

Determination of Impact: The Escatawpa River, will be crossed via horizontal directional drill (HDD) in accordance with U.S. Army Corps. of Engineers (USACE) requirements. In our opinion, due to this species' discontinuous population, the overall lack of appropriate habitat along the project route and the Escatawpa River being crossed via HDD, this project will not likely adversely affect this species.

3.4.12 Iron Colored Shiner

Current Federal Status: This species has a very sporadic distribution. Due to this it is considered to be endangered throughout its range.

Habitat and Range Requirements: This fish can be found throughout the Atlantic and Gulf coast drainages from Maine to Texas. It has a very sporadic distribution in south Alabama from the Chipola River system west to Big Creek in Mobile County.

This shiner inhabits small, slow, acidic blackwater streams draining swamps and other types of vegetated wetlands. Spawning in Alabama likely occurs from April to August. During spawning, females use sand-bottomed pools to broadcast their eggs.

Potential for Occurrence: The project does cross the Escatawpa River twice along with large tributaries such as Big Creek. It is unlikely but not impossible that this species could be found within the project vicinity.

Determination of Impact: The proposed project crosses Big Creek; however, this creek will be crossed via HDD. It is our opinion that due to the sporadic and discontinuous distribution of this species and the fact that Big Creek will be drilled, this project will not likely adversely affect this species.

3.4.13 Louisiana quillwort

Current Federal Status: Endangered throughout its range.

Habitat and Range Requirements: This species is found associated with mineral soil in bottomland forested wetlands. These wetlands typically see seasonal flooding. Overstory trees are typically several species of oak including water oak and water oak, as well as red maple, tulip poplar, and black gum. The shrub layer is sparse with titi usually being the dominate plant. This species is also typically associated with perennial waterbodies (MDWFP, 2001).

Potential for Occurrence: Most of the documented occurrences of this species in Mississippi occur in colonies around the De Soto Ranger District of DNF (Forrest, Perry, Stone, Harrison, and extreme northwest Jackson counties) (MDWFP, 2001). The proposed project occurs in the far southeastern corner of Jackson County. It is unlikely that this species would be found in this area with no known occurrences.

Determination of Impact: No known occurrences have been documented in the vicinity of the proposed project. The known colonies of this species occur over 20 miles to the northwest of the proposed project. Experienced wetland delineators conducted an extensive wetland delineation throughout the project area taking over 500 data points documenting several hundred species. Not

one included an observation of this species. It is SWCA's professional opinion that this species will not be adversely affected by this project.

4.0 LIMITATIONS AND WARRANTY

Within the limitations of schedule, budget, and scope of work, SWCA warrants that this study was conducted in accordance with accepted environmental science practices, including the technical guidelines, evaluation criteria, and species' listing status in effect at the time this evaluation was performed.

The results and conclusions of this report represent the best professional judgment of SWCA scientists. No other warranty, expressed or implied, is made.

Please be aware that only the USFWS and/or lead federal agency can determine compliance with the Endangered Species Act.

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



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Appendix A

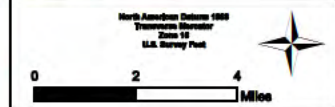
**USFWS and Alabama and Mississippi Threatened and Endangered Species Lists and NDD
occurrence map**

**PLAINS
 SOUTHCAP L.L.C.**
**NDD MAP
 41-MILE-LONG TEN-MILE FACILITY
 TO PASCAGOULA
 PIPELINE PROJECT**
**JACKSON COUNTY, MS
 MOBILE COUNTY, AL**

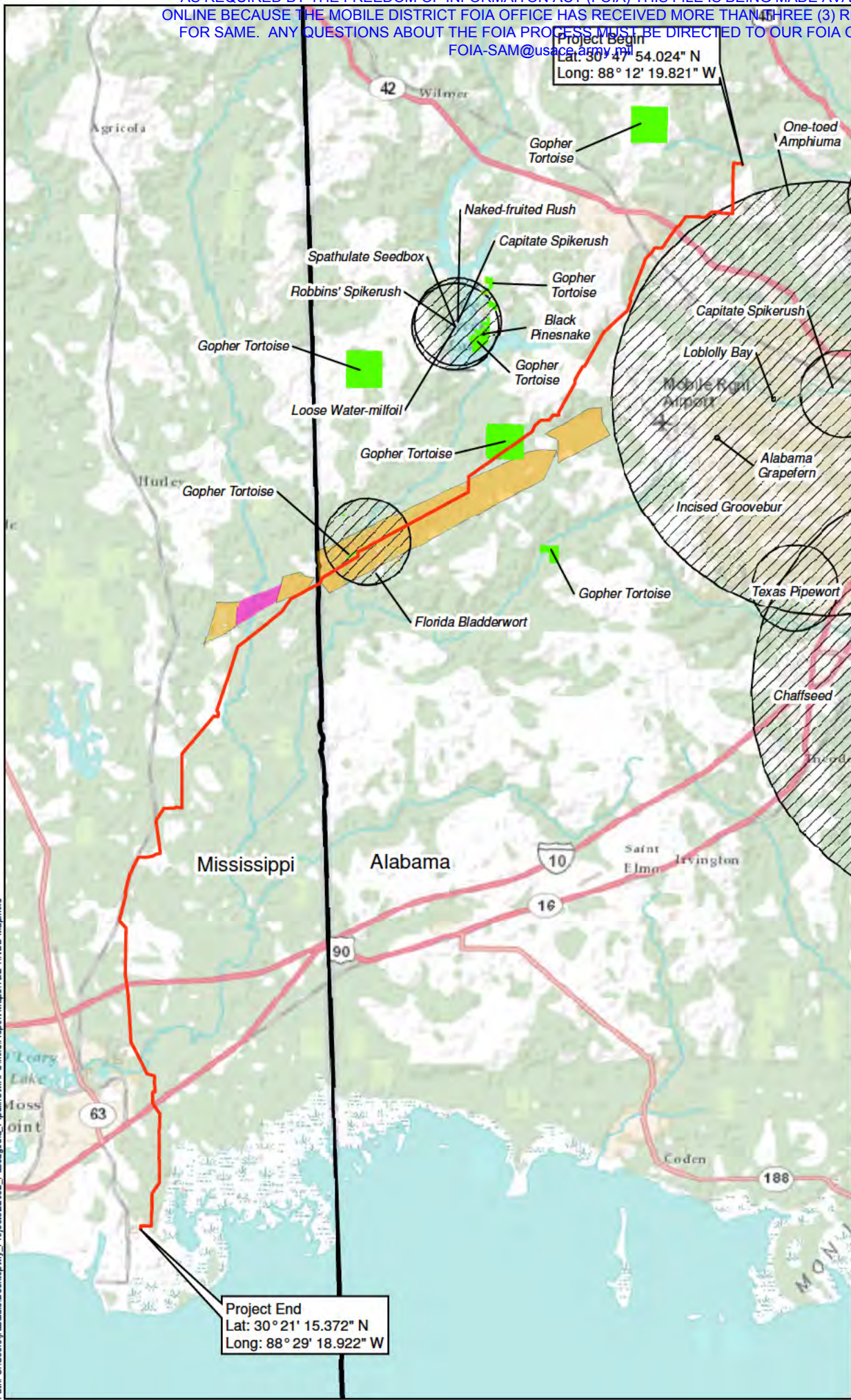
- Legend**
-  Project Centerline
 -  All Other Species
 -  Gopher Tortoise
 -  Potential Habitat Black Bear
 -  Potential Habitat Gopher Tortoise / Red Cockaded Woodpecker



Background/USA Topo maps (ESRI BaseMap)
 Topographic Quad Name:
 Mapper: JH
 Approved By: JEM
 SWCA Project No: 22932
 Date Produced: 08/24/2012
 Revision Date:



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The Alabama Nature Heritage Program

Home > Data> Search Rare Species List> Search by County

Search results for county Mobile:

Rare, Threatened, & Endangered Species & Natural Communities Documented in Mobile County, Alabama

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	State Priority
<u>Amphibians</u>						
<i>Ambystoma bishopi</i>	Reticulated Flatwoods Salamander ⁴	G2G3	S1	LT	SP	P1
<i>Ambystoma tigrinum</i>	Tiger Salamander	G5	S3			
<i>Amphiuma means</i>	Two-toed Amphiuma	G5	S3			
<i>Amphiuma pholeter</i>	One-toed Amphiuma	G3	S1		SP	P2
<i>Desmognathus auriculatus</i>	Southern Dusky Salamander	G5	S2		SP	P1
<i>Rana heckscheri</i>	River Frog ⁵	G5	S1			
<i>Rana sevosia</i>	Mississippi Gopher Frog ⁶	G1	SH	LE	SP	P1
<u>Birds</u>						
<i>Ammodramus henslowii</i>	Henslow's Sparrow	G4	S2N		SP	P1
<i>Ammodramus leconteii</i>	Le Conte's Sparrow	G4	S3N		SP	
<i>Ammodramus maritimus</i>	Seaside Sparrow	G4	S2		SP	P2
<i>Ammodramus nelsoni</i>	Nelson's Sparrow	G5	S3N		SP	P2
<i>Anas fulvigula</i>	Mottled Duck	G4	S2N,S3B		SP	
<i>Asio flammeus</i>	Short-eared Owl	G5	S2N		SP	P2
<i>Athene cunicularia</i>	Burrowing Owl	G4	S2N		SP	
<i>Charadrius alexandrinus</i>	Snowy Plover	G4	S1B,S2N		SP	P1
<i>Charadrius melodus</i>	Piping Plover	G3	S1N	LE, LT7	SP	P1
<i>Charadrius wilsonia</i>	Wilson's Plover	G5	S1		SP	P1
<i>Circus cyaneus</i>	Northern Harrier	G5	S3N		SP	P2
<i>Cistothorus palustris</i>	Marsh Wren	G5	S2B,S4N		SP	

<i>Columbina passerina</i>	Common Ground-dove	G5	S3		SP	
<i>Coturnicops noveboracensis</i>	Yellow Rail	G4	S2N		SP	P2
<i>Crotophaga sulcirostris</i>	Groove-billed Ani	G5	S2N		SP	
<i>Egretta rufescens</i>	Reddish Egret	G4	S1B,S3N		SP	P2
<i>Elanoides forficatus</i>	Swallow-tailed Kite	G5	S2		SP	P2
<i>Eudocimus albus</i>	White Ibis	G5	S2B,S3N		SP	
<i>Gelochelidon nilotica</i>	Gull-billed Tern	G5	S2B,S4N		SP	
<i>Haematopus palliatus</i>	American Oystercatcher	G5	S1		SP	P1
<i>Hydroprogne caspia</i>	Caspian Tern	G5	S2B,S4N		SP	
<i>Ixobrychus exilis</i>	Least Bittern	G5	S2N,S4B		SP	P2
<i>Laterallus jamaicensis</i>	Black Rail	G4	S2N		GB	P2
<i>Mycteria americana</i>	Wood Stork	G4	S2N	LE	SP	P2
<i>Numenius americanus</i>	Long-billed Curlew	G5	S2N		SP	
<i>Passerina ciris</i>	Painted Bunting	G5	S2B		SP	
<i>Peucaea aestivalis</i>	Bachman's Sparrow	G3	S3		SP	P2
<i>Plegadis falcinellus</i>	Glossy Ibis	G5	S1B,S3N		SP	
<i>Porphyrio martinica</i>	Purple Gallinule	G5	S3B		GB	
<i>Rallus elegans</i>	King Rail	G4	S2S3B,S4N	SC	GB	
<i>Rallus longirostris</i>	Clapper Rail	G5	S2	SC	GB	
<i>Rynchops niger</i>	Black Skimmer	G5	S2B,S4N		SP	
<i>Scolopax minor</i>	American Woodcock	G5	S3B,S5N		GB	P2
<i>Sterna forsteri</i>	Forster's Tern	G5	S1B,S5N		SP	
<i>Sterna hirundo</i>	Common Tern	G5	S1B,S4N		SP	
<i>Sternula antillarum</i>	Least Tern	G4	S2B,S4N		SP	
<i>Thalasseus maximus</i>	Royal Tern	G5	S2B, S5N		SP	
<i>Thalasseus sandvicensis</i>	Sandwich Tern	G5	S1B,S5N		SP	
<i>Tringa semipalmata</i>	Willet	G5	S2B,S5N		SP	
<i>Tyrannus dominicensis</i>	Gray Kingbird	G5	S2B		SP	
<i>Tyrannus forficatus</i>	Scissor-tailed Flycatcher	G5	S2		SP	
<u>Crustaceans</u>						
<i>Cambarellus diminutus</i>	Least Crayfish	G3	S3			P2
<i>Cambarellus shufeldtii</i>	Cajun Dwarf Crayfish	G5	S2			
<i>Cambarus lesliei</i>	Angular Dwarf Crayfish	G3	S3			P2

<i>Fallicambarus danielae</i>	Speckled Burrowing Crayfish	G2	S1				P2
<i>Fallicambarus oryktes</i>	Flatwoods Digger5	G4	S1				P2
<i>Procambarus bivittatus</i>	Ribbon Crayfish5	G5	S3S4				
<i>Procambarus clemmeri</i>	Cockscomb Crayfish	G5	S2				
<i>Procambarus evermanni</i>	Panhandle Crayfish	G4	S3				
<i>Procambarus lecontei</i>	Mobile Crayfish	G3G4	S3				
<i>Procambarus penni</i>	Pearl Blackwater Crayfish5	G3	S2				
<i>Procambarus shermani</i>	Gulf Crayfish	G4	S2				
<u>Fish</u>							
<i>Acipenser oxyrinchus desotoi</i>	Gulf Sturgeon3	G3T2	S1	LT	SP		P2
<i>Alosa alabamae</i>	Alabama Shad5	G3	S2	SC8	SP		P2
<i>Ammocrypta vivax</i>	Scaly Sand Darter	G5	S1				
<i>Atractosteus spatula</i>	Alligator Gar	G3G4	S2		CNGF		
<i>Cycleptus meridionalis</i>	Southeastern Blue Sucker	G3G4	S3		CNGF		
<i>Enneacanthus gloriosus</i>	Bluespotted Sunfish	G5	S3		GF		
<i>Etheostoma fusiforme</i>	Swamp Darter	G5	S3				
<i>Etheostoma lynceum</i>	Brighteye Darter	G5	S1		SP		P1
<i>Fundulus blaire</i>	Western Starhead Topminnow	G4	S3				
<i>Fundulus chrysotus</i>	Golden Topminnow	G5	S3				
<i>Fundulus cingulatus</i>	Banded Topminnow	G4	S2				
<i>Fundulus dispar</i>	Starhead Topminnow	G4	S2				
<i>Fundulus jenkinsi</i>	Saltmarsh Topminnow	G3	S1	SC9			
<i>Fundulus pulvereus</i>	Bayou Killifish	G5	S2				
<i>Heterandria formosa</i>	Least Killifish	G5	S3				
<i>Hiodon tergisus</i>	Mooneye	G5	S3S4				
<i>Lucania parva</i>	Rainwater Killifish	G5	S3				
<i>Lythrurus roseipinnis</i>	Cherryfin Shiner	G5	S2				
<i>Notropis chalybaeus</i>	Ironcolor Shiner5	G4	SH		SP		P1
<i>Notropis maculatus</i>	Taillight Shiner	G5	S3				
<i>Notropis petersoni</i>	Coastal Shiner	G5	S2				
<i>Noturus mocturnus</i>	Freckled Madtom	G5	S3		CNGF		
<i>Perca flavescens</i>	Yellow Perch	G5	S3		GF		

<i>Poecilia latipinna</i>	Sailfin Molly	G5	S2			
<i>Polyodon spathula</i>	Paddlefish	G4	S3		SP10	
<i>Pteronotropis signipinnis</i>	Flagfin Shiner	G5	S3			
<u>Insects</u>						
<i>Brachycentrus chelatus</i>	Caddisfly	G4	S1			
<i>Ceraclea resurgens</i>	Caddisfly	G5	S1			
<i>Chimarra falculata</i>	Caddisfly	G4	S1			
<i>Hydroptila parastrepha</i>	Caddisfly	G2G3	S1			
<i>Hydroptila scheiringi</i>	A Caddisfly	G1G2	S1			
<i>Neotrichia mobilensis</i>	Caddisfly	G1G2	S1S2			
<i>Nyctiophylax morsei</i>	Caddisfly	G2	S1			
<i>Oxyethira anabola</i>	Caddisfly	G4G5	S1			
<i>Oxyethira sininsigne</i>	Caddisfly	G3G4	S1			
<i>Polycentropus clinei</i>	A Caddisfly	G5	SNR			
<u>Mammals</u>						
<i>Lasiurus intermedius</i>	Northern Yellow Bat	G4G5	S1			P2
<i>Trichechus manatus</i>	West Indian Manatee	G2	S1	LE	SP	P1
<i>Trichechus manatus</i>	West Indian Manatee	G2G3	S1	LE	SP	P1
<i>Ursus americanus</i>	Black Bear	G5T2	S2		GANOS	P1
<u>Mussels</u>						
<i>Glebula rotundata</i>	Round Pearlshell	G4G5	S2			PS
<i>Ligumia subrostrata</i>	Pondmussel	G5	S3			PS
<u>Natural Communities</u>						
<i>Aristida beyrichiana</i> - <i>Rhynchospora oligantha</i> - <i>Panicum nudicaule</i> - (<i>Eurybia eryngiifolia</i>)	East Gulf Coastal Plain Seepage Bog (upper Terrace Type)	G2	S2			
<i>Herbaceous Vegetation</i>						
<i>Ceratiola ericoides</i> - (<i>Chrysoma pauciflosculosa</i>) / <i>Polygonella polygama</i> / <i>Cladonia leporina</i>	Coastal Rosemary - Woody-goldenrod Scrub	G2?	SNR			
<i>Shrubland</i>						
<i>Juncus roemerianus</i> - <i>Herbaceous Vegetation</i>	Needlerush High Marsh	G5	S2S3			
<i>Nyssa biflora</i> / <i>Ilex myrtifolia</i> / <i>Carex glaucescens</i> -	East Gulf Coastal Plain Blackgum Dome Swamp	G2G3	SNR			

<i>Eriocaulon compressum</i> Forest			
<i>Pinus palustris</i> - (<i>Pinus elliottii</i> var. <i>elliottii</i>)/ <i>Ctenium aromaticum</i> - <i>Carphephorus pseudoliatris</i> - (<i>Sarracenia alata</i>) Woodland	East Gulf Coastal Plain Wet Longleaf Pine Savanna	G3?	S2
<i>Quercus laurifolia</i> - <i>Magnolia virginiana</i> - <i>Nyssa biflora</i> / <i>Chasmanthium ornithorhynchum</i> Forest	East Gulf Coastal Plain Blackgum Bayhead Forest (clayey Type)	G2?	S2
<i>Quercus virginiana</i> - (<i>Juniperus virginiana</i>) - <i>Zanthoxylum clavaherculis</i> / <i>Sideroxylon lanuginosum</i> Woodland	Gulf Coast Shell Midden Woodland	G2G3	SNR
<i>Sarcocornia perennis</i> - (<i>Batis maritima</i> , <i>Distichlis spicata</i>) Dwarf-shrubland	Salt Flat (woody Glasswort Type)	G4	S1
<i>Spartina alterniflora</i> - <i>Juncus roemerianus</i> - <i>Distichlis spicata</i> Louisianian Zone Salt Tidal Herbaceous Vegetation	Gulf Coast Cordgrass Salt Marsh	G5	S2S3
<i>Spartina patens</i> - <i>Schizachyrium maritimum</i> - <i>Solidago sempervirens</i> Herbaceous Vegetation	East Gulf Coastal Plain Cordgrass Dune Grassland	G3?	SNR
<i>Spartina patens</i> - <i>Schoenoplectus (americanus, pungens)</i> - (<i>Distichlis spicata</i>) Herbaceous Vegetation	Saltmeadow Cordgrass - (chairmaker's Bulrush, Threesquare) - (saltgrass) Herbaceous Vegetation	G4?	SNR
<i>Spartina spartinae</i> - <i>Sporobolus virginicus</i> Tidal Herbaceous	Gulf Coast Irregularly Flooded Tidal Marsh	G4G5	SNR

Vegetation

Taxodium ascendens -

Ilex myrtifolia -

Hypericum myrtifolium Pond-cypress Dome

G3

S1

- *Lobelia floridana* - Swamp

Polygala cymosa

Woodland

Reptiles

Apalone ferox Florida Softshell

G5

S2

RT

Caretta caretta Loggerhead Sea Turtle

G3

S1

LT

SP

P1

Chelonia mydas Green Sea Turtle¹¹

G3

S1

LE,
LT¹²

SP

P1

Crotalus adamanteus Eastern Diamondback
Rattlesnake

G4

S3

P2

Deirochelys reticularia Chicken Turtle

G5

S3

Dermochelys coriacea Leatherback Sea
Turtle¹³

G2

SNA

LE

SP

P1

Drymarchon couperi Eastern Indigo Snake

G3

S1

LT

SP

P1,
possibly
extirpated

*Farancia
erythrogramma* Rainbow Snake

G4

S3

SP

P2

Gopherus polyphemus Gopher Tortoise

G3

S3

LT¹⁴

SP

P2

*Graptemys nigrinoda
delticola* Delta Map Turtle²

G3T2Q

S2

SP

Graptemys pulchra Alabama Map Turtle

G4

S3

SP

*Lampropeltis
calligaster
rhombomaculata* Mole Kingsnake

G5T5

S3

*Lampropeltis getula
getula* Eastern Kingsnake

G5T5

S4

SP

P2

*Lampropeltis getula
holbrooki* Speckled Kingsnake

G5T5

S4

SP

P2

Lepidochelys kempii Kemp's Ridley Sea
Turtle¹⁵

G1

S1

LE

SP

P1

*Macrochelys
temminckii* Alligator Snapping
Turtle

G3G4

S3

SP

P2

*Malaclemys terrapin
pileata* Mississippi
Diamondback Terrapin

G4T3Q

S2

SP

P1

Masticophis flagellum Coachwhip

G5

S3

SP

Micrurus fulvius Eastern Coral Snake

G5

S3

SP

P2

<i>Nerodia clarkii clarkii</i>	Gulf Salt Marsh Snake	G4T4	S2		SP	
<i>Nerodia cyclopion</i>	Green Water Snake	G5	S1S2			
<i>Ophisaurus mimicus</i>	Mimic Glass Lizard ¹⁶	G3	S2		SP	P2
<i>Pituophis melanoleucus lodingi</i>	Black Pine Snake	G4T2T3	S2	C	SP	P1
<i>Plestiodon anthracinus</i>	Coal Skink ¹⁷	G5	S3		SP	P2
<i>Plestiodon inexpectatus</i>	Southeastern Five-lined Skink	G5	S3		SP	P2
<i>Pseudemys alabamensis</i>	Alabama Redbelly Turtle	G1	S1	LE	SP	P1
<i>Rhadinaea flavilata</i>	Pine Woods Snake	G4	S2			
<i>Sternotherus carinatus</i>	Razorback Musk Turtle	G5	S1			
<u>Snails</u>						
<i>Ferrissia mcneili</i>	Hood Ancyloid ²	G2G3	S2			
<u>Vascular Plants</u>						
<i>Agalinis aphylla</i>	Leafless False-foxtail	G3G4	S2			
<i>Agalinis filicaulis</i>	Thin-stemmed False-foxtail	G3G4	S2			
<i>Agalinis linifolia</i>	Flax-leaf False-foxtail	G4?	S2			
<i>Agrimonia incisa</i>	Incised Groovebur	G3	S2			
<i>Andropogon virginicus var. glaucus</i>	Beardgrass	G5T4T5	S2			
<i>Botrychium jenmanii</i>	Alabama Grapefern	G3G4	S1			
<i>Calopogon barbatus</i>	Bearded Grass-pink	G4?	S1			
<i>Calopogon multiflorus</i>	Many-flowered Grass-pink	G2G3	S1			
<i>Canna flaccida</i>	Bandana-of-the-everglades	G4?	S1			
<i>Carex striata</i>	Walter's Sedge	G4G5	S1			
<i>Chasmanthium nitidum</i>	Shiny Spikegrass	G3	S1			
<i>Cirsium lecontei</i>	Le Conte's Thistle	G2G3	S1			
<i>Cladium mariscoides</i>	Twig Rush	G5	S1			
<i>Coreopsis gladiata</i>	Southeastern Tickseed	G4G5	S2			
<i>Coreopsis nudata</i>	Georgia Tickseed	G3?	S1			
<i>Eleocharis olivacea</i>	Capitate Spikerush	G5	S1			
<i>Eleocharis robbinsii</i>	Robbins' Spikerush	G4G5	S1			
<i>Eleocharis rostellata</i>	Beaked Spikerush	G5	S1			

<i>Epidendrum magnoliae</i>	Green-fly Orchid	G4	S2
<i>Eriocaulon texense</i>	Texas Pipewort	G4	S2
<i>Eurybia chapmanii</i>	Chapman Aster	G2G3	SH
<i>Gordonia lasianthus</i>	Loblolly Bay	G5	S1
<i>Helianthemum arenicola</i>	Coastal-sand Frostweed	G3	S1
<i>Hibiscus coccineus</i>	Brilliant Hibiscus	G4?	S1
<i>Hypericum reductum</i>	Atlantic St. John's-wort	G5	S2
<i>Ilex amelanchier</i>	Serviceberry Holly	G4	S2
<i>Juncus gymnocarpus</i>	Naked-fruited Rush	G4	S2
<i>Lachnocaulon digynum</i>	Pineland Bogbutton	G3	S2
<i>Lepuropetalon spathulatum</i>	Southern Lepuropetalon5	G4G5	SH
<i>Lilaeopsis carolinensis</i>	Carolina Lilaeopsis	G3G5	S1
<i>Lindera subcoriacea</i>	Bog Spicebush	G2G3	S1
<i>Linum macrocarpum</i>	Flax	G2	S1
<i>Ludwigia arcuata</i>	Pond Seedbox	G4G5	SH
<i>Ludwigia spathulata</i>	Spathulate Seedbox	G2	S1S2
<i>Lycium carolinianum</i>	Christmas Berry	G4	S1S2
<i>Macranthera flammea</i>	Flame Flower	G3	S2
<i>Myriophyllum laxum</i>	Loose Water-milfoil	G3	S2
<i>Orbexilum simplex</i>	Single-stemmed Scurf-pea	G4G5	SH
<i>Panicum nudicaule</i>	Naked-stemmed Panic Grass	G3Q	S2
<i>Peltandra sagittifolia</i>	Spoon-flower	G3G4	S2
<i>Pieris phillyreifolia</i>	Climbing Fetter-bush	G3	S2
<i>Pinguicula planifolia</i>	Chapman's Butterwort	G3?	S1S2
<i>Platanthera blephariglottis</i> var. <i>conspicua</i>	Large White Fringed Orchid	G4G5T3T4	S1S2
<i>Platanthera integra</i>	Yellow Fringeless Orchid	G3G4	S2
<i>Platanthera nivea</i>	Snowy Orchis	G5	S2
<i>Polygala crenata</i>	Crenate Milkwort	G4?	S1
<i>Pteroglossaspis ecristata</i>	Crestless Eulophia	G2	S1
<i>Ptilimnium costatum</i>	Eastern Bishop-weed	G4	S1
<i>Quercus similis</i>	Bottomland-post Oak	G4	S1

<i>Rhynchospora crinipes</i>	Hairy-peduncled Beakrush	G2	S1	
<i>Rhynchospora macra</i>	Southern White Beak Rush	G3	S1	
<i>Rhynchospora stenophylla</i>	Chapman Beakrush	G4	S2	
<i>Rhynchospora tracyi</i>	Tracy's Beak Rush	G4	S1	
<i>Ruellia noctiflora</i>	Night-flowering Wild-petunia	G2	S1	
<i>Sageretia minutiflora</i>	Tiny-leaved Buckthorn	G4	S1	
<i>Sarracenia leucophylla</i>	Whitetop Pitcher-plant	G3	S3	
<i>Sarracenia rubra ssp. wherryi</i>	Wherry's Sweet Pitcher-plant	G4T3	S3	
<i>Schizachyrium maritimum</i>	Gulf Bluestem	G3G4Q	S1	
<i>Schizachyrium scoparium ssp. divergens</i>	Eastern Little Bluestem	G5T5	SH	
<i>Schwalbea americana</i>	Chaffseed5	G2G3	S1	LE
<i>Spiranthes longilabris</i>	Giant Spiral Ladies'-tresses	G3	S1	
<i>Utricularia floridana</i>	Florida Bladderwort	G3G5	S1S2	
<i>Xyris chapmanii</i>	Chapman's Yellow-eyed Grass	G3	S1	
<i>Xyris drummondii</i>	Drummond's Yellow-eyed Grass	G3	S3	
<i>Xyris scabrifolia</i>	Harper's Yellow-eyed Grass	G3	S1S2	

1 Priority as identified in the State Wildlife Action Plan and its list of Species of Greatest Conservation Concern (for more information on SWAP, see <http://www.outdooralabama.com/research-mgmt/swcs/>).

2 Alabama endemic.

3 No occurrence record in ALNHP database but the US Fish & Wildlife Service (<http://www.fws.gov/daphne/es/specieslst.html#Mobile>) lists this species as occurring in Mobile County.

4 Historic occurrence, not documented in Alabama since 1981.

5 Historic occurrence.

6 Historic occurrence, possibly extirpated in Alabama.

7 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.

8 Listed as a species of concern by the National Marine Fisheries Service (Federal Register

- 69(73):19975-19979, available at).
- 9 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>)
- 10 Polydon spathula protected by Regulations 220-2-.94, page 63, and 220-2-.43, page 62, of the Alabama Regulations for 2007-2008 on Game, Fish, and Fur Bearing Animals.
- 11 Possible occurrence
- 12 Listed as Threatened throughout most of its range, including Alabama, except in Florida and Mexico where it is listed as Endangered.
- 13 Occasional visitor but not known to nest in state.
- 14 Listed by USFWS as Threatened west of the Mobile and Tombigbee rivers in Alabama (Choctaw, Mobile, and Washington counties), Mississippi, and Louisiana. Eastern populations were elevated to a candidate for protection under the federal Endangered Species Act 27 July 2011.
- 15 Possible Occurrence.
- 16 Historic occurrence
- 17 Historic Occurrence

USFWS Designated Critical Habitat in Mobile County, Alabama

Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	State Priority
<u>Birds</u> <i>Charadrius melodus</i>	Piping Plover	G3	S1N	LE, LT	SP	P1

Location: Coastal islands.

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Last Updated: May 18, 2011