

APPENDIX G

Natural Plant Communities in the Big Cypress Bayou Watershed Listed by Texas Parks
And Wildlife Department as Requiring Special Attention.

**Natural Plant Communities that Require Special Attention.
Big Cypress Bayou Watershed, Texas.**

<u>Common Name</u>	<u>Status</u>	
	<u>Federal</u>	<u>State</u>
Shortleaf Pine-Oak Series	G4	s4
Water Oak-Willow Oak Series	G2	s3
Sporobolus Silveus Dropseed Series	G2	s2
American Beech-White Oak Series	G3	s2
Sweetbay Magnolia Series	G4	s4
Longleaf Pine-Little Bluestem Series	G3	s2
Swamp Chestnut Oak-Willow Oak Series	G3	s3
Post Oak-Black-Hickory Series	G4	
Baldcypress-Water Tupelo Series	G4	s3
Sugarberry-Elm Series	G4	S4

G2 = Imperiled globally, very rare, 6 to 20 occurrences. (Endangered throughout range).

G3 = Very rare and local throughout range or found locally in restricted range, 21 to 100 occurrences.
(Threatened throughout range).

G4 = Apparently secure globally.

S2 = Imperiled in state, very rare, vulnerable to extirpation, 6 to 20 occurrences

S3 = Rare or uncommon in state, 21 to 100 occurrences.

S4 = Apparently secure in state.

APPENDIX H

Plant Species in the Big Cypress Bayou Watershed Listed by Texas Parks and Wildlife Department and/or U.S. Fish and Wildlife Service as Rare, Threatened, and Endangered.

Rare, Threatened, and Endangered Plants of the Cypress Bayou Watershed.¹

<u>Common Name</u>	<u>Scientific Name</u>	<u>Rank</u>		<u>Status</u>	
		<u>Global</u>	<u>State</u>	<u>Federal</u>	<u>State</u>
Sedges					
Mohlenbrock's umbrella-sedge	<i>Cyperus graiyoides</i>	G3G4	S3	c	2
Forbs					
Texas trillium	<i>Trillium pusillum var. texanum</i>	G3T2T3	S2S3	C	S
Southern lady's-slipper	<i>Cypripedium kentuckiense</i>	G3	S1	c	2
Sandhill four-o'clock	<i>Mirabilis collina</i>	G2	s2	c	2
Neches river rose-mallow	<i>Hibiscus dasycalyx</i>	G1	S1	c	2
Golden wave tickseed	<i>Coreopsis intermedia</i>	G3	S3	c	2
Trees					
Warner's hawthorn	<i>Crataegus warneri</i>	G2Q	S2	c	2

¹Information provided by M. M. Parker, Texas Parks and Wildlife Department.

Rare, Threatened, and Endangered Animals of the Cypress Bayou Watershed.¹

<u>Common Name</u>	<u>Scientific Name</u>	<u>Rank</u>		<u>status</u>	
		<u>Global</u>	<u>State</u>	<u>Federal</u>	<u>State</u>
Mussels					
Rock-pocketbook	<i>Arcidens confragosus</i>	G3	S?		
Louisiana fatmucket	<i>Lampsilis hydiana</i>	G2	S?		
Southern hickorynut	<i>Obovaria jacksoniana</i>	G1G2	S?		
Louisiana pigtoe	<i>Pleurobema riddelli</i>	G2	S?		
Wartyback	<i>Quadrula nodulata</i>	G3	S?		
Pimpleback	<i>Quadrula pustulosa</i>	G5	S?		
Texas lilliput	<i>Toxolasma texasensis</i>	G3Q	S?		
Little spectaclecase	<i>Villosa lienosa</i>	G3	S?		
Fish					
Bluesucker	<i>Cycleptus elongatus</i>	G4	s3	C2	T
Creek Chubsucker	<i>Erimyzon oblongus</i>	G5	S2S3		T
Bluehead Shiner	<i>Notropis hubbsi</i>	G3	s3	C2	T

¹Information provided by M.M. Parker, Texas Parks and Wildlife Department

<u>Common Name</u>	<u>Scientific Name</u>	<u>Rank</u>		<u>Status</u>	
		<u>Global</u>	<u>State</u>	<u>Federal</u>	<u>State</u>
Fish (continued)					
Blackside Darter	<i>Percina maculata</i>	G5	S1		T
Paddlefish	<i>Polyodon spathula</i>	G4	s3	C2	E
Shovelnose Sturgeon	<i>Scaphirhynchus platyrhynchus</i>	G4	S2		E
Reptiles					
Northern Scarlet Snake	<i>Cemophora coccinea copei</i>	G5T5	s3		T
Canebrake Rattlesnake	<i>Crotalus horridus</i>	G5	S5		T
Alligator Snapping Turtle	<i>Macrolemys temminckii</i>	G3G4	S3	c2	T
Texas Homed Lizard	<i>Phrynosoma cornutum</i>	G5	S4	c2	T
Louisiana Pine Snake	<i>Pituophis melanoleucus ruthveni</i>	G5T3	s2	c2	E
Amphibians					
Pig Frog	<i>Rana grylio</i>	G5	s2		
Birds					
Bachman's Sparrow	<i>Aimophila aestivalis</i>	G3	s2	c2	T
Piping Plover	<i>Charadrius melodus</i>	G3	s2	LT	T
Cerulean Warbler	<i>Dendroica cerulea</i>	G5	s3	c2	
American Swallow-tailed Kite	<i>Elanoides forficatus</i>	G5	S2	3c	T
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	G3T2	S2	LE	E
Arctic Peregrine Falcon	<i>Falco peregrinus tundrius</i>	G31-2	s2	LT	T
Whooping Crane	<i>Grus americana</i>	G1	S1	LE	E
Bald Eagle	<i>Haliaeetus leucocephalus</i>	G3	s2	LT	E
Loggerhead Shrike	<i>Lanius ludovicianus</i>	G4	s4	c2	
Wood Stork	<i>Mycteria americana</i>	G5	S3N		T
Brown Pelican	<i>Pelecanus occidentalis</i>	G5	S2	LE	E
Red-cockaded woodpecker	<i>Picoides borealis</i>	G2	s2	LE	E
White-faced Ibis	<i>Plegadis chihi</i>	G5	s2	c2	T
Interior Least Tern	<i>Sterna antillarum</i>	G4T2	S1	LE	E
Mammals					
Red Wolf	<i>Canis rufus</i>	GXC	s x	LE	E
Southeastern Myotis	<i>Myotis austroriparius</i>	G4	s3	c2	
Rafinesque's Big-eared Bat	<i>Plecotus rafinesquii</i>	G3	s3	c2	T
Black Bear	<i>Ursus americanus</i>	G5	s3	T(S/A)	E
Louisiana Black Bear	<i>Ursus</i>	G5T3	SR	LT	E

Abbreviations Relating to Rank and Status of Rare, Threatened, and Endangered Species.

Global Rank

- G1** Critically imperiled globally, extremely rare. 5 or fewer occurrences. (Critically endangered throughout range.)
- G2** Imperiled globally, very rare, 6 to 20 occurrences. (Endangered throughout range.)
- G3** Very rare and local throughout range or found locally in restricted range. 21 to 100 occurrences. (Threatened throughout range.)
- G4** Apparently secure globally.
- G5** Demonstrably secure globally.
- G#T#** "G" = species rank; "T" = rank of variety or subspecies taxa.
- G#G#** Ranked within a range as **status** uncertain.
- GX** Believed to be extinct throughout range.
- C** Captive population exists.
- Q** Qualifier denoting questionable taxonomic assignment.

State Rank

- S1** Critically imperiled in state, extremely rare, very vulnerable to extirpation, 5 or fewer occurrences.
- s2** Imperiled in state, very rare, vulnerable to extirpation, 6 to 20 occurrences.
- s3** Rare or **uncommon** in state, 21 to 100 occurrences.
- s4** Apparently secure in state.
- s5** Demonstrably secure in state.
- SN** Regularly occurring, usually migratory and typically non-breeding status.
- s x** Apparently extirpated **from** State.
- ?** Not ranked to date; or, qualifier denoting uncertain rank.

Federal Status

- LE** Listed endangered.
- LT** Listed threatened.
- T(S/A)** Listed threatened on basis of similarity of appearance.
- C1** Candidate, Category 1. USFWS has substantial **information** on biological **vulnerability** and threats to support proposing to list as endangered or threatened. Data are being gathered on habitat needs and/or critical habitat designations.
- c 2** Candidate, Category 2. Information indicates that proposing to list as endangered or threatened is possibly appropriate, but substantial data on biological vulnerability and threats are not currently known to support the immediate preparation of rules. Further biological research and field study will be necessary to ascertain the status and/or taxonomic validity of the **taxa** in category 2.
- 3 c** Former candidate, rejected because more common, widespread, **or** adequately protected.

State Status

- E** Listed as endangered in the State of Texas.
- T** Listed as threatened in the State of Texas.
- "blank" Not currently listed.