

## MISSISSIPPI NATURAL HERITAGE PROGRAM

### SPECIAL ANIMALS - TRACKING LIST

- 2018 -

Approximately 1500 species of animals, including all of the representatives of the groups gastropoda (snails); bivalvia (mussels); malacostraca (amphipods, crawfish, shrimp, isopods); arachnida (spiders, mites, ticks); insects; fish (both jawless and bony fish); amphibians (frogs and salamanders); reptiles (lizards, snakes, turtles, alligators); birds; and mammals can be tracked by the Mississippi Natural Heritage Program. Tracking entails maintaining a database on occurrence localities, population status, and habitat conditions for tracked species. Many of the animals in the groups listed above are common and are not tracked; tracking is focused upon species known or suspected to occur in low numbers. These are designated as species of special concern, and are listed on the following pages. There are 388 special concern animals, which include 8 gastropods, 53 bivalves, 34 crawfish and shrimp, 1 arachnid, 69 insects, 1 lamprey, 76 fish, 21 amphibians, 38 reptiles, 68 birds, and 19 mammals.

This list is designed for the primary purposes of: 1) in environmental assessments, "flagging" of sensitive species that may be negatively affected by proposed actions; 2) determination of protection priorities for natural areas that contain such species; and 3) determination of priorities of inventory and protection for these animals, including the proposed listing of species for state or federal protection.

SPECIES NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS
<b>GASTROPODA</b>					
<b>NEOTAENIOGLOSSA</b>					
<b><u>PLEUROCERIDAE</u></b>					
ELIMIA CYLINDRACEA	CYLINDER ELIMIA	G2	S2		
LITHASIA HUBRICHTI	BIG BLACK ROCKSNAIL	GX	SX		
<b>STYLOMMATOPHORA</b>					
<b><u>POLYGYRIDAE</u></b>					
PRATICOLELLA LAWAE	APPALACHIAN SHRUBSNAIL	G3	SNR		
PRATICOLELLA MOBILIANA	MOBILE SHRUBSNAIL	G3	SNR		
STENOTREMA SPINOSUM	CARINATE SLITMOUTH	G4	SNR		
<b><u>PUPELLIDAE</u></b>					
GASTROCOPTA ABBREVIATA	PLAINS SNAGGLETOOTH	G4	SNR		
<b><u>SUCCINEIDAE</u></b>					
PARAVITREA SIGNIFICANS	DOMED SUPERCOIL	G3	SNR		
SUCCINEA LUTEOLA	SPANISH AMBERSNAIL	G4	SNR		
<b>BIVALVIA</b>					
<b>UNIONOIDA</b>					
<b><u>UNIONIDAE</u></b>					
ACTINONAIAS LIGAMENTINA	MUCKET	G5	S1		LE
ANODONTOIDES RADIATUS	RAYED CREEKSHELL	G3	S2		
ARCIDENS CONFRAGOSUS	ROCK POCKETBOOK	G4	S3		
CYCLONAIAS NODULATA	WARTYBACK	G4	S3		
CYCLONAIAS REFULGENS	PURPLE PIMPLEBACK	G3G4	S3S4		
CYCLONAIAS TUBERCULATA	PURPLE WARTYBACK	G5	S1		LE
CYPROGENIA ABERTI	WESTERN FANSHELL	G2G3Q	SX		
ELLIPSARIA LINEOLATA	BUTTERFLY	G4G5	S2		
ELLIPTIO ARCA	ALABAMA SPIKE	G3Q	S1S2		
ELLIPTIO ARCTATA	DELICATE SPIKE	G2G3Q	S1		LE
EPIOBLASMA BREVIDENS	CUMBERLANDIAN COMBSHELL	G1	S1	LE	LE
EPIOBLASMA PENITA	SOUTHERN COMBSHELL	G1	S1	LE	LE
EPIOBLASMA TRIQUETRA	SNUFFBOX	G3	S1	LE	LE
EURYNIA DILATATA	SPIKE	G5	S1		LE
HAMIOTA PEROVALIS	ORANGE-NACRE MUCKET	G2	S1	LT	LE

SPECIES NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS
LAMPSILIS CARDIUM	PLAIN POCKETBOOK	G5	S3		
LAMPSILIS FASCIOLA	WAVYRAYED LAMPMUSSEL	G5	S1		
LAMPSILIS HYDIANA	LOUISIANA FATMUCKET	G4Q	S2?		
LAMPSILIS OVATA	POCKETBOOK	G5	S1?		
LAMPSILIS SILIQUOIDEA	FATMUCKET	G5	S3		
LASMIGONA ALABAMENSIS	ALABAMA HEELSPLITTER	G3	S2		
LASMIGONA COMPLANATA	WHITE HEELSPLITTER	G5	S3		
LIGUMIA RECTA	BLACK SANDSHELL	G4G5	S1		
MEDIONIDUS ACUTISSIMUS	ALABAMA MOCCASINSHELL	G2	S1	LT	LE
OBOVARIA ARKANSASENSIS	SOUTHERN HICKORYNUT	G2	S1		
OBOVARIA SUBROTUNDA	ROUND HICKORYNUT	G4	S2		
OBOVARIA UNICOLOR	ALABAMA HICKORYNUT	G3	S1S2		
PLETHOBASUS CYPHYUS	SHEEPNOSE	G3	S1	LE	LE
PLEUROBEMA BEADLEIANUM	MISSISSIPPI PIGTOE	G3	S3?		
PLEUROBEMA CURTUM	BLACK CLUBSHELL	GH	SX	LE	LE
PLEUROBEMA DECISUM	SOUTHERN CLUBSHELL	G2	S1	LE	LE
PLEUROBEMA MARSHALLI	FLAT PIGTOE	GX	SX	LE	LE
PLEUROBEMA OVIFORME	TENNESSEE CLUBSHELL	G2G3	SX		LE
PLEUROBEMA PEROVATUM	OVATE CLUBSHELL	G1	S1	LE	LE
PLEUROBEMA RUBRUM	PYRAMID PIGTOE	G2G3	S2		LE
PLEUROBEMA TAITIANUM	HEAVY PIGTOE	G1	SX	LE	LE
PLEURONAIA BARNESIANA	TENNESSEE PIGTOE	G2G3	S1		
PLEURONAIA DOLABELLOIDES	SLABSIDE PEARLYMUSSEL	G2	S1	LE	LE
POTAMILUS ALATUS	PINK HEELSPLITTER	G5	S2		
POTAMILUS CAPAX	FAT POCKETBOOK	G2	S1	LE	LE
POTAMILUS INFLATUS	INFLATED HEELSPLITTER	G1G2Q	SH	LT	LE
POTAMILUS OHIENSIS	PINK PAPERSHELL	G5	S3?		
PTYCHOBANCHUS FASCIOLARIS	KIDNEYSHELL	G4G5	S1		LE
QUADRULA RUMPHIANA	RIDGED MAPLEAF	G4	S2		
STROPHITUS CONNASAUGAENSIS	ALABAMA CREEKMUSSEL	G3	S1		
STROPHITUS SUBVEXUS	SOUTHERN CREEKMUSSEL	G3	S2		
STROPHITUS UNDULATUS	SQUAWFOOT	G5	S1		
THELIDERMA CYLINDRICA CYLINDRICA	RABBITSFOOT	G3G4T3	S1	LT	LE
THELIDERMA METANEVRA	MONKEYFACE	G4	SX		LE
THELIDERMA STAPES	STIRRUPSHELL	GH	SX	LE	LE
TRUNCILLA TRUNCATA	DEERTOES	G5	S3		
UNIOMERUS DECLIVIS	TAPERED PONDHORN	G5Q	S3		
UTTERBACKIANA HARTFIELDORUM	CYPRESS FLOATER	G4	S3S4		

## MALACOSTRACA

### DECAPODA

#### CAMBARIDAE

CAMBARELLUS DIMINUTUS	LEAST CRAYFISH	G3	S2		
CAMBARELLUS LESLIEI	ANGULAR DWARF CRAYFISH	G3	S2		
CAMBARUS GIRARDIANUS	TANBACK CRAYFISH	G5	S2		
CAMBARUS RUSTICIFORMIS	DEPRESSION CRAYFISH	G5	S1		
CREASERINUS BURRISI	BURRIS' BURROWING CRAWFISH	G3	S2		
CREASERINUS BYERSI	LAVENDER BURROWING CRAYFISH	G4	S3		
CREASERINUS DANIELAE	SPECKLED BURROWING CRAYFISH	G2	S2		
CREASERINUS GORDONI	CAMP SHELBY BURROWING CRAWFISH	G1	S1		LE
FAXONIUS ERICHSONIANUS	RETICULATE CRAYFISH	G5	S1		
FAXONIUS HARTFIELDI	YAZOO CRAYFISH	G2	S2		
FAXONIUS JONESI	SUCARNOOCHEE RIVER CRAYFISH	G3	S3		

<b>SPECIES NAME</b>	<b>COMMON NAME</b>	<b>GLOBAL RANK</b>	<b>STATE RANK</b>	<b>FEDERAL STATUS</b>	<b>STATE STATUS</b>
FAXONIUS MISSISSIPPIENSIS	MISSISSIPPI CRAYFISH	G3	S3		
FAXONIUS PLACIDUS	BIGCLAW CRAYFISH	G5	S1		
FAXONIUS VALIDUS	POWERFUL CRAYFISH	G5	S1		
FAXONIUS WRIGHTI	HARDIN CRAYFISH	G2	S1		
FAXONIUS YANAHLINDUS	SPINYWRIST CRAYFISH	GNR	S1		
HOBBSSEUS ATTENUATUS	PEARL RIVULET CRAYFISH	G2	S2		
HOBBSSEUS CRISTATUS	CRESTED RIVULET CRAYFISH	G2	S2?		
HOBBSSEUS ORCONNECTOIDES	OKTIBBEHA RIVULET CRAYFISH	G1	S1		
HOBBSSEUS PETILUS	TOMBIGBEE RIVULET CRAYFISH	G2	S2		
HOBBSSEUS PROMINENS	PROMINENCE RIVULET CRAYFISH	G4G5	S2?		
HOBBSSEUS VALLECULUS	CHOCTAW RIVULET CRAYFISH	G1	S1		
HOBBSSEUS YALOBUSHENSIS	YALOBUSHA RIVULET CRAYFISH	G2	S2		
PROCAMBARUS ABLUSUS	HATCHIE RIVER CRAYFISH	G4	S3		
PROCAMBARUS BARBIGER	JACKSON PRAIRIE CRAYFISH	G2	S2		
PROCAMBARUS BIVITTATUS	RIBBON CRAYFISH	G5	S3		
PROCAMBARUS FITZPATRICKI	SPINY-TAILED CRAYFISH	G2	S2		
PROCAMBARUS HAGENIANUS VESTICEPS	EGYPTIAN CRAYFISH	G4G5T3	S3S4		
PROCAMBARUS LAGNIAPPE	LAGNIAPPE CRAYFISH	G2	S1		
PROCAMBARUS LCONTEI	MOBILE CRAYFISH	G3G4	S2		
PROCAMBARUS LYLEI	SHUTISPEAR CRAYFISH	G2	S2		
PROCAMBARUS PENNI	PEARL BLACKWATER CRAYFISH	G3	S3		
PROCAMBARUS SHERMANI	GULF CRAYFISH	G4	S2?		
<b><u>PALAEMONIDAE</u></b>					
MACROBRACHIUM CARCINUS	BIGCLAW RIVER SHRIMP	G5	SU		
<b>ARACHNIDA</b>					
<b>IXODIDA</b>					
<b><u>IXODIDAE</u></b>					
AMBLYOMMA TUBERCULATUM	GOPHER TORTOISE TICK	G2G3	S1		
<b>INSECTA</b>					
<b>COLEOPTERA</b>					
<b><u>CERAMBYCIDAE</u></b>					
DRYOBIVUS SEXNOTATUS	SIX-BANDED LONGHORN BEETLE	GNR	SNR		
<b><u>CICINDELIDAE</u></b>					
CICINDELA MARGINIPENNIS	COBBLESTONE TIGER BEETLE	G2	SX		
CICINDELA NIGRIOR	AUTUMN TIGER BEETLE	G2G3	S2S3		
<b><u>HISTERIDAE</u></b>					
CHELYOXENUS XEROBATUS	GOPHER TORTOISE HISTER BEETLE	G2G3	S1S3		
<b><u>HYDRAENIDAE</u></b>					
GYMNOCTHEBIUS MAUREENAE	MAUREEN'S GYMNOCTHEBIUS MINUTE MOSS BEETLE	G1G3	S1S3		
<b><u>HYDROPHILIDAE</u></b>					
PARACYMUS SECLUSUS	SECLUSIVE WATER SCAVENGER BEETLE	G1G3	S1S3		
<b><u>SCARABAEIDAE</u></b>					
APHODIUS TROGLODYTES	APHODIUS TORTOISE COMMENSAL SCARAB BEETLE	G2G3	S1		
ONTHOPHAGUS POLYPHEMI SPARSISSETOSUS	COPROPHAGOUS TORTOISE SCARAB BEETLE	G2G3T2	S1S2		
<b><u>SILPHIDAE</u></b>					
NICROPHORUS AMERICANUS	AMERICAN BURYING BEETLE	G2G3	SX	LE	LE
<b><u>STAPHYLINIDAE</u></b>					
PHILONTHUS TESTUDO	WESTERN GOPHER TORTOISE ROVE BEETLE	G2	S1		

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<b>DIPTERA</b>					
<b><u>ASILIDAE</u></b>					
MACHIMUS POLYPHEMI	GOPHER TORTOISE ROBBER FLY	G2	S1		
<b><u>ANTHOMYIIDAE</u></b>					
EUTRICHOTA GOPHERI	GOPHER TORTOISE BURROW FLY	G2G3	S2		
<b>EPHEMEROPTERA</b>					
<b><u>HEPTAGENIIDAE</u></b>					
RAPTOHEPTAGENIA CRUENTATA	WALLACE'S DEEPWATER MAYFLY	G4	S2?		
<b><u>OLIGONEURIIDAE</u></b>					
HOMOEONEURIA CAHABENSIS	CAHABA SAND-FILTERING MAYFLY	G2G3	S1S3		
<b>HYMENOPTERA</b>					
<b><u>FORMICIDAE</u></b>					
POGONOMYRMEX BADIUS	FLORIDA HARVESTER ANT	G5	S2		
<b>LEPIDOPTERA</b>					
<b><u>GEOMETRIDAE</u></b>					
LYTROSIS PERMAGNARIA	A GEOMETRID MOTH	G3G4	SH		
<b><u>HESPERIIDAE</u></b>					
ATRYTONE AROGOS AROGOS	AROGOS SKIPPER	G3T1T2	S2S3		
EUPHYES BAYENSIS	BAY ST. LOUIS SKIPPER	G2G3	S1		
<b><u>NYMPHALIDAE</u></b>					
NEONYMPHA MITCHELLII MITCHELLII	MITCHELL'S SATYR	G2T2	S1	LE	LE
LETHE APPALACHIA APPALACHIA	APPALACHIAN EYED BROWN	G4T5	S3?		
<b><u>SESIIDAE</u></b>					
SYNANTHEDON CASTANEAE	CHESTNUT CLEARWING MOTH	G3G5	SNR		
<b>ODONATA</b>					
<b><u>AESHNIDAE</u></b>					
AESHNA UMBROSA	SHADOW DARNER	G5	S2		
<b><u>COENAGRIONIDAE</u></b>					
AMPHIAGRION SAUCIUM	EASTERN RED DAMSEL	G5	S2		
ARGIA TRANSLATA	DUSKY DANCER	G5	S3		
CHROMAGRION CONDITUM	AURORA DAMSEL	G5	S3		
ENALLAGMA CONCISUM	CHERRY BLUET	G4	S2		
ENALLAGMA DAVISI	SANDHILL BLUET	G5	S1		
ENALLAGMA PALLIDUM	PALE BLUET	G4	S2		
ENALLAGMA POLLUTUM	FLORIDA BLUET	G5	S2		
ISCHNURA PROGATA	FURTIVE FORKTAIL	G4	S2		
NEHALENNIA GRACILIS	SPHAGNUM SPRITE	G5	S2		
<b><u>CORDULEGASTRIDAE</u></b>					
CORDULEGASTER BILINEATA	BROWN SPIKETAIL	G5	S2		
CORDULEGASTER ERRONEA	TIGER SPIKETAIL	G4	S1		
<b><u>CORDULIIDAE</u></b>					
EPITHECA SPINOSA	ROBUST BASKETTAIL	G4	S1		
HELOCORDULIA SELYSII	SELYS' SUNDRAGON	G4	S3		
NEUROCORDULIA ALABAMENSIS	ALABAMA SHADOWDRAGON	G5	S3		
NEUROCORDULIA YAMASKANENSIS	STYGIAN SHADOWDRAGON	G5	S1		
SOMATOCHLORA GEORGIANA	COPPERY EMERALD	G3G4	S2		
SOMATOCHLORA PROVOCANS	TREETOP EMERALD	G4	S2		
<b><u>GOMPHIDAE</u></b>					
APHYLLA ANGUSTIFOLIA	BROAD-STRIPED FORCEPTAIL	G4	SU		
ARIGOMPHUS LENTULUS	STILLWATER CLUBTAIL	G5	S1		
ARIGOMPHUS VILLOSIPES	UNICORN CLUBTAIL	G5	S2		
DROMOGOMPHUS ARMATUS	SOUTHEASTERN SPINYLEG	G4	S3		
GOMPHUS AUSTRALIS	CLEARLAKE CLUBTAIL	G4	S1		

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GOMPHUS DILATATUS	BLACKWATER CLUBTAIL	G5	S1		
GOMPHUS GEMINATUS	TWIN-STRIPED CLUBTAIL	G3G4	S1		
GOMPHUS HODGESI	HODGES' CLUBTAIL	G3	S2		
GOMPHUS HYBRIDUS	COCOA CLUBTAIL	G4	S3		
GOMPHUS MODESTUS	GULF COAST CLUBTAIL	G3G4	S3		
OPHIOMPHUS AUSTRALIS	SOUTHERN SNAKETAILED	G1G2	S1		
STYLOGOMPHUS ALBYSTYLUS	EASTERN LEAST CLUBTAIL	G5	S1		
STYLURUS LAURAE	LAURA'S CLUBTAIL	G4	S3		
STYLURUS POTULENTUS	YELLOW-SIDED CLUBTAIL	G2	S1		
STYLURUS TOWNESI	TOWNES' CLUBTAIL	G3	S1		
<b><u>LESTIDAE</u></b>					
LESTES FORFICULA	RAINPOOL SPREADWING	G5	SU		
LESTES RECTANGULARIS	SLENDER SPREADWING	G5	S3		
<b><u>LIBELLULIDAE</u></b>					
CELITHEMIS AMANDA	AMANDA'S PENNANT	G5	S2		
CELITHEMIS BERTHA	RED-VEINED PENNANT	G5	S3		
CELITHEMIS VERNA	DOUBLE-RINGED PENNANT	G5	S3		
ERYTHRODIPLAX UMBRATA	BAND-WINGED DRAGONLET	G5	S1		
MACRODIPLAX BALTEATA	MARL PENNANT	G5	S3		
NANNOTHEMIS BELLA	ELFIN SKIMMER	G4	S1		
<b><u>MACROMIIDAE</u></b>					
MACROMIA ALLEGHANIENSIS	ALLEGHENY RIVER CRUISER	G4	S2		
<b><u>PETALURIDAE</u></b>					
TACHOPTERYX THOREYI	GRAY PETALTAIL	G4	S2		
<b>ORTHOPTERA</b>					
<b><u>GRYLLOTALPIDAE</u></b>					
GRYLLOTALPA MAJOR	PRAIRIE MOLE CRICKET	G3	SH		
<b><u>ACRIDIDAE</u></b>					
PSEUDOPOMALA BRACHYPTERA	SHORT-WINGED TOOTHPICK GRASSHOPPER	G5	S1		
<b>PLECOPTERA</b>					
<b><u>CHLOROPERLIDAE</u></b>					
ALLOPERLA NATCHEZ	NATCHEZ STONEFLY	G2	S2		
HAPLOPERLA CHUKCHO	CHUKCHO STONEFLY	G2	S2		
<b>TRICHOPTERA</b>					
<b><u>SERICOSTOMATIDAE</u></b>					
AGARODES STANNARDI	STANNARD'S AGARODES CADDISFLY	G2G3	S1S2		
<b>PETROMYZONTIDA</b>					
<b>PETROMYZONTIFORMES</b>					
<b><u>PETROMYZONTIDAE</u></b>					
ICHTHYOMYZON CASTANEUS	CHESTNUT LAMPREY	G4	S2S3		
<b>ACTINOPTERYGII</b>					
<b>ACIPENSERIFORMES</b>					
<b><u>ACIPENSERIDAE</u></b>					
ACIPENSER OXYRINCHUS DESOTOI	GULF STURGEON	G3T2	S1	LT	LE
SCAPHIRHYNCHUS ALBUS	PALLID STURGEON	G2	S1	LE	LE
SCAPHIRHYNCHUS PLATORYNCHUS	SHOVELNOSE STURGEON	G4	S3?	SAT	
SCAPHIRHYNCHUS SUTTKUSI	ALABAMA STURGEON	G1	SH	LE	LE
<b><u>POLYODONTIDAE</u></b>					
POLYODON SPATHULA	PADDLEFISH	G4	S3		

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<b>ATHERINIFORMES</b>					
<b><u>CYPRINODONTIDAE</u></b>					
FUNDULUS DISPAR	NORTHERN STARHEAD TOPMINNOW	G4	S3		
FUNDULUS EURYZONUS	BROADSTRIPE TOPMINNOW	G3	S2		
FUNDULUS JENKINSI	SALTMARSH TOPMINNOW	G3	S2	SC	
LEPTOLUCANIA OMMATA	PYGMY KILLIFISH	G5	SH		
<b><u>POECILIIDAE</u></b>					
HETERANDRIA FORMOSA	LEAST KILLIFISH	G5	S3		
<b>CLUPEIFORMES</b>					
<b><u>CLUPEIDAE</u></b>					
ALOSA ALABAMAE	ALABAMA SHAD	G2G3	S1	SC	
<b>CYPRINIFORMES</b>					
<b><u>CATOSTOMIDAE</u></b>					
CYCLEPTUS ELONGATUS	BLUE SUCKER	G3G4	S3		
CYCLEPTUS MERIDIONALIS	SOUTHEASTERN BLUE SUCKER	G3G4	S3		
HYPENTELIUM ETOWANUM	ALABAMA HOG SUCKER	G5	S3		
ICTIOBUS NIGER	BLACK BUFFALO	G5	S3		
MOXOSTOMA ANISURUM	SILVER REDHORSE	G5	S1		
MOXOSTOMA CARINATUM	RIVER REDHORSE	G4	S2S3		
MOXOSTOMA DUQUESNEI	BLACK REDHORSE	G5	S1S2		
MOXOSTOMA ERYTHRURUM	GOLDEN REDHORSE	G5	S3		
MOXOSTOMA MACROLEPIDOTUM	SHORHEAD REDHORSE	G5	S1		
<b><u>CYPRINIDAE</u></b>					
CHROSOMUS ERYTHROGASTER	SOUTHERN REDBELLY DACE	G5	S2		LE
CLINOSTOMUS FUNDULOIDES	ROSYIDE DACE	G5	S2		
CYPRINELLA CALLISTIA	ALABAMA SHINER	G5	S2		
CYPRINELLA GALACTURA	WHITETAIL SHINER	G5	S1		
CYPRINELLA SPILOPTERA	SPOTFIN SHINER	G5	S2		
CYPRINELLA WHIPPLEI	STEELCOLOR SHINER	G5	S3		
HYBOPSIS AMNIS	PALLID SHINER	G4	S3		
LYTHRURUS FASCIOLARIS	ROSEFIN SHINER	G5	S2S3		
MACRHYBOPSIS GELIDA	STURGEON CHUB	G3	SH		
MACRHYBOPSIS MEEKI	SICKLEFIN CHUB	G3	S1		
NOTROPIS BOOPS	BIGEYE SHINER	G5	S1		LE
NOTROPIS CANDIDUS	SILVERSIDE SHINER	G4	S2		
NOTROPIS CHALYBAEUS	IRONCOLOR SHINER	G4	S1		LE
NOTROPIS EDWARDRANEYI	FLUVIAL SHINER	G4	S1		
NOTROPIS MELANOSTOMUS	BLACKMOUTH SHINER	G2	S1		
NOTROPIS MICROPTERYX	HIGHLAND SHINER	G5	S2		
NOTROPIS SABINAE	SABINE SHINER	G4	S2		
NOTROPIS WICKLIFFI	CHANNEL SHINER	G5	S3		
PHENACOBIOUS MIRABILIS	SUCKERMOUTH MINNOW	G5	S1		LE
PLATYGOBIO GRACILIS	FLATHEAD CHUB	G5	SH		
PTERONOTROPIS WELAKA	BLUENOSE SHINER	G3G4	S3		
RHINICHTHYS ATRATULUS	BLACKNOSE DACE	G5	S1		
<b>LEPISOSTEIFORMES</b>					
<b><u>LEPISOSTEIDAE</u></b>					
ATRACTOSTEUS SPATULA	ALLIGATOR GAR	G3G4	S2		
<b>PERCIFORMES</b>					
<b><u>CENTRARCHIDAE</u></b>					
AMBLOPLITES RUPESTRIS	ROCK BASS	G5	S1		
ENNEACANTHUS GLORIOSUS	BLUESPOTTED SUNFISH	G5	S3		

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<b><u>PERCICHTHYIDAE</u></b>					
MORONE SAXATILIS	STRIPED BASS	G5	SH		
<b><u>PERCIDAE</u></b>					
AMMOCRYPTA CLARA	WESTERN SAND DARTER	G3	SH		
AMMOCRYPTA MERIDIANA	SOUTHERN SAND DARTER	G4	S3		
CRYSTALLARIA ASPRELLA	CRYSTAL DARTER	G3	S1		LE
ETHEOSTOMA ASPRIGENE	MUD DARTER	G4	S3		
ETHEOSTOMA BLENNIOIDES	GREENSIDE DARTER	G5	S1		LE
ETHEOSTOMA DURYI	BLACK DARTER	G4	S1		
ETHEOSTOMA FLABELLARE	FANTAIL DARTER	G5	S2		
ETHEOSTOMA KENNICOTTI	STRIPETAILED DARTER	G4G5	S2		
ETHEOSTOMA LACHNERI	TOMBIGBEE DARTER	G4	S3		
ETHEOSTOMA NIGRIPINNE	BLACKFIN DARTER	G4	S2		
ETHEOSTOMA RANEYI	YAZOO DARTER	G2	S2		
ETHEOSTOMA RUBRUM	BAYOU DARTER	G1	S1	LT	LE
ETHEOSTOMA RUFILINEATUM	REDLINE DARTER	G5	S2		
ETHEOSTOMA RUPESTRE	ROCK DARTER	G4	S3		
ETHEOSTOMA ZONIFER	BACKWATER DARTER	G4	S1		
ETHEOSTOMA ZONISTIUM	BANDFIN DARTER	G4G5	S2		
PERCINA AURORA	PEARL DARTER	G1	S1	LT	LE
PERCINA EVIDES	GILT DARTER	G4	S1		
PERCINA KATHAE	MOBILE LOGPERCH	G4	S3		
PERCINA LENTICULA	FRECKLED DARTER	G2	S2		
PERCINA PHOXOCEPHALA	SLENDERHEAD DARTER	G5	S1		LE
PERCINA TANASI	SNAIL DARTER	G2G3	S1	LT	
SANDER CANADENSIS	SAUGER	G5	S2		
SANDER SP. 1	SOUTHERN WALLEYE	G3	S1S2		
SANDER VITREUS	WALLEYE	G5	S2?		
<b>SCORPAENIFORMES</b>					
<b><u>COTTIDAE</u></b>					
COTTUS CAROLINAE	BANDED SCULPIN	G5	S1		
<b>SILURIFORMES</b>					
<b><u>ICTALURIDAE</u></b>					
NOTURUS EXILIS	SLENDER MADTOM	G5	SH		LE
NOTURUS FLAVUS	STONECAT MADTOM	G5	S1		
NOTURUS GLADIATOR	PIEBALD MADTOM	G3	S1		LE
NOTURUS MUNITUS	FRECKLEBELLY MADTOM	G3	S2		LE
<b>AMPHIBIA</b>					
<b>ANURA</b>					
<b><u>BUFONIIDAE</u></b>					
INCILIUS NEBULIFER	COASTAL PLAIN TOAD	G5	S3S4		
<b><u>HYLIDAE</u></b>					
PSEUDACRIS BRACHYPHONA	MOUNTAIN CHORUS FROG	G5	S3		
PSEUDACRIS ORNATA	ORNATE CHORUS FROG	G4	S1		
<b><u>RANIDAE</u></b>					
RANA AREOLATA	CRAWFISH FROG	G4	S2		
RANA HECKSCHERI	RIVER FROG	G5	S1		
RANA PALUSTRIS	PICKEREL FROG	G5	S3S4		
RANA SEVOSA	DUSKY GOPHER FROG	G1	S1	LE	LE
<b>CAUDATA</b>					
<b><u>AMBYSTOMATIDAE</u></b>					
AMBYSTOMA TIGRINUM	TIGER SALAMANDER	G5	SH	PS	

SPECIES NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS
AMBYSTOMA TEXANUM	SMALL-MOUTHED SALAMANDER	G5	S3		
<b><u>AMPHIUMIDAE</u></b>					
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S1		LE
<b><u>CRYPTOBRANCHIDAE</u></b>					
CRYPTOBRANCHUS ALLEGANIENSIS	HELLBENDER	G3G4	S1	PS	LE
<b><u>PLETHODONTIDAE</u></b>					
ANEIDES AENEUS	GREEN SALAMANDER	G3G4	S1		LE
DESMOGNATHUS VALENTINEI	VALENTINE'S SOUTHERN DUSKY SALAMANDER	GNR	S2S3		
EURYCEA LUCIFUGA	CAVE SALAMANDER	G5	S1		LE
GYRINOPHILUS PORPHYRITICUS	SPRING SALAMANDER	G5	S1		LE
HEMIDACTYLUM SCUTATUM	FOUR-TOED SALAMANDER	G5	S2S3		
PLETHODON AINSWORTHII	BAYSPRINGS SALAMANDER	GHQ	SX		
PLETHODON VENTRALIS	SOUTHERN ZIGZAG SALAMANDER	G4	S2		
PLETHODON WEBSTERI	WEBSTER'S SALAMANDER	G3G4	S2		
PSEUDOTRITON MONTANUS	MUD SALAMANDER	G5	S2		
PSEUDOTRITON RUBER	RED SALAMANDER	G5	S3		

## REPTILIA

### SQUAMATA

#### ANGUIDAE

OPHISAURUS ATTENUATUS	SLENDER GLASS LIZARD	G5	S2S3		
OPHISAURUS MIMICUS	MIMIC GLASS LIZARD	G3	SH		

#### SCINCIDAE

EUMECES ANTHRACINUS PLUVIALIS	SOUTHERN COAL SKINK	G5T5	S2S3		
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#### COLUBRIDAE

DRYMARCHON COUPERI	EASTERN INDIGO SNAKE	G3	SX	LT	LE
FARANCIA ERYTHROGRAMMA	RAINBOW SNAKE	G4	S2		LE
HETERODON SIMUS	SOUTHERN HOGNOSE SNAKE	G2	SX		LE
LAMPROPELTIS CALLIGASTER CALLIGASTER	PRAIRIE KINGSSNAKE	G5T5	S3S4		
LAMPROPELTIS CALLIGASTER RHOMBOMACULATA	MOLE KINGSSNAKE	G5T5	S3?		
LAMPROPELTIS GETULA NIGRA	BLACK KINGSSNAKE	G5T5	S3		
LAMPROPELTIS TRIANGULUM SYSPILA	RED MILK SNAKE	G5T5	S3		
LIODYTES RIGIDA DELTAE	DELTA CRAYFISH SNAKE	G5T4Q	S2		
LIODYTES RIGIDA SINICOLA	GULF CRAYFISH SNAKE	G5T5	S3?		
MASTICOPHIS FLAGELLUM	COACHWHIP	G5	S3S4		
NERODIA CLARKII CLARKII	GULF SALT MARSH SNAKE	G4T3	S2		
PITUOPHIS MELANOLEUCUS LODINGI	BLACK PINE SNAKE	G4T2T3	S2	LT	LE
PITUOPHIS MELANOLEUCUS MELANOLEUCUS	NORTHERN PINE SNAKE	G4T4	SU		
REGINA SEPTEMVITTATA	QUEEN SNAKE	G5	S2S3		
RHADINAEA FLAVILATA	PINE WOODS SNAKE	G4	S2S3		
THAMNOPHIS PROXIMUS ORARIUS	GULF COAST RIBBON SNAKE	G5T4	SNR		

#### ELAPIDAE

MICRURUS FULVIUS	EASTERN CORAL SNAKE	G5	S3S4		
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#### VIPERIDAE

CROTALUS ADAMANTEUS	EASTERN DIAMONDBACK RATTLESNAKE	G4	S3S4		
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### TESTUDINES

#### CHELONIIDAE

CARETTA CARETTA	LOGGERHEAD SEA TURTLE	G3	S1B,SNA	LT	LE
CHELONIA MYDAS	GREEN SEA TURTLE	G3	SNA	LT	LE
ERETMOCHELYS IMBRICATA	HAWKSBILL SEA TURTLE	G3	SNA	LE	LE
LEPIDOCHELYS KEMPII	KEMP'S RIDLEY SEA TURTLE	G1	S1B,S1N	LE	LE



<b>SPECIES NAME</b>	<b>COMMON NAME</b>	<b>GLOBAL RANK</b>	<b>STATE RANK</b>	<b>FEDERAL STATUS</b>	<b>STATE STATUS</b>
<b><u>CHELYDRIDAE</u></b>					
MACROCHELYS TEMMINCKII	ALLIGATOR SNAPPING TURTLE	G3G4	S3		
<b><u>DERMOCHELYIDAE</u></b>					
DERMOCHELYS CORIACEA	LEATHERBACK SEA TURTLE	G2	SNA	LE	LE
<b><u>EMYDIDAE</u></b>					
DEIROCHELYS RETICULARIA MIARIA	WESTERN CHICKEN TURTLE	G5T5	S3?		
GRAPTEMYS FLAVIMACULATA	YELLOW-BLOTCHED MAP TURTLE	G2	S2	LT	LE
GRAPTEMYS GEOGRAPHICA	COMMON MAP TURTLE	G5	S1		
GRAPTEMYS GIBBONSI	PASCAGOULA MAP TURTLE	G2G3	S2		
GRAPTEMYS NIGRINODA	BLACK-KNOBBED MAP TURTLE	G3	S2		LE
GRAPTEMYS OCULIFERA	RINGED MAP TURTLE	G2	S2	LT	LE
GRAPTEMYS PEARLENSIS	PEARL RIVER MAP TURTLE	G2G3	S2		
GRAPTEMYS PULCHRA	ALABAMA MAP TURTLE	G4	S2?		
MALACLEMYS TERRAPIN PILEATA	MISSISSIPPI DIAMONDBACK TERRAPIN	G4T3Q	S2		
PSEUDEMYS ALABAMENSIS	ALABAMA RED-BELLIED TURTLE	G1	S1	LE	LE
<b><u>TESTUDINIDAE</u></b>					
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G3	S2	LT	LE

## AVES

### ANSERIFORMES

#### ANATIDAE

ANAS FULVIGULA	MOTTLED DUCK	G4	S2B,S4N		
ANAS RUBRIPES	AMERICAN BLACK DUCK	G5	S2N		

### CHARADRIIFORMES

#### CHARADRIIDAE

CHARADRIUS MELODUS	PIPING PLOVER	G3	S2N	LT	LE
CHARADRIUS NIVOSUS	SNOWY PLOVER	G3	S2	PS:LT	LE
CHARADRIUS WILSONIA	WILSON'S PLOVER	G5	S1		

#### HAEMATOPODIDAE

HAEMATOPUS PALLIATUS	AMERICAN OYSTERCATCHER	G5	S2		
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#### LARIDAE

GELOCHELIDON NILOTICA	GULL-BILLED TERN	G5	S1B,S3S4N		
RYNCHOPS NIGER	BLACK SKIMMER	G5	S2B,S3N		
STERNULA ANTILLARUM	LEAST TERN	G4	S3B,S3N	PS:LE	
STERNULA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	G4T2Q	S2B	PS:LE	LE
THALASSEUS MAXIMUS	ROYAL TERN	G5	S1B,S4N		
THALASSEUS SANDVICENSIS	SANDWICH TERN	G5	S1B,S4N		

#### RECURVIOSTRIDAE

HIMANTOPUS MEXICANUS	BLACK-NECKED STILT	G5	S1B	PS	
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#### SCOLOPACIDAE

CALIDRIS CANUTUS	RED KNOT	G5	S2N	LT	
LIMOSA FEDOA	MARbled GODWIT	G5	S2N		
SCOLOPAX MINOR	AMERICAN WOODCOCK	G5	S3B?,S4N		

### CICONIIFORMES

#### CICONIIDAE

MYCTERIA AMERICANA	WOOD STORK	G4	S2N	LT	LE
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### COLUMBIFORMES

#### COLUMBIDAE

COLUMBINA PASSERINA	COMMON GROUND-DOVE	G5	S2		
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### ACCIPITRIFORMES

#### ACCIPITRIDAE

ACCIPITER COOPERII	COOPER'S HAWK	G5	S2B		
ACCIPITER STRIATUS	SHARP-SHINNED HAWK	G5	S1?B	PS	

<b>SPECIES NAME</b>	<b>COMMON NAME</b>	<b>GLOBAL RANK</b>	<b>STATE RANK</b>	<b>FEDERAL STATUS</b>	<b>STATE STATUS</b>
AQUILA CHRYSAETOS	GOLDEN EAGLE	G5	S1N		
ELANOIDES FORFICATUS	SWALLOW-TAILED KITE	G5	S2B		LE
HALIAEETUS LEUCOCEPHALUS	BALD EAGLE	G5	S3B,S2N		
<b><u>PANDIONIDAE</u></b>					
PANDION HALIAETUS	OSPREY	G5	S3B,S1S2N		
<b>FALCONIFORMES</b>					
<b><u>FALCONIDAE</u></b>					
FALCO COLUMBARIUS	MERLIN	G5	S1N		
FALCO PEREGRINUS	PEREGRINE FALCON	G4	S1N		LE
FALCO SPARVERIUS PAULUS	SOUTHEASTERN AMERICAN KESTREL	G5T4	S2B		
<b>GALLIFORMES</b>					
<b><u>ODONTOPHORIDAE</u></b>					
COLINUS VIRGINIANUS	NORTHERN BOBWHITE	G4G5	S3S4	PS	
<b>GRUIFORMES</b>					
<b><u>GRUIDAE</u></b>					
GRUS CANADENSIS PULLA	MISSISSIPPI SANDHILL CRANE	G5T1	S1	LE	LE
<b><u>RALLIDAE</u></b>					
COTURNICOPS NOVEBORACENSIS	YELLOW RAIL	G4	S2N		
LATERALLUS JAMAICENSIS	BLACK RAIL	G3G4	S2N		
PORPHYRIO MARTINICA	PURPLE GALLINULE	G5	S2B		
RALLUS ELEGANS	KING RAIL	G4	S3		
<b>PASSERIFORMES</b>					
<b><u>CARDINALIDAE</u></b>					
PASSERINA CIRIS	PAINTED BUNTING	G5	S3B		
PIRANGA OLIVACEA	SCARLET TANAGER	G5	S2?B		
<b><u>EMBERIZIDAE</u></b>					
AMMODRAMUS HENSLOWII	HENSLOW'S SPARROW	G4	S2N		
AMMODRAMUS LECONTEII	LE CONTE'S SPARROW	G5	S3N		
AMMODRAMUS MARITIMUS	SEASIDE SPARROW	G4	S2	PS	
AMMODRAMUS NELSONI	NELSON'S SHARP-TAILED SPARROW	G5	S2N		
AMMODRAMUS SAVANNARUM	GRASSHOPPER SPARROW	G5	S3B,S3N	PS	
PEUCAEA AESTIVALIS	BACHMAN'S SPARROW	G3	S3B,S3S4N		
<b><u>FRINGILLIDAE</u></b>					
LOXIA CURVIROSTRA	RED CROSSBILL	G5	S1B		
<b><u>ICTERIDAE</u></b>					
EUPHAGUS CAROLINUS	RUSTY BLACKBIRD	G4	S2N		
<b><u>PARULIDAE</u></b>					
HELMITHEROS VERMIVORUS	WORM-EATING WARBLER	G5	S2B		
LIMNOTHLYPIS SWAINSONII	SWAINSON'S WARBLER	G4	S2S3B		
PARKESIA MOTACILLA	LOUISIANA WATERTHRUSH	G5	S2S3B		
SEIURUS AUROCAPILLA	OVENBIRD	G5	S1B		
SETOPHAGA CERULEA	CERULEAN WARBLER	G4	S2B		
VERMIVORA BACHMANII	BACHMAN'S WARBLER	GH	SXB	LE	LE
<b><u>TROGLODYTIDAE</u></b>					
THRYOMANES BEWICKII	BEWICK'S WREN	G5	S1B,S1N		LE
<b><u>TYRANNIDAE</u></b>					
TYRANNUS DOMINICENSIS	GRAY KINGBIRD	G5	S1B,S1N		
TYRANNUS FORFICATUS	SCISSOR-TAILED FLYCATCHER	G5	S1B,S1N		
<b>PELECANIFORMES</b>					
<b><u>ANHINGIDAE</u></b>					
ANHINGA ANHINGA	ANHINGA	G5	S3B, S1N		
<b><u>ARDEIDAE</u></b>					
BOTAURUS LENTIGINOSUS	AMERICAN BITTERN	G5	S1N		

<b>SPECIES NAME</b>	<b>COMMON NAME</b>	<b>GLOBAL RANK</b>	<b>STATE RANK</b>	<b>FEDERAL STATUS</b>	<b>STATE STATUS</b>
EGRETTA RUFESCENS	REDDISH EGRET	G4	S2N		
EGRETTA THULA	SNOWY EGRET	G5	S2B,S1N		
EGRETTA TRICOLOR	TRICOLORED HERON	G5	S2B,S1N		
IXOBRYCHUS EXILIS	LEAST BITTERN	G5	S2B		
NYCTANASSA VIOLACEA	YELLOW-CROWNED NIGHT-HERON	G5	S2B,S1N		
NYCTICORAX NYCTICORAX	BLACK-CROWNED NIGHT-HERON	G5	S2B,S4N		
<b><u>PELECANIDAE</u></b>					
PELECANUS ERYTHORHYNCHOS	AMERICAN WHITE PELICAN	G4	S3N		
PELECANUS OCCIDENTALIS	BROWN PELICAN	G4	S1N		LE
<b><u>THRESKIORNITHIDAE</u></b>					
EUDOCIMUS ALBUS	WHITE IBIS	G5	S2B,S3N		
PLEGADIS CHIHI	WHITE-FACED IBIS	G5	SNA		
<b>PICIFORMES</b>					
<b><u>PICIDAE</u></b>					
CAMPEPHILUS PRINCIPALIS	IVORY-BILLED WOODPECKER	G1	SX	LE	LE
PICOIDES BOREALIS	RED-CKOADED WOODPECKER	G3	S1	LE	LE
<b><u>STRIGIDAE</u></b>					
ASIO FLAMMEUS	SHORT-EARED OWL	G5	S2N		
<b><u>TYTONIDAE</u></b>					
TYTO ALBA	BARN OWL	G5	S3		
<b>MAMMALIA</b>					
<b>CARNIVORA</b>					
<b><u>FELIDAE</u></b>					
PUMA CONCOLOR CORYI	FLORIDA PANTHER	G5T1	SX	LE	LE
<b><u>MUSTILIDAE</u></b>					
MUSTELA FRENATA	LONG-TAILED WEASEL	G5	S2?		
SPILOGALE PUTORIUS	EASTERN SPOTTED SKUNK	G4	S1		
<b><u>URSIDAE</u></b>					
URSUS AMERICANUS	BLACK BEAR	G5	S1		LE
URSUS AMERICANUS LUTEOLUS	LOUISIANA BLACK BEAR	G5T2	S1		LE
<b>CHIROPTERA</b>					
<b><u>VESPERTILIONIDAE</u></b>					
CORYNORHINUS RAFINESQUII	RAFINESQUE'S BIG-EARED BAT	G3G4	S3		
LASIONYCTERIS NOCTIVAGANS	SILVER-HAIRED BAT	G3G4	SNA		
LASIURUS CINEREUS	HOARY BAT	G3G4	S2?	PS	
LASIURUS INTERMEDIUS	NORTHERN YELLOW BAT	G5	SX		
MYOTIS AUSTRORIPARIUS	SOUTHEASTERN MYOTIS	G4	S3S4		
MYOTIS GRISESCENS	GRAY MYOTIS	G4	SH	LE	LE
MYOTIS LUCIFUGUS	LITTLE BROWN MYOTIS	G3	SH		
MYOTIS SEPTENTRIONALIS	NORTHERN LONG-EARED MYOTIS	G1G2	SH	LT	
MYOTIS SODALIS	INDIANA OR SOCIAL MYOTIS	G2	S1B	LE	LE
PERIMYOTIS SUBFLAVUS	TRICOLORED BAT	G2G3	S3S4		
<b>RODENTIA</b>					
<b><u>DIPODIDAE</u></b>					
ZAPUS HUDSONIUS	MEADOW JUMPING MOUSE	G5	S1	PS	
<b><u>MURIDAE</u></b>					
PEROMYSCUS POLIONOTUS	OLDFIELD MOUSE	G5	S2	PS	
<b><u>SCIURIDAE</u></b>					
SCIURUS NIGER	EASTERN FOX SQUIRREL	G5	S3S4		
<b>SIRENIA</b>					
<b><u>TRICHECHIDAE</u></b>					
TRICHECHUS MANATUS	MANATEE	G2	S1N	LT	LE

## **Rank & Status Definitions**

The Mississippi Natural Heritage Program uses the Heritage ranking system developed by [The Nature Conservancy](#) and maintained by [NatureServe](#). Each species is assigned two ranks; one representing its range wide or global status (GRANK), and one representing its status in the state (SRANK). In addition, certain species may possess a legal protection status.

### **State Ranks**

State ranks denote a species' conservation status in Mississippi on a five-point scale from critically imperiled (1) to secure (5). They are assigned by Heritage Program Staff and are denoted by an "S" followed by a number or character. These ranks should not be interpreted as legal designations.

**SX – Presumed Extirpated** – Species or ecosystem is believed to be extirpated from Mississippi. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.

**SH – Possibly Extirpated** – Known from only historical records in Mississippi, but still some home of rediscovery. There is evidence that the species or ecosystem may no longer be present in the jurisdiction, but not enough to state this with certainty.

**S1 – Critically Imperiled** in Mississippi because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) such as very steep declines making it especially vulnerable to extirpation.

**S2 – Imperiled** in Mississippi because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it vulnerable to extirpation.

**S3 – Vulnerable** in Mississippi due to a restricted range (on the order of 21 to 100 occurrences), relatively few populations or occurrences, recent and widespread declines, or other factors making it vulnerable to extirpation.

**S4 – Apparently Secure** – Uncommon but not rare in Mississippi; some cause for long-term concern due to declines or other factors (more than 101 occurrences).

**S5 – Secure** – Common, widespread, and abundant in Mississippi.

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

**SNR – Unranked** – Conservation status not yet assessed.

**SNA – Not Applicable** – A conservation status rank is not applicable because the species or ecosystem is not a suitable target for conservation activities (e.g., long distance aerial and aquatic migrants, hybrids without conservation value, and non-native species or ecosystems).

**S#S# – Range Rank** - A numeric range rank (e.g., S2S3) is used to indicate any range of uncertainty about the status of the species or community.

**S#? – Inexact Numeric Rank** – Denotes inexact numeric rank.

**S#B – Breeding** – Conservation status refers to the breeding population of the species in Mississippi.

**S#N – Non-breeding** – Conservation status refers to the non-breeding population of the species in Mississippi.

**S#M – 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 Mississippi.

## Global ranks

Global ranks follow the same principle as state ranks, but refer to a species' rarity throughout its total range. They are assigned by the NatureServe Network and are denoted with a "G" followed by a number or character as described above. However, there are two additional definitions:

**G#Q – Questionable taxonomy that may reduce conservation priority** – Distinctiveness of this entity as a species, subspecies, or ecosystem is questionable. Resolution of this uncertainty may result in the change from a species to a subspecies or vice versa.

**G#T# – Intraspecific Taxon** (trinomial) – The status of intraspecific taxa (subspecies or varieties) are indicated by a "T-rank" which is appended to the species' global rank. It denotes the rarity of the subspecies. For example, a critically imperiled subspecies of an otherwise widespread and common species would be a G5T1.

Source: [NatureServe Conservation Status Assessment](#)

## Federal and State Statuses

Federal and State statuses are legal protection designations for certain species. A federal listing status is determined by U.S. Fish & Wildlife as part of the 1974 Endangered Species Act while a state listing status is determined by the Mississippi Commission on Wildlife, Fisheries, & Parks. Note that plants receive no formal legal protection by state law in Mississippi other than that provided for in the trespass laws. Abbreviations used are defined below.

**LE – Listed Endangered** - A species which is in danger of extinction throughout all or a significant portion of its range.

**LT – Listed Threatened** - A species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

**SAE – Endangered due to similarity of appearance** - A species that is endangered due to similarity of appearance with another listed species and is listed for its protection.

**SAT – Threatened due to similarity of appearance** - A species that is threatened due to similarity of appearance with another listed species and is listed for its protection.

**PS – Partial Status** - A species is listed in parts of its range and not in others; or, one or more subspecies or varieties are listed, while the others are not listed.

**PE – Proposed Endangered** – Species proposed for official listing as endangered.

**PT – Proposed Threatened** – Species proposed for official listing as threatened.

**C – Candidate Species** - A species under consideration for official listing for which there is sufficient information to support proposing to list as endangered or threatened.

**SC – Species of Concern** – A species that has not been petitioned or been given LE, LT, or C status but has been identified as important to monitor and in need of conservation actions.

Source: [U.S. Fish & Wildlife Service Endangered Species Program](#)