

Species of Greatest Conservation Need Mississippi Alluvial Plain Ecoregion

Common Name	Scientific Name	Boston Mountains Arkansas Valley Ouachita Mountains South Central Plains Mississippi Alluvial Plains Crowley's Ridge Ozark Mountains								Most Important Habitat
Amphibian										
Bird-voiced Treefrog	<i>Hyla avivoca</i>		X	X	X	X				West Gulf Coastal Plain Large River Floodplain Forest; Lower Mississippi River Low Bottomland Forest; Ponds, Lakes, and Water Holes
Dwarf Salamander	<i>Eurycea quadridigitata</i>					X	X			West Gulf Coastal Plain Small Stream/River Forest; West Gulf Coastal Plain Large River Floodplain Forest; West Gulf Coastal Plain Seepage Swamp and Baygall
Eastern Spadefoot	<i>Scaphiopus holbrookii</i>						X	X	X	Ponds, Lakes, and Water Holes; Mississippi River Alluvial Plain Loess Slope Forest; Crop Land
Illinois Chorus Frog	<i>Pseudacris illinoensis</i>						X			Ponds, Lakes, and Water Holes; Crop Land
Mole Salamander	<i>Ambystoma talpoideum</i>			X	X	X	X			Ozark-Ouachita Pine-Oak Forest; West Gulf Coastal Plain Small Stream/River Forest; West Gulf Coastal Plain Wet Hardwood Flatwoods
Northern Crawfish Frog	<i>Rana areolata circulosa</i>			X		X	X			Arkansas Valley Prairie and Woodland; Southeastern Great Plains Tallgrass Prairie; Lower Mississippi Alluvial Plain Grand Prairie
Spotted Dusky Salamander	<i>Desmognathus conanti</i>					X	X	X		West Gulf Coastal Plain Small Stream/River Forest; West Gulf Coastal Plain Seepage Swamp and Baygall; Mississippi River Alluvial Plain Loess Slope Forest
Bird										
American Avocet	<i>Recurvirostra americana</i>			X	X	X		X		Ponds, Lakes, and Water Holes
American Bittern	<i>Botaurus lentiginosus</i>		X		X	X				Lower Mississippi Alluvial Plain Grand Prairie; Ponds, Lakes, and Water Holes
American Black Duck	<i>Anas rubripes</i>		X		X	X				Ponds, Lakes, and Water Holes; West Gulf Coastal Plain Wet Hardwood Flatwoods; Lower Mississippi River Riparian Forest
American White Pelican	<i>Pelecanus erythrorhynchos</i>		X		X	X				Ponds, Lakes, and Water Holes
American Woodcock	<i>Scolopax minor</i>	X	X	X	X	X	X	X	X	Mississippi River Alluvial Plain Loess Slope Forest; Lower Mississippi River Bottomland Depression; Arkansas Valley Prairie and Woodland
Anhinga	<i>Anhinga anhinga</i>		X		X	X				Lower Mississippi River Riparian Forest; Ponds, Lakes, and Water Holes
Bald Eagle	<i>Haliaeetus leucocephalus</i>	X	X	X	X	X	X	X	X	Lower Mississippi River Bottomland Depression; South-Central Interior Large Floodplain; Lower Mississippi River High Bottomland Forest
Barn Owl	<i>Tyto alba</i>		X		X	X				Pasture Land; Crop Land; Southeastern Great Plains Tallgrass Prairie
Bell's Vireo	<i>Vireo bellii</i>	X	X	X	X	X	X	X	X	Lower Mississippi Alluvial Plain Grand Prairie; Pasture Land; West Gulf Coastal Plain Calcareous Prairie
Black-bellied Plover	<i>Pluvialis squatarola</i>		X	X	X	X		X		
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>				X	X		X		Lower Mississippi River Riparian Forest; Lower Mississippi River Low Bottomland Forest; South-Central Interior Large Floodplain
Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>		X	X	X	X		X		Crop Land; Lower Mississippi Alluvial Plain Grand Prairie; Pasture Land
Cerulean Warbler	<i>Dendroica cerulea</i>	X		X	X	X		X		West Gulf Coastal Plain Large River Floodplain Forest; Ozark-Ouachita Mesic Hardwood Forest; Lower Mississippi River High Bottomland Forest
Chimney Swift	<i>Chaetura pelagica</i>	X	X	X	X	X	X	X	X	Lower Mississippi River Riparian Forest; Urban/Suburban; West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland

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Common Moorhen	Gallinula chloropus		X		X	X				Ponds, Lakes, and Water Holes
Dunlin	Calidris alpina		X	X	X	X			X	Ponds, Lakes, and Water Holes
Eastern Towhee	Pipilo erythrophthalmus	X	X	X	X	X	X	X	X	Ozark-Ouachita Riparian; Ozark-Ouachita Dry Oak Woodland; West Gulf Coastal Plain Small Stream/River Forest
Grasshopper Sparrow	Ammodramus savannarum	X	X		X	X			X	Lower Mississippi Alluvial Plain Grand Prairie; Crop Land; Southeastern Great Plains Tallgrass Prairie
Greater Yellowlegs	Tringa melanoleuca		X	X	X	X			X	Ponds, Lakes, and Water Holes
Hooded Warbler	Wilsonia citrina	X	X	X	X	X			X	Ozark-Ouachita Dry-Mesic Oak Forest; West Gulf Coastal Plain Small Stream/River Forest; Lower Mississippi River High Bottomland Forest
Hudsonian Godwit	Limosa haemastica		X	X	X	X			X	Crop Land
Interior Least Tern	Sterna antillarum athalassos		X		X	X				Ouachita Montane Oak Forest; Ponds, Lakes, and Water Holes
Kentucky Warbler	Oporornis formosus	X	X	X	X	X	X	X	X	Lower Mississippi River Riparian Forest; West Gulf Coastal Plain Red River Floodplain Forest; Ozark-Ouachita Riparian
King Rail	Rallus elegans				X	X				West Gulf Coastal Plain Calcareous Prairie; Crop Land; Lower Mississippi Alluvial Plain Grand Prairie
Le Conte's Sparrow	Ammodramus leconteii		X	X	X	X			X	Southeastern Great Plains Tallgrass Prairie; Arkansas Valley Prairie and Woodland; Pasture Land
Least Bittern	Ixobrychus exilis		X	X	X	X			X	Ponds, Lakes, and Water Holes
Least Sandpiper	Calidris minutilla		X	X	X	X			X	Ponds, Lakes, and Water Holes
Lesser Yellowlegs	Tringa flavipes	X	X	X	X	X	X	X	X	Ponds, Lakes, and Water Holes
Little Blue Heron	Egretta caerulea		X	X	X	X			X	South-Central Interior Large Floodplain; West Gulf Coastal Plain Large River Floodplain Forest; West Gulf Coastal Plain Red River Floodplain Forest
Migrant Loggerhead Shrike	Lanius ludovicianus migrans		X		X	X			X	Arkansas Valley Prairie and Woodland; Crop Land; Pasture Land
Mississippi Kite	Ictinia mississippiensis		X	X	X	X	X	X	X	Lower Mississippi Alluvial Plain Grand Prairie; West Gulf Coastal Plain Seepage Swamp and Baygall; West Gulf Coastal Plain Small Stream/River Forest
Northern Bobwhite	Colinus virginianus	X	X	X	X	X	X	X	X	Pasture Land; Central Interior Highlands Dry Acidic Glade and Barrens; Crop Land
Northern Harrier	Circus cyaneus	X	X	X	X	X	X	X	X	Crop Land; West Gulf Coastal Plain Calcareous Prairie
Northern Pintail	Anas acuta	X	X	X	X	X	X	X	X	Lower Mississippi River High Bottomland Forest; West Gulf Coastal Plain Large River Floodplain Forest; West Gulf Coastal Plain Red River Floodplain Forest
Osprey	Pandion haliaetus		X		X	X				Lower Mississippi River Riparian Forest; Ponds, Lakes, and Water Holes
Painted Bunting	Passerina ciris		X		X	X				Pasture Land; Ozark-Ouachita Riparian; Lower Mississippi Alluvial Plain Grand Prairie
Pied-billed Grebe	Podilymbus podiceps	X	X	X	X	X	X	X	X	Ponds, Lakes, and Water Holes; Lower Mississippi River Riparian Forest
Piping Plover	Charadrius melodus			X	X	X			X	
Prairie Warbler	Dendroica discolor	X	X	X	X	X	X	X	X	West Gulf Coastal Plain Calcareous Prairie; Ozark-Ouachita Dry-Mesic Oak Forest; Ozark-Ouachita Mesic Hardwood Forest

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Prothonotary Warbler	<i>Protonotaria citrea</i>	X	X	X	X	X	X	X	X	Lower Mississippi Flatwoods Woodland and Forest; West Gulf Coastal Plain Large River Floodplain Forest; West Gulf Coastal Plain Red River Floodplain Forest
Purple Gallinule	<i>Porphyrio martinica</i>					X	X			Ponds, Lakes, and Water Holes
Red-cockaded Woodpecker	<i>Picoides borealis</i>				X	X	X			West Gulf Coastal Plain Pine-Hardwood Forest; West Gulf Coastal Plain Dry Pine-Hardwood Flatwoods; Ozark-Ouachita Pine/Bluestem Woodland
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	X	X	X	X	X	X	X	X	Ouachita Novaculite Glade and Woodland; Lower Mississippi River Low Bottomland Forest; South-Central Interior Large Floodplain
Rusty Blackbird	<i>Euphagus carolinus</i>	X	X	X	X	X	X	X	X	West Gulf Coastal Plain Large River Floodplain Forest; Lower Mississippi River High Bottomland Forest; South-Central Interior Large Floodplain
Sanderling	<i>Calidris alba</i>		X	X	X	X			X	Ponds, Lakes, and Water Holes
Sedge Wren	<i>Cistothorus platensis</i>			X	X	X	X		X	Arkansas Valley Prairie and Woodland; Lower Mississippi Alluvial Plain Grand Prairie; Southeastern Great Plains Tallgrass Prairie; West Gulf Coastal Plain Calcareous Prairie
Semipalmated Sandpiper	<i>Calidris pusilla</i>			X	X	X	X		X	Ponds, Lakes, and Water Holes
Short-billed Dowitcher	<i>Limnodromus griseus</i>	X	X	X	X	X			X	Ponds, Lakes, and Water Holes
Short-eared Owl	<i>Asio flammeus</i>		X		X	X			X	West Gulf Coastal Plain Calcareous Prairie; Lower Mississippi Alluvial Plain Grand Prairie; Arkansas Valley Prairie and Woodland
Smith's Longspur	<i>Calcarius pictus</i>		X	X	X	X			X	West Gulf Coastal Plain Calcareous Prairie; Arkansas Valley Prairie and Woodland; Crop Land
Snowy Egret	<i>Egretta thula</i>	X	X	X	X	X	X	X	X	Lower Mississippi River Low Bottomland Forest; Lower Mississippi Flatwoods Woodland and Forest; Ponds, Lakes, and Water Holes
Solitary Sandpiper	<i>Tringa solitaria</i>	X	X	X	X	X	X	X	X	South-Central Interior Large Floodplain; Lower Mississippi River Riparian Forest; Ponds, Lakes, and Water Holes
Stilt Sandpiper	<i>Calidris himantopus</i>				X	X			X	Ponds, Lakes, and Water Holes
Swainson's Warbler	<i>Limnothlypis swainsonii</i>	X	X	X	X	X	X	X	X	South-Central Interior Large Floodplain; West Gulf Coastal Plain Wet Hardwood Flatwoods; Lower Mississippi River Riparian Forest
Swallow-tailed Kite	<i>Elanoides forficatus forficatus</i>			X		X				Lower Mississippi Flatwoods Woodland and Forest; Lower Mississippi River Low Bottomland Forest; West Gulf Coastal Plain Large River Floodplain Forest
Trumpeter Swan	<i>Cygnus buccinator</i>		X			X			X	Ponds, Lakes, and Water Holes
Upland Sandpiper	<i>Bartramia longicauda</i>		X		X	X			X	Southeastern Great Plains Tallgrass Prairie; Arkansas Valley Prairie and Woodland; Pasture Land
Western Sandpiper	<i>Calidris mauri</i>	X	X	X	X	X			X	Ponds, Lakes, and Water Holes
Willow Flycatcher	<i>Empidonax traillii</i>		X			X			X	South-Central Interior Large Floodplain; Lower Mississippi Alluvial Plain Grand Prairie; West Gulf Coastal Plain Calcareous Prairie
Wilson's Phalarope	<i>Phalaropus tricolor</i>	X	X	X	X	X	X	X	X	Ponds, Lakes, and Water Holes

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Wood Stork	Mycteria americana		X		X	X			Lower Mississippi River Low Bottomland Forest; Ponds, Lakes, and Water Holes; West Gulf Coastal Plain Large River Floodplain Forest
Wood Thrush	Hylocichla mustelina	X	X	X	X	X	X	X	Lower Mississippi River Low Bottomland Forest; West Gulf Coastal Plain Dry Pine-Hardwood Flatwoods; Ozark-Ouachita Mesic Hardwood Forest
Yellow-billed Cuckoo	Coccyzus americanus	X	X	X	X	X	X	X	West Gulf Coastal Plain Dry Pine-Hardwood Flatwoods; West Gulf Coastal Plain Mesic Hardwood Forest; West Gulf Coastal Plain Sandhill Oak and Shortleaf Pine Forest and Woodland
Yellow-crowned Night-heron	Nyctanassa violacea	X	X	X	X	X	X	X	West Gulf Coastal Plain Small Stream/River Forest; Lower Mississippi River Low Bottomland Forest; Lower Mississippi River Riparian Forest
Crayfish									
crayfish	Procambarus ferrugineus					X			
Fish									
Alligator Gar	Atractosteus spatula		X		X	X			
Blue Sucker	Cycleptus elongatus	X	X	X	X			X	
Bluehead Shiner	Pteronotrops hubbsi				X	X			
Crystal Darter	Crystallaria asprella			X	X	X		X	
Flathead Chub	Platygobio gracilis					X			
Goldeye	Hiodon alosoides		X		X	X			
Goldstripe Darter	Etheostoma parvipinne				X	X	X		
Lake Chubsucker	Erimyzon sucetta	X			X	X			
Lake Sturgeon	Acipenser fulvescens			X	X	X			
Paddlefish	Polyodon spathula	X			X	X			
Pallid Sturgeon	Scaphirhynchus albus					X			
Sabine Shiner	Notropis sabiniae					X		X	
Shorthead Redhorse	Moxostoma macrolepidotum	X				X		X	
Sicklefin Chub	Macrhybopsis meeki					X			
Sturgeon Chub	Macrhybopsis gelida					X			
Suckermouth Minnow	Phenacobius mirabilis	X				X			
Swamp Darter	Etheostoma fusiforme				X	X			
Taillight Shiner	Notropis maculatus				X	X			
Western Sand Darter	Ammocrypta clara				X	X		X	
Insect									
Ant-like Tiger Beetle	Cicindela cursitans					X			South-Central Interior Large Floodplain
Beach-dune Tiger Beetle	Cicindela hirticollis	X				X			South-Central Interior Large Floodplain
Big Sand tiger beetle	Cicindela formosa pigmentosignata	X				X			South-Central Interior Large Floodplain
Duke's Skipper	Euphyes dukesi	X		X	X				Lower Mississippi River Low Bottomland Forest; Lower Mississippi River Low Bottomland Forest; South-Central Interior Large Floodplain

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Giant Stag Beetle	Lucanus elephus	X		X	X	X		X	West Gulf Coastal Plain Pine-Hardwood Forest; Lower Mississippi River High Bottomland Forest; West Gulf Coastal Plain Mesic Hardwood Forest
Prairie Mole Cricket	Gryllotalpa major		X			X		X	Arkansas Valley Prairie and Woodland; Lower Mississippi Alluvial Plain Grand Prairie; Southeastern Great Plains Tallgrass Prairie
red milkweed beetle	Tetraopes quinquemaculatus		X			X			West Gulf Coastal Plain Calcareous Prairie; Southeastern Great Plains Tallgrass Prairie
red milkweed beetle	Tetraopes quinquemaculatus		X			X			Arkansas Valley Prairie and Woodland; Lower Mississippi Alluvial Plain Grand Prairie
Six-banded Longhorn Beetle	Dryobius sexnotatus			X		X			Ozark-Ouachita Mesic Hardwood Forest; Lower Mississippi River High Bottomland Forest
Twelve-spotted Tiger Beetle	Cicindela duodecimguttata		X	X	X	X			South-Central Interior Large Floodplain
winter stonefly	Allocapnia malverna					X	X		Lower Mississippi River Riparian Forest
Mammal									
American Black Bear	Ursus americanus americanus					X	X		West Gulf Coastal Plain Pine-Hardwood Forest; Lower Mississippi River Low Bottomland Forest; West Gulf Coastal Plain Large River Floodplain Forest
Eastern Harvest Mouse	Reithrodontomys humulis		X		X	X	X		Lower Mississippi River Dune Woodland and Forest; Arkansas Valley Prairie and Woodland; Lower Mississippi River High Bottomland Forest
Long-tailed Weasel	Mustela frenata	X	X	X	X	X	X	X	Cultivated Forest; Lower Mississippi River High Bottomland Forest; Lower Mississippi River Low Bottomland Forest
Rafinesque's Big-Eared Bat	Corynorhinus rafinesquii		X		X	X	X		West Gulf Coastal Plain Red River Floodplain Forest; South-Central Interior Large Floodplain; Lower Mississippi River High Bottomland Forest
Southeastern Bat	Myotis austroriparius		X		X	X	X		Lower Mississippi River High Bottomland Forest; Lower Mississippi River Bottomland Depression; West Gulf Coastal Plain Small Stream/River Forest
Southern Bog Lemming	Synaptomys cooperi					X	X		Lower Mississippi River Bottomland Depression; Lower Mississippi River Riparian Forest; Lower Mississippi River High Bottomland Forest
Western Harvest Mouse	Reithrodontomys megalotis					X	X		Pasture Land; Crop Land
Mussel									
Black Sandshell	Ligumia recta	X	X	X	X	X		X	
Butterfly	Ellipsaria lineolata	X	X	X	X	X		X	
Creeper	Strophitus undulatus	X	X	X	X	X		X	
Elktoe	Alasmidonta marginata	X	X	X	X	X		X	
Fat Pocketbook	Potamilus capax					X			
Fatmucket	Lampsilis siliquoidea	X	X	X	X	X		X	
Fawnsfoot	Truncilla donaciformis		X		X	X			
Flat Floater	Anodonta suborbiculata		X	X	X	X		X	
Gulf mapleleaf	Quadrula nobilis	X			X	X			
Hickorynut	Obovaria olivaria				X	X		X	

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Little Spectaclecase	<i>Villosa lienosa</i>	X	X	X	X	X		X	
Louisiana Fatmucket	<i>Lampsilis hydiana</i>				X	X	X		
Ohio Pigtoe	<i>Pleurobema cordatum</i>	X	X		X	X		X	
Ouachita Kidneyshell	<i>Ptychobranhus occidentalis</i>	X		X	X	X		X	
Pink Heelsplitter	<i>Potamilus alatus</i>					X			
Pink Mucket	<i>Lampsilis abrupta</i>				X	X		X	
Pondhorn	<i>Unio merus tetralasmus</i>	X		X	X	X			
Purple Lilliput	<i>Toxolasma lividus</i>	X	X	X	X	X		X	
Purple Wartback	<i>Cyclonaias tuberculata</i>					X		X	
Pyramid Pigtoe	<i>Pleurobema rubrum</i>	X	X		X	X		X	
Rabbitsfoot	<i>Quadrula cylindrica</i>	X		X	X	X		X	
Rainbow	<i>Villosa iris</i>	X				X		X	
Rock Pocketbook	<i>Arcidens confragosus</i>		X		X	X		X	
Round Pigtoe	<i>Pleurobema sintoxia</i>	X	X	X	X	X		X	
Salamander Mussel	<i>Simpsonaias ambigua</i>	X				X		X	
Scaleshell	<i>Leptodea leptodon</i>			X	X	X		X	
Southern Mapleleaf	<i>Quadrula apiculata</i>				X	X			
Tapered Pondhorn	<i>Unio merus declivis</i>				X	X			
Texas Lilliput	<i>Toxolasma texasiensis</i>			X	X	X			
Western Fanshell	<i>Cyprogenia aberti</i>	X		X	X	X		X	
Reptile									
Graham's Crayfish Snake	<i>Regina grahamii</i>	X	X		X	X			Ponds, Lakes, and Water Holes; Lower Mississippi Alluvial Plain Grand Prairie; West Gulf Coastal Plain Small Stream/River Forest
Gulf Crayfish Snake	<i>Regina rigida sinicola</i>		X		X	X			Lower Mississippi River Low Bottomland Forest; Lower Mississippi River Riparian Forest; West Gulf Coastal Plain Large River Floodplain Forest
Midwest Worm Snake	<i>Carphophis amoenus helenae</i>					X	X		Mississippi River Alluvial Plain Loess Slope Forest
Ornate Box Turtle	<i>Terrapene ornata ornata</i>	X	X			X		X	Southeastern Great Plains Tallgrass Prairie; Lower Mississippi Alluvial Plain Grand Prairie; Arkansas Valley Prairie and Woodland
Western Chicken Turtle	<i>Deirochelys reticularia miaria</i>		X	X	X	X			Lower Mississippi Flatwoods Woodland and Forest; Ponds, Lakes, and Water Holes; West Gulf Coastal Plain Small Stream/River Forest
Western Slender Glass Lizard	<i>Ophisaurus attenuatus</i>	X	X	X	X	X		X	West Gulf Coastal Plain Calcareous Prairie; Central Interior Highlands Calcareous Glade and Barrens; Arkansas Valley Prairie and Woodland