: Madison						
<i>Clematis morefieldii</i>	Morefield's leather-flower		G2	S2	LE	
Counties of occurrence: Jackson, Madison						
<i>Clematis socialis</i>	Alabama leather-flower		G1	S1	LE	
Counties of occurrence: Cherokee, Etowah, St. Clair						
<i>Delphinium alabamicum</i>	Alabama larkspur <sup>7</sup>		G3	S2		
Counties of occurrence: Autauga, Blount, Butler, Dallas, Franklin, Jefferson, Lawrence, Lowndes, Monroe, Morgan <sup>4</sup>						
<i>Delphinium carolinianum</i> ssp. <i>calciphilum</i>	prairie larkspur		G5T2T4	S1		
<i>Enemion biternatum</i>	false rue-anemone		G5	S2		
Counties of occurrence: Bibb, Colbert, Conecuh, Jackson, Madison, Tuscaloosa, Winston						
<i>Hydrastis canadensis</i>	golden seal		G3G4	S2		
Counties of occurrence: Blount, Franklin, Jackson, Lawrence, Marshall						
<i>Ranunculus flabellaris</i>	yellow water-crowfoot		G5	S1		
Counties of occurrence: Greene, Limestone, Madison, Sumter						
<i>Ranunculus longirostris</i>	eastern white water crowfoot		G5	S1		
Counties of occurrence: Morgan						
<i>Thalictrum debile</i>	southern meadowrue		G2	S2	UR	
Counties of occurrence: Colbert, Greene, Lawrence, Madison, Pickens, Sumter, Wilcox						
<i>Thalictrum mirabile</i>	Little Mountain meadowrue		G3Q	S2		
Counties of occurrence: Colbert, Franklin, Lawrence, Winston						
<b>ORDER RHAMNALES</b>						
<b>Family Rhamnaceae - Buckthorn Family</b>						
<i>Ceanothus microphyllus</i>	Little-leaf buckbrush			S2		
Counties of occurrence: Baldwin, Covington, Escambia, Geneva, Houston						
<i>Rhamnus lanceolata</i>	lance-leaved buckthorn		G5	S2		
Counties of occurrence: Butler, Dallas, Hale, Lowndes, Pickens, Sumter						
<i>Sageretia minutiflora</i>	tiny-leaved buckthorn		G4	S1		
Counties of occurrence: Baldwin, Mobile						

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<b>Family Vitaceae - Grape Family</b>						
<i>Vitis mustangensis</i>	mustang grape		G4?	S1		
Counties of occurrence: Wilcox						
<b>ORDER ROSALES</b>						
<b>Family Crassulaceae - Stonecrop Family</b>						
<i>Sedum nevii</i>	Nevius' stonecrop		G3	S3		
Counties of occurrence: Bibb, Fayette, Greene, Hale, Jefferson, Talladega, Tuscaloosa, Walker						
<b>Family Grossulariaceae - Gooseberry Family</b>						
<i>Ribes curvatum</i>	granite gooseberry		G4	S2		
Counties of occurrence: DeKalb, Jackson, Marshall						
<i>Ribes cynosbati</i>	prickly gooseberry		G5	S1S2		
Counties of occurrence: Cherokee, DeKalb, Jackson, Madison, Marshall						
<b>Family Rosaceae - Rose Family</b>						
<i>Agrimonia incisa</i>	incised groovebur		G3	S2		
Counties of occurrence: Baldwin, Bullock, Covington, Geneva, Mobile, Pike, Washington						
<i>Crataeus aemula</i>	Rome hawthorn		G2G3	S1		
<i>Crataegus ashei</i>	Ash's hawthorn		G1	S1		
Counties of occurrence: Autauga, Dallas, Lowndes, Montgomery						
<i>Crataegus triflora</i>	three-flowered hawthorn		G2G3	S2		
Counties of occurrence: Autauga, Clarke, Colbert, Crenshaw, Dallas, Franklin, Marion, Montgomery, Sumter						
<i>Geum vernum</i>	spring avens		G5	S1		
Counties of occurrence: Lawrence, Morgan						
<i>Geum virginianum</i>	pale avens		G5	S2		
Counties of occurrence: Jackson, Madison						
<i>Neviusia alabamensis</i>	Alabama snow-wreath		G2	S2		
Counties of occurrence: Bibb, Blount, Jackson, Jefferson, Limestone, Madison, St. Clair, Tuscaloosa						
<i>Rubus allegheniensis</i>	Allegheny blackberry		G5	S1		
Counties of occurrence: Madison						
<i>Spiraea tomentosa</i>	hardhack		G5	S1		
Counties of occurrence: Jackson						
<i>Waldsteinia lobata</i>	Piedmont barren strawberry		G2G3	S1		UR
Counties of occurrence: Lee, Randolph						
<b>Family Saxifragaceae - Saxifrage Family</b>						
<i>Boykinia aconitifolia</i>	brook saxifrage		G4	S1		
Counties of occurrence: Franklin, Marion						
<i>Chrysosplenium americanum</i>	American golden-saxifrage		G5	SH		
Counties of occurrence: Madison <sup>4</sup>						
<i>Heuchera longiflora</i>	long-flower alumroot		G4	S1		
Counties of occurrence: Clay, Talladega						
<i>Lepuropetalon spathulatum</i>	southern lepuropetalon		G4G5	S2		
Counties of occurrence: Butler, Choctaw, Conecuh, Crenshaw, Lee <sup>4</sup> , Marengo, Mobile, Monroe, Sumter						
<i>Mitella diphylla</i>	miterwort		G5	S1		
Counties of occurrence: Jackson, Morgan						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Parnassia asarifolia</i>	kidneyleaf grass-of-parnassus		G4		S2	
Counties of occurrence: Clay, Cleburne, Jackson, Lee						
<i>Parnassia grandifolia</i>	large-leaved grass-of-parnassus		G3		S1	
Counties of occurrence: Bibb, Choctaw <sup>4</sup> , Washington <sup>4</sup>						
<b>ORDER RUBIALES</b>						
<b>Family Rubiaceae - Madder Family</b>						
<i>Galium lanceolatum</i>	Torrey's wild licorice		G5		S1	
<b>ORDER SALICALES</b>						
<b>Family Salicaceae - Willow Family</b>						
<i>Salix floridana</i>	Florida willow		G2		S1	UR
Counties of occurrence: Butler, Covington, Houston						
<b>ORDER SANTALALES</b>						
<b>Family Santalaceae - Sandalwood Family</b>						
<i>Comandra umbellata</i>	bastard toad-flax		G5		S1	
Counties of occurrence: Colbert, Jackson						
<i>Nestronia umbellula</i>	nestronia		G4		S3	
Counties of occurrence: Bibb, Cherokee, Clarke, DeKalb, Hale, Lowndes, Marshall, Pike, Winston						
<i>Pyralaria pubera</i>	buffalo-nut		G5		S2	
Counties of occurrence: Cherokee, Cleburne, DeKalb, Tallapoosa						
<b>ORDER SAPINDALES</b>						
<b>Family Anacardiaceae - Cashew Family</b>						
<i>Cotinus obovatus</i>	American smoketree		G4		S2	
Counties of occurrence: DeKalb, Jackson, Madison, Morgan						
<b>Family Rutaceae - Rue Family</b>						
<i>Zanthoxylum americanum</i>	northern prickley ash		G5		S1	
Counties of occurrence: Bibb, Lowndes, Montgomery, Tuscaloosa						
<b>ORDER SCROPHULARIALES</b>						
<b>Family Acanthaceae - Acanthus Family</b>						
<i>Dyschoriste oblongifolia</i>	oblong-leaved dyschoriste		G4G5		S1	
Counties of occurrence: Barbour, Henry, Houston						
<i>Ruellia noctiflora</i>	night-flowering wild-petunia		G2		S1	
Counties of occurrence: Baldwin, Covington, Escambia, Mobile						
<b>Family Lentibulariaceae - Bladderwort Family</b>						
<i>Pinguicula planifolia</i>	Chapman's butterwort		G3?		S1S2	
Counties of occurrence: Baldwin, Covington, Mobile						
<i>Pinguicula pumila</i>	small butterwort		G4		S1?	
<i>Utricularia floridana</i>	Florida bladderwort		G3G5		S1S2	
Counties of occurrence: Covington, Houston, Mobile						
<i>Utricularia inflata</i>	swollen bladderwort		G5		S1S2	
Counties of occurrence: Autauga, Baldwin, Chilton						
<i>Utricularia olivacea</i>	dwarf bladderwort		G4		S1	
Counties of occurrence: Baldwin						

<sup>4</sup> Historic occurrence.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Utricularia resupinata</i> Counties of occurrence: Covington	northeastern bladderwort		G4	S1S2		
<b>Family Orobanchaceae - Broomrape Family</b>						
<i>Agalinis aphylla</i> Counties of occurrence: Baldwin, Mobile, Washington	leafless false-foxglove		G3G4	S2		
<i>Agalinis auriculata</i> Counties of occurrence: Montgomery <sup>4</sup> , Morgan <sup>4</sup> , Pickens, Wilcox <sup>4</sup>	auriculate false-foxglove		G3	S1		
<i>Agalinis divaricata</i> Counties of occurrence: Covington, Geneva	pineland false-foxglove		G3?	S1		
<i>Agalinis filicaulis</i> Counties of occurrence: Mobile	thin-stemmed false-foxglove		G3G4	S2		
<i>Agalinis gattingeri</i>	Gattinger's false-foxglove		G4	SH		
<i>Agalinis georgiana</i> Counties of occurrence: Covington, Geneva	Georgia false-foxglove		GNR	S1		
<i>Agalinis heterophylla</i> Counties of occurrence: Bullock, Dallas, Elmore, Hale, Marengo, Montgomery, Perry, Sumter	prairie false-foxglove		G4G5	S2		
<i>Agalinis linifolia</i> Counties of occurrence: Baldwin, Covington, Houston, Mobile	flax-leaf false-foxglove		G4?	S2		
<i>Agalinis oligophylla</i> Counties of occurrence: Dallas, Sumter	ridge-stem false-foxglove		G4	S1		
<i>Aureolaria patula</i> Counties of occurrence: Cherokee	spreading false-foxglove		G3	S1		
<i>Castilleja coccinea</i> Counties of occurrence: DeKalb, Jackson, Madison, Marshall	scarlet Indian paintbrush		G5	S1		
<i>Castilleja kraliana</i> Counties of occurrence: Bibb	Cahaba paintbrush <sup>7</sup>		G2	S2		
<i>Macranthera flamma</i> Counties of occurrence: Conecuh, Covington, Crenshaw, Escambia, Geneva, Mobile	flame flower		G3	S2		
<i>Orobanche uniflora</i> Counties of occurrence: Bibb, Blount, Bullock, Cherokee, Cullman, DeKalb, Etowah, Jackson, Marshall	one-flowered broomrape		G5	S2		
<i>Schwalbea americana</i> Counties of occurrence: Baldwin, Bullock, Geneva <sup>4</sup> , Mobile <sup>4</sup>	chaffseed		G2G3	S1		LE
<b>ORDER SOLANALES</b>						
<b>Family Convolvulaceae - Morning-glory Family</b>						
<i>Evolvulus sericeus</i> var. <i>sericeus</i> Counties of occurrence: Dallas	creeping morning-glory		G5T3T5	S1		
<i>Stylisma aquatica</i> Counties of occurrence: Covington, Dallas, Escambia, Geneva, Houston	water southern morning-glory		G4	S2		
<i>Stylisma pickeringii</i> var. <i>pickeringii</i> Counties of occurrence: Autauga, Dallas, Wilcox	Pickering's morning-glory		G4T3	S1		

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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**Family Cuscutaceae - Dodder Family**

*Cuscuta harperi* Harper's dodder G2G3 S2  
 Counties of occurrence: Chambers, Cherokee, DeKalb, Etowah, Franklin, Jackson, Jefferson, Marion, Marshall, Winston

**Family Hydrophyllaceae - Waterleaf Family**

*Hydrophyllum appendiculatum* appendage waterleaf G5 S2?  
 Counties of occurrence: Jackson

*Phacelia dubia* var. *georgiana* outcrop small-flower phacelia G5T3 S2  
 Counties of occurrence: Chambers, Chilton, Lee, Randolph, Tallapoosa

*Phacelia strictiflora* var. *robbinsii* prairie scorpion-weed G5T4 S1  
 Counties of occurrence: Sumter

**Family Polemoniaceae - Phlox Family**

*Phlox pulchra* Wherry's phlox<sup>7</sup> G1 S1  
 Counties of occurrence: Autauga, Bibb, Butler, Elmore, Lawrence, Pike, Shelby, Winston

**Family Solanaceae - Nightshade Family**

*Lycium carolinianum* Christmas berry G4 S1S2  
 Counties of occurrence: Mobile

*Calliphysalis carpenleri* carpenter's ground-cherry G3 S1  
 Counties of occurrence: Autauga, Monroe, Wilcox

*Solanum carolinense* var. *hirsutum* horse-nettle G5T1 S1  
 Counties of occurrence: Bibb, Coosa

**ORDER THEALES**

**Family Hypericaceae - St. John's-wort Family**

*Hypericum dolabriforme* straggling St. John's-wort G4 SH  
 Counties of occurrence: Cherokee<sup>4</sup>

*Hypericum harperi* Harper's St. John's-wort G3G4 S1  
 Counties of occurrence: Henry, Houston

*Hypericum lloydii* Lloyd St. John's-wort G4? S1  
 Counties of occurrence: Randolph

*Hypericum microsepalum* Flatwoods St. John's-wort G4 S1  
 Counties of occurrence: Houston

*Hypericum nitidum* Carolina St. John's-wort G4 S2  
 Counties of occurrence: Covington

*Hypericum nudiflorum* pretty St. John's-wort G5 S2  
 Counties of occurrence: Bibb, Butler, Choctaw, Clarke, Crenshaw, Henry, Lee, Madison, Tallapoosa, Wilcox

*Hypericum reductum* Atlantic St. John's-wort G5 S2  
 Counties of occurrence: Baldwin, Covington, Escambia, Geneva, Mobile, Washington

**Family Theaceae - Tea Family**

*Gordonia lasianthus* loblolly bay G5 S1  
 Counties of occurrence: Baldwin, Houston, Mobile, Monroe

*Stewartia malacodendron* silky camellia G4 S2S3  
 Counties of occurrence: Barbour, Bibb, Blount, Bullock, Butler, Chilton, Coosa, Dale, DeKalb, Geneva, Houston, Jackson, Marshall, Pike, Shelby

<sup>4</sup> Historic occurrence.

<sup>7</sup> Alabama endemic.

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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*Stewartia ovata* mountain camellia G4 S2S3  
 Counties of occurrence: Cullman, DeKalb, Franklin, Jackson, Lamar, Lawrence, Marion, Winston

**ORDER Urticales**

**Family Urticaceae - Nettle Family**

*Pilea fontana* springs clearweed G5 S1  
 Counties of occurrence: Houston, Jackson

**ORDER VIOLALES**

**Family Cistaceae - Rockrose Family**

*Helianthemum arenicola* coastal-sand frostweed G3 S1  
 Counties of occurrence: Baldwin, Mobile

**Family Violaceae - Violet Family**

*Viola canadensis* Canada violet G5 S2  
 Counties of occurrence: Autauga, Butler, DeKalb, Jackson, Lowndes, Tuscaloosa

*Viola egglestonii* Eggleston's violet G4 S1  
 Counties of occurrence: Franklin, Lawrence

**Class Pinopsida – Conifers**

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**ORDER PINALES**

**Family Cupressaceae - Cypress Family**

*Juniperus communis* ground juniper G5 S1  
 Counties of occurrence: Calhoun

**Family Pinaceae - Pine Family**

*Pinus clausa* sand pine G4 S2  
 Counties of occurrence: Baldwin

*Pinus serotina* pond pine G5 S1  
 Counties of occurrence: Barbour, Butler, Covington, Geneva, Pike

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
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## *Non-vascular plants*

### **MOSSES**

#### **Class Bryopsida – Mosses With Arthrodontous Peristome**

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##### **ORDER ARCHIDIALES**

###### **Family Archidiaceae**

*Archidium tenerrimum* large-spored moss G5? S1?

##### **ORDER BRYALES**

###### **Family Bryaceae**

*Brachymerium macrocarpon* tree moss GNRQ S1?

##### **ORDER DICRANALES**

###### **Family Bryoxiphiaceae**

*Bryoxiphium norvegicum* sword moss G5? S1

###### **Family Dicranaceae**

*Dichodontium pellucidum* a moss G4G5 S1

##### **ORDER FISSIDENTALES**

###### **Family Fissidentaceae**

*Fissidens hyalinus* filmy fissidens GNR S1

*Fissidens kegelianus* fan moss GNRQ S1?

*Fissidens neonii* moss G2? S1?

##### **ORDER GRIMMIALES**

###### **Family Grimmiaceae**

*Schistidium rivulare* streamside schistidium moss G4G5 S2?

Counties of occurrence: Jackson

##### **ORDER LEUCODONTALES**

###### **Family Fontinalaceae**

*Fontinalis welchiana* difficult moss GU S1?

Counties of occurrence: DeKalb

##### **ORDER POTTIALES**

###### **Family Calymperaceae**

*Syrrhopodon prolifer* moss G5 S1

###### **Family Pottiaceae**

*Tortula rhizophylla* moss G3G5 S1

Counties of occurrence: Shelby

*Trichostomum crispulum* moss G4G5 S2

Counties of occurrence: Morgan

### **LIVERWORTS**

#### **Class Jungermanniopsida – Liverworts**

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##### **ORDER JUNGERMANNIALES**

###### **Family Jubulaceae**

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	SWAP Status
<i>Frullania riparia</i> Counties of occurrence: Jackson	liverwort			G4G5	S1?	
<b>Family Lejeuneaceae</b>						
<i>Cheilolejeunea evansii</i>	liverwort			G1G2	S1	
<i>Cololejeunea ornata</i> Counties of occurrence: Jackson	liverwort			G2G4	S1	
<i>Lejeunea blomquistii</i>	liverwort			GNR	S1	
<i>Lejeunea cardoti</i> Counties of occurrence: Lamar	liverwort			G3	S1	
<b>Family Plagiochilaceae</b>						
<i>Homaliadelphus sharpii</i>	liverwort			GNR	S1	
<i>Myurella siberica</i>	liverwort			GNR	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 cincinnatiensis</i>	Gulf riffleshell
<i>Epioblasma flexuosa</i>	leafshell
<i>Epioblasma haysiana</i>	acornshell
<i>Epioblasma lenior</i>	narrow catspaw
<i>Epioblasma lewisii</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>	tubercled 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 haddletoni</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 rocksnail <sup>7</sup>
<i>Leptoxis lirata</i>	lirate rocksnail <sup>7</sup>
<i>Leptoxis minor</i>	knob mudalia <sup>7</sup>
<i>Leptoxis occultata</i>	bigmouth rocksnail <sup>7</sup>
<i>Leptoxis showalterii</i>	Coosa rocksnail <sup>7</sup>
<i>Leptoxis torrefacta</i>	squat rocksnail <sup>7</sup>
<i>Leptoxis vittata</i>	striped rocksnail <sup>7</sup>

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

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

## References

- American Ornithologists' Union. 1998. Check-list of North American Birds. 7<sup>th</sup> edition. American Ornithologists' Union, Washington, D.C. 829 pages.
- Best, T. L. and J. L. Dusi. 2014. Mammals of Alabama. University of Alabama Press, Tuscaloosa, Alabama. 496 pages.
- Boschung, H. T., and R. L. Mayden. 2004. Fishes of Alabama. Smithsonian Institution Press, Washington, D.C. 736 pages.
- Chesser, R. T., R. C. Banks, K. J. Burns, C. Cicero, J. L. Dunn, A. W. Kratter, I. J. Lovette, A. G. Navarro-Sigüenza, P. C. Rasmussen, J. V. Remsen, Jr., J. D. Rising, D. F. Stotz, and K. Winker. 2015. Fifty-sixth supplement to the American Ornithologists' Union Checklist of North American Birds. *The Auk* 132: 748-764.
- Crother, B. I. (editor). 2012. Scientific and standard English names of Amphibians and Reptiles of North America North of Mexico, with comments regarding confidence in our understanding. Seventh Edition. Society for the Study of Amphibians and Reptiles Herpetological Circular 39:1-92.
- Mettee, M. F., P. E. O'Neil, and J.M. Pierson. 1996. Fishes of Alabama and the Mobile Basin. Oxmoor House, Inc., Birmingham, Alabama. 820 pages.
- Mirarchi, R. E., editor. 2004. Alabama Wildlife. Volume 1. A checklist of vertebrates and selected invertebrates: aquatic mollusks, fishes, amphibians, reptiles, birds, and mammals. The University of Alabama Press, Tuscaloosa, Alabama. 209 pages.
- Ruane, S., R. W. Bryson Jr., R. A. Pyron, and F. T. Burbrink. 2014. Coalescent species delimitation in milksnakes (genus *Lampropeltis*) and impacts on phylogenetic comparative analyses. *Systematic Biology* 63:231-250.
- Williams, J. D., A. E. Bogan, and J. T. Garner. 2008. Freshwater mussels of Alabama and the Mobile Basin in Georgia, Mississippi, and Tennessee. University of Alabama Press, Tuscaloosa, Alabama. 960 pages.