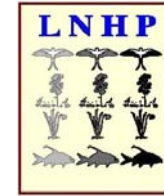




Rare, Threatened, & Endangered Species & Natural Communities  
 Tracked by the Louisiana Natural Heritage Program  
 Bossier Parish - April 2008

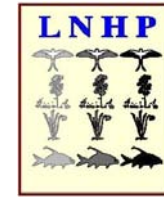


PARISH: Bossier

Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status
<a href="#"><i>Aimophila aestivalis</i></a>	Bachman's Sparrow	S3	G3		
<i>Ammocrypta clara</i>	Western Sand Darter	S2	G3		
<i>Anemone berlandieri</i>	ten petal thimbleweed	S2	G4?		
<a href="#">Bottomland hardwood forest</a>	Bottomland Hardwood Forest	S4	G4G5		
<a href="#">Calcareous forest</a>	Calcareous Forest	S2	G2?Q		
<i>Camassia scilloides</i>	Atlantic Camas	S3	G4G5		
<a href="#">Carex decomposita</a>	Cypress-knee Sedge	S3	G3		
<i>Carex meadii</i>	Mead's Sedge	S3	G4G5		
<i>Cirsium engelmannii</i>	Cirsium Terraenigrae	SU	G4		
<i>Coreopsis palmata</i>	Stiff Tickseed	S2	G5		
<a href="#">Cypress swamp</a>	Cypress Swamp	S4	G4G5		
<a href="#">Cypress-tupelo swamp</a>	Cypress-tupelo Swamp	S4	G3G5		
<a href="#">Cypripedium kentuckiense</a>	Southern Lady's-slipper	S1	G3		
<i>Dodecatheon meadia</i>	Common Shooting-star	S2	G5		
<i>Eleocharis wolfii</i>	Wolf Spikerush	S3	G3G4		
<i>Erythronium albidum</i>	White Trout-lily	S2	G5		
<a href="#">Forested seep</a>	Forested Seep	S3	G3?		
<i>Forestiera ligustrina</i>	Upland Swamp Privet	S3	G4G5		
<a href="#">Haliaeetus leucocephalus</a>	Bald Eagle	S2N,S3B	G5	Endangered	Delisted
<a href="#">Hardwood slope forest</a>	Hardwood Slope Forest	S3S4	G2G3		
<i>Helenium campestre</i>	Old Field Sneezeweed	S1	G4		
<i>Houstonia purpurea</i> var. <i>calycosa</i>	Purple Bluet	S2	G5T5		
<i>Isotria verticillata</i>	Large Whorled Pogonia	S3	G5		
<i>Koeleria macrantha</i>	June grass	S1	G5		
<i>Lindheimeria texana</i>	Texas Yellow-star	S1	G5		
<i>Marshallia caespitosa</i> var. <i>signata</i>	Barbara's Buttons	S1	G4T4		
<i>Mirabilis albid</i>	Pale Umbrella-wort	S2	G5		



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Scientific Name	Common Name	State Rank	Global Rank	State Status	Federal Status
<a href="#">Mixed hardwood-loblolly forest</a>	Mixed Hardwood-loblolly Forest	S4	G3G4		
<i>Monotropa hypopithys</i>	American Pinesap	S2	G5		
<a href="#">Morse clay calcareous prairie</a>	Morse Clay Calcareous Prairie	S1	G1G2		
<a href="#">Mustela frenata</a>	Long-tailed Weasel	S2S4	G5		
<i>Nemastylis geminiflora</i>	Prairie Pleat-leaf	S2S3	G4		
<i>Oenothera pilosella ssp. sessilis</i>	Meadow Evening Primrose	S1?	G5T2Q		
<i>Oenothera rhombipetala</i>	Four-point Evening Primrose	S1?	G4G5		
<i>Phlox pilosa ssp. ozarkana</i>	Downy Phlox	S2?	G5TNR		
<a href="#">Picoides borealis</a>	Red-cockaded Woodpecker	S2	G3	Endangered	LE
<a href="#">Quercus arkansana</a>	Arkansas Oak	S2	G3		
<i>Quercus macrocarpa</i>	Burr Oak	S1	G5		
<i>Ratibida pinnata</i>	Yellow Coneflower	S2?	G5		
<a href="#">Rudbeckia triloba</a>	Three-lobed Coneflower	S3	G5		
<i>Sanguinaria canadensis</i>	Bloodroot	S2	G5		
<i>Silene stellata</i>	Starry Champion	S2	G5		
<a href="#">Small stream forest</a>	Small Stream Forest	S3	G3		
<i>Solanum dimidiatum</i>	Western Horse-nettle	S2S3	G5		
<i>Solidago auriculata</i>	Eared Goldenrod	S4	G4		
<a href="#">Sterna antillarum athalassos</a>	Interior Least Tern	S1B	G4T2Q	Endangered	PS:LE
<i>Symphotrichum drummondii var. texanum</i>	Texas Aster	S1?	G5TNR		
<i>Taenidia integerrima</i>	Yellow Pimpernell	S2	G5		
<i>Thalictrum revolutum</i>	Windflower	S1	G5		
<i>Trillium recurvatum</i>	Reflexed Trillium	S2	G5		
<i>Triosteum angustifolium</i>	Yellowleaf Tinker's-weed	S2	G5		
<a href="#">Triphora trianthophora</a>	Nodding Pogonia	S2	G3G4		
<i>Viola pubescens</i>	Downy Yellow Violet	S1	G5		
<a href="#">Vireo gilvus</a>	Warbling Vireo	S1B	G5		
Waterbird Nesting Colony	Waterbird Nesting Colony	SNR	GNR		
<a href="#">Wet hardwood flatwoods</a>	Wet Hardwood Flatwoods	S2S3	G2G3		
<i>Zigadenus nuttallii</i>	Nuttall Death Camas	S1	G5		

## EXPLANATION OF RANKING CATEGORIES EMPLOYED BY NATURAL HERITAGE PROGRAMS NATIONWIDE

Each element is assigned a single global rank as well as a state rank for each state in which it occurs. Global ranking is done under the guidance of NatureServe, Arlington, VA. State ranks are assigned by each state's Natural Heritage Program, thus a rank for a particular element may vary considerably from state to state. Federal ranks are designated by the U.S. Fish & Wildlife Service under the provisions of the Endangered Species Act of 1973. **DISCLAIMER:** This document is not an official copy of the laws in effect and should not be utilized or relied upon as such. For this reason, the accuracy of the information contained within this document cannot be guaranteed and the reader is cautioned that it is his/her responsibility to be apprised of the laws in effect at any given time. These laws include those contained within the Louisiana Revised Statutes, particularly Title 56, the official regulations of the Louisiana Wildlife and Fisheries Commission, federal laws, and any local or parish ordinances.

### FEDERAL RANKS (USES A FIELD):

LE = Listed Endangered

LT = Listed Threatened

PE = Proposed endangered

PT = Proposed Threatened

C = Candidate

PDL = Proposed for delisting

E (S/A) or T (S/A) = Listed endangered or threatened because of similarity of appearance

XE = Essential experimental population

XN = Nonessential experimental population

No Rank = Usually indicates that the taxon does not have any federal status. However, because of potential lag time between publication in the Federal Register and entry in the central databases and state databases, some taxa may have a status which does not yet appear.

(Rank, Rank) = Combination values in parenthesis = The taxon itself is not named in the Federal Register as having U.S. ESA status; however, all of its infraspecific taxa (worldwide) do have official status. The statuses shown in parentheses indicate the statuses that apply to infraspecific taxa or populations within this taxon. *THE SPECIES IS CONSIDERED TO HAVE A COMBINATION STATUS IN LOUISIANA*

(PS) = partial status = Status in only a portion of the species' range. Typically indicated in a "full" species record where an infraspecific taxon or population has U.S. ESA status, but the entire species does not. *THE SPECIES DOES NOT HAVE A STATUS IN LOUISIANA*

(PS: Rank) = partial status = Status in only a portion of the species' range. The value of that status appears because the entity with status does not have an individual entry in NatureServe. *THE SPECIES MAY HAVE A STATUS IN LOUISIANA*

### GLOBAL ELEMENT RANKS:

G1 = critically imperiled globally because of extreme rarity (5 or fewer known extant populations) or because of some factor(s) making it especially vulnerable to extinction

G2 = imperiled globally because of rarity (6 to 20 known extant populations) or because of some factor(s) making it very vulnerable to extinction throughout its range

G3 = either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g., a single physiographic region) or because of other factors making it vulnerable to extinction throughout its range (21 to 100 known extant populations)

G4 = apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery (100 to 1000 known extant populations)

G5 = demonstrably secure globally, although it may be quite rare in parts of its range, especially at the periphery (1000+ known extant populations)

GH = of historical occurrence throughout its range; i.e., formerly part of the established biota, with the possibility that it may be rediscovered (e.g., Bachman's Warbler)

GU = possibly in peril range-wide, but status uncertain; need more information

G? = rank uncertain. Or a range (e.g., G3G5) delineates the limits of uncertainty

GQ = uncertain taxonomic status

GX = believed to be extinct throughout its range (e.g., Passenger Pigeon) with virtually no likelihood that it will be rediscovered

T = subspecies or variety rank (e.g., G5T4 applies to a subspecies with a global species rank of G5, but with a subspecies rank of G4)

### STATE ELEMENT RANKS:

S1 = critically imperiled in Louisiana because of extreme rarity (5 or fewer known extant populations) or because of some factor(s) making it especially vulnerable to extirpation

S2 = imperiled in Louisiana because of rarity (6 to 20 known extant populations) or because of some factor(s) making it very vulnerable to extirpation

S3 = rare and local throughout the state or found locally (even abundantly at some of its locations) in a restricted region of the state, or because of other factors making it vulnerable to extirpation (21 to 100 known extant populations)

S4 = apparently secure in Louisiana with many occurrences (100 to 1000 known extant populations)

S5 = demonstrably secure in Louisiana (1000+ known extant populations)

(B or N may be used as qualifier of numeric ranks and indicating whether the occurrence is breeding or nonbreeding)

SA = accidental in Louisiana, including species (usually birds or butterflies) recorded once or twice or only at great intervals hundreds or even thousands of miles outside their usual range

SH = of historical occurrence in Louisiana, but no recent records verified within the last 20 years; formerly part of the established biota, possibly still persisting

SR = reported from Louisiana, but without conclusive evidence to accept or reject the report

SU = possibly in peril in Louisiana, but status uncertain; need more information

SX = believed to be extirpated from Louisiana

SZ = transient species in which no specific consistent area of occurrence is identifiable

### STATE PROTECTION STATUS:

*State status are contained in Title 56 of the Louisiana Revised Statutes as well as relevant rules and regulations adopted by the Louisiana Wildlife and Fisheries Commission and the Secretary of the Department of Wildlife and Fisheries. The Secretary of the Department of Wildlife and Fisheries is authorized to implement additional restrictions in emergency situations in order to protect fish and wildlife resources.*

Endangered = Taking or harassment of these species is a violation of state and federal laws.

Threatened = Taking or harassment of these species is a violation of state and federal laws.

Threatened/Endangered = Taking or harassment of these species is a violation of state and federal laws.

Prohibited = Possession of these species is prohibited. No legal harvest or possession.

Restricted Harvest = There are restrictions regarding the taking and possession of these species