

**MISSISSIPPI NATURAL HERITAGE PROGRAM**  
**LISTED SPECIES OF MISSISSIPPI**

- 2011 -

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	STATE RANK	FEDERAL STATUS	STATE STATUS
<b>ANIMALIA</b>					
<b>MOLLUSCA</b>					
<b>BIVALVIA</b>					
<b>UNIONOIDA</b>					
<b><u>UNIONIDAE</u></b>					
ACTINONAIAS LIGAMENTINA	MUCKET	G5	S1		LE
CYCLONAIAS TUBERCULATA	PURPLE WARTYBACK	G5	S1		LE
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
MEDIONIDUS ACUTISSIMUS	ALABAMA MOCCASINSHELL	G2	S1	LT	LE
PLETHOBASUS CYPHYUS	SHEEPNOSE	G3	S1	LE	LE
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 PEROVATUM	OVATE CLUBSHELL	G1	S1	LE	LE
PLEUROBEMA RUBRUM	PYRAMID PIGTOE	G2G3	S2		LE
PLEUROBEMA TAITIANUM	HEAVY PIGTOE	G1	SX	LE	LE
PLEURONAIAS DOLABELLOIDES	SLABSIDE PEARLYMUSSEL	G2	S1	LE	LE
POTAMILUS CAPAX	FAT POCKETBOOK	G2	S1	LE	LE
POTAMILUS INFLATUS	INFLATED HEELSPLITTER	G1G2Q	SH	LT	LE
PTYCHOBANCHUS FASCIOLARIS	KIDNEYSHELL	G4G5	S1		LE
THELIDDERMA CYLINDRICA	RABBITSFOOT	G3G4T3	S1	LT	LE
CYLINDRICA					
THELIDDERMA METANEVRA	MONKEYFACE	G4	SX		LE
THELIDDERMA STAPES	STIRRUPSHELL	GH	SX	LE	LE
<b>ARTHROPODA</b>					
<b>MALACOSTRACA</b>					
<b>DECAPODA</b>					
<b><u>CAMBARIDAE</u></b>					
CREASERINUS GORDONI	CAMP SHELBY BURROWING CRAWFISH	G1	S1		LE
<b>INSECTA</b>					
<b>COLEOPTERA</b>					
<b><u>SILPHIDAE</u></b>					
NICROPHORUS AMERICANUS	AMERICAN BURYING BEETLE	G3	SX	LE	LE
<b>LEPIDOPTERA</b>					
<b><u>NYMPHALIDAE</u></b>					
NEONYMPHA MITCHELLII	MITCHELL'S SATYR	G2	S1	LE	LE
MITCHELLII					

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<b>CRANIATA</b>					
<b>ACTINOPTERYGII</b>					
<b>ACIPENSERIFORMES</b>					
<b><u>ACIPENSERIDAE</u></b>					
ACIPENSER OXYRINCHUS DESOTOI	GULF STURGEON	G3T2T3	S1	LT	LE
SCAPHIRHYNCHUS ALBUS	PALLID STURGEON	G2	S1	LE	LE
SCAPHIRHYNCHUS SUTTKUSI	ALABAMA STURGEON	G1	SH	LE	LE
<b>CYPRINIFORMES</b>					
<b><u>CYPRINIDAE</u></b>					
CHROSOMUS ERYTHROGASTER	SOUTHERN REDBELLY DACE	G5	S2		LE
NOTROPIS BOOPS	BIGEYE SHINER	G5	S1		LE
NOTROPIS CHALYBAEUS	IRONCOLOR SHINER	G4	S1		LE
PHENACOBIOUS MIRABILIS	SUCKERMOUTH MINNOW	G5	S1		LE
<b>PERCIFORMES</b>					
<b><u>PERCIDAE</u></b>					
CRYSTALLARIA ASPRELLA	CRYSTAL DARTER	G3	S1		LE
ETHEOSTOMA BLENNIOIDES	GREENSIDE DARTER	G5	S1		LE
ETHEOSTOMA RUBRUM	BAYOU DARTER	G1	S1	LT	LE
PERCINA AURORA	PEARL DARTER	G1	S1	LT	LE
PERCINA PHOXOCEPHALA	SLENDERHEAD DARTER	G5	S1		LE
<b>SILURIFORMES</b>					
<b><u>ICTALURIDAE</u></b>					
NOTURUS EXILIS	SLENDER MADTOM	G5	SH		LE
NOTURUS GLADIATOR	PIEBALD MADTOM	G3	S1		LE
NOTURUS MUNITUS	FRECKLEBELLY MADTOM	G3	S2		LE
<b>AMPHIBIA</b>					
<b>ANURA</b>					
<b><u>RANIDAE</u></b>					
RANA SEVOSA	DUSKY GOPHER FROG	G1	S1	LE	LE
<b>CAUDATA</b>					
<b><u>AMPHIUMIDAE</u></b>					
AMPHIUMA PHOLETER	ONE-TOED AMPHIUMA	G3	S1		LE
<b><u>CRYPTOBRANCHIDAE</u></b>					
CRYPTOBRANCHUS ALLEGANIENSIS	HELLBENDER	G3	S1	PS	LE
<b><u>PLETHODONTIDAE</u></b>					
ANEIDES AENEUS	GREEN SALAMANDER	G3G4	S1		LE
EURYCEA LUCIFUGA	CAVE SALAMANDER	G5	S1		LE
GYRINOPHILUS PORPHYRITICUS	SPRING SALAMANDER	G5	S1		LE
<b>REPTILIA</b>					
<b>SQUAMATA</b>					
<b><u>COLUBRIDAE</u></b>					
DRYMARCHON COUPERI	EASTERN INDIGO SNAKE	G3	SX	LT	LE
FARANCIA ERYTROGRAMMA	RAINBOW SNAKE	G4	S2		LE
HETERODON SIMUS	SOUTHERN HOGNOSE SNAKE	G2	SX		LE
PITUOPHIS MELANOLEUCUS LODINGI	BLACK PINE SNAKE	G4T1?	S2	LT	LE

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<b>TESTUDINES</b>					
<b><u>CHELONIIDAE</u></b>					
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><u>DERMOCHELYIDAE</u></b>					
DERMOCHELYS CORIACEA	LEATHERBACK SEA TURTLE	G2	SNA	LE	LE
<b><u>EMYDIDAE</u></b>					
GRAPTEMYS FLAVIMACULATA	YELLOW-BLOTCHED MAP TURTLE	G2G3	S2	LT	LE
GRAPTEMYS NIGRINODA	BLACK-KNOBBED MAP TURTLE	G3	S2		LE
GRAPTEMYS OCULIFERA	RINGED MAP TURTLE	G2	S2	LT	LE
PSEUDEMYDAS ALABAMENSIS	ALABAMA RED-BELLIED TURTLE	G1	S1	LE	LE
<b><u>TESTUDINIDAE</u></b>					
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	G3	S2	LT	LE
<b>AVES</b>					
<b>CHARADRIIFORMES</b>					
<b><u>CHARADRIIDAE</u></b>					
CHARADRIUS MELODUS	PIPING PLOVER	G3	S2N	LT	LE
CHARADRIUS NIVOSUS	SNOWY PLOVER	G3	S2	PS:LT	LE
<b><u>LARIDAE</u></b>					
STERNULA ANTILLARUM ATHALASSOS	INTERIOR LEAST TERN	G4T3Q	S2B	PS:LE	LE
<b>CICONIIFORMES</b>					
<b><u>CICONIIDAE</u></b>					
MYCTERIA AMERICANA	WOOD STORK	G4	S2N	LT	LE
<b>ACCIPITRIFORMES</b>					
<b><u>ACCIPITRIDAE</u></b>					
ELANOIDES FORFICATUS	SWALLOW-TAILED KITE	G5	S2B		LE
<b>FALCONIFORMES</b>					
<b><u>FALCONIDAE</u></b>					
FALCO PEREGRINUS	PEREGRINE FALCON	G4	S1N		LE
<b>GRUIFORMES</b>					
<b><u>GRUIDAE</u></b>					
GRUS CANADENSIS PULLA	MISSISSIPPI SANDHILL CRANE	G5T1	S1	LE	LE
<b>PASSERIFORMES</b>					
<b><u>PARULIDAE</u></b>					
VERMIVORA BACHMANII	BACHMAN'S WARBLER	GH	SXB	LE	LE
<b><u>TROGLODYTIDAE</u></b>					
THRYOMANES BEWICKII	BEWICK'S WREN	G5	S1B,S1N		LE
<b>PELECANIFORMES</b>					
<b><u>PELECANIDAE</u></b>					
PELECANUS OCCIDENTALIS	BROWN PELICAN	G4	S1N		LE

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<b>AVES</b>					
<b>PICIFORMES</b>					
<b><u>PICIDAE</u></b>					
CAMPEPHILUS PRINCIPALIS	IVORY-BILLED WOODPECKER	G1	SX	LE	LE
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	G3	S1	LE	LE
<b>MAMMALIA</b>					
<b>CARNIVORA</b>					
<b><u>FELIDAE</u></b>					
PUMA CONCOLOR CORYI	FLORIDA PANTHER	G5T1	SX	LE	LE
<b><u>URSIDAE</u></b>					
URSUS AMERICANUS	BLACK BEAR	G5	S1		LE
<b>CHIROPTERA</b>					
<b><u>VESPERTILIONIDAE</u></b>					
MYOTIS GRISESCENS	GRAY MYOTIS	G4	SH	LE	LE
MYOTIS SODALIS	INDIANA OR SOCIAL MYOTIS	G2	S1B	LE	LE
<b>SIRENIA</b>					
<b><u>TRICHECHIDAE</u></b>					
TRICHECHUS MANATUS	MANATEE	G2G3	S1N	LT	LE
<b>Whales, Order Cetacea, excluding Family Delphinidae</b>					
<b>PLANTAE</b>					
<b>LYCOPHYTA</b>					
<b>ISOETOPSIDA</b>					
<b>ISOETALES</b>					
<b><u>ISOETACEAE</u></b>					
ISOETES LOUISIANENSIS	LOUISIANA QUILLWORT	G2	S2	LE	
<b>ANTHOPHYTA</b>					
<b>DICOTYLEDONEAE</b>					
<b>ASTERALES</b>					
<b><u>ASTERACEAE</u></b>					
HELIANTHUS VERTICILLATUS	WHORLED SUNFLOWER	G1	S1	LE	
<b>FABALES</b>					
<b><u>FABACEAE</u></b>					
APIOS PRICEANA	PRICE'S POTATO-BEAN	G3	S1	LT	
<b>LAURALES</b>					
<b><u>LAURACEAE</u></b>					
LINDERA MELISSIFOLIA	PONDBERRY	G3	S2	LE	
<b>SCROPHULARIALES</b>					
<b><u>SCROPHULARIACEAE</u></b>					
SCHWALBEA AMERICANA	CHAFFSEED	G2	SH	LE	
<b>ORCHIDALES</b>					
<b><u>ORCHIDACEAE</u></b>					
PLATANThERA INTEGRILABIA	WHITE FRINGELESS ORCHID	G2G3	S1	LT	

## **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 hope 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](#)