

# TEXAS THREATENED AND ENDANGERED SPECIES

## January 2003

### ANIMALS

In 1973 the Texas legislature authorized the Texas Parks and Wildlife Department to establish a list of endangered animals in the state. **Endangered species** are those species which the Executive Director of the Texas Parks and Wildlife Department has named as being "threatened with statewide extinction." **Threatened species** are those species which the TPW Commission has determined are likely to become endangered in the future. Laws and regulations pertaining to endangered or threatened nongame animal species are contained in Chapters 67 and 68 of the Texas Parks and Wildlife (TPW) Code and Sections 65.171 - 65.18 of Title 31 of the Texas Administrative Code (T.A.C.).

### PLANTS

In 1988 the Texas legislature authorized the Department to establish a list of threatened and endangered plant species for the state. An **endangered plant** is one that is "in danger of extinction throughout all or a significant portion of its range." A **threatened plant** is one which is likely to become endangered within the foreseeable future. Laws and regulations pertaining to endangered or threatened plant species are contained in Chapter 88 of the TPW Code and Sections 69.1 - 69.9 of the T.A.C.

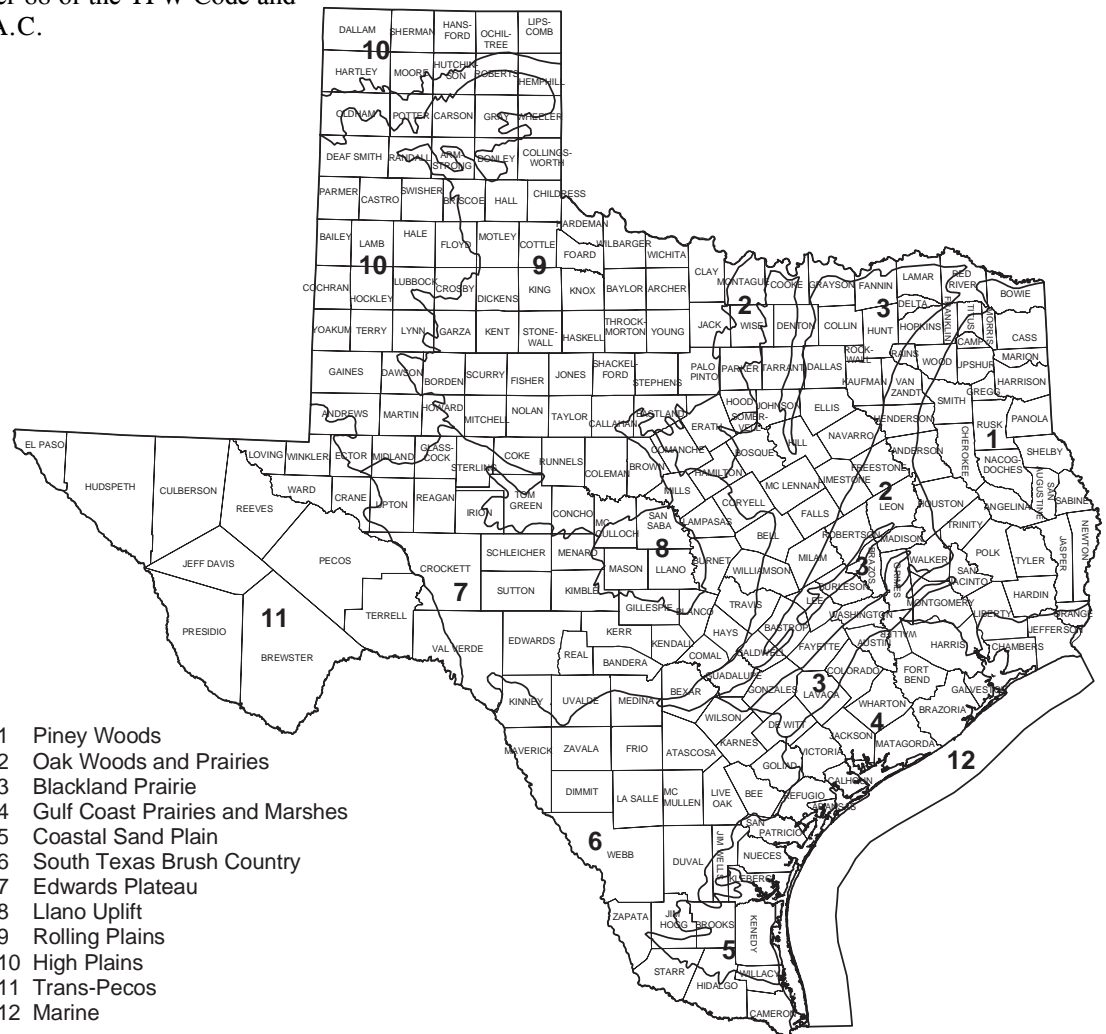
*In 1983, the Texas Legislature created the Special Nongame and Endangered Species Conservation Fund. This fund may be used for nongame wildlife and endangered species research and conservation, habitat acquisition and development, and dissemination of information pertaining to these species. Money for the fund is obtained through private donations and sale of nongame wildlife art prints, decals and stamps. For more information on the fund or endangered species call 1-800-792-1112 or 512-912-7011.*

### REGULATIONS

TPWD regulations prohibit the taking, possession, transportation, or sale of any of the animal species designated by state law as endangered or threatened without the issuance of a permit. State laws and regulations prohibit commerce in threatened and endangered plants and the collection of listed plant species from public land without a permit issued by TPWD. In addition, some species listed as threatened or endangered under state law are also listed under federal regulations. These animals are provided additional protection by the U.S. Fish and Wildlife Service.

### LISTING AND RECOVERY

Listing and recovery of endangered species in Texas is coordinated by the Wildlife Diversity Program. The Department's Permitting Section is responsible for the issuance of permits for the handling of listed species. The following pages list those species which have been designated as threatened or endangered in Texas. The range of the species within the state can be referenced by the map of Texas natural regions below:



COMMON NAME	SCIENTIFIC NAME	STATE STATUS	FEDERAL STATUS	ECOREGIONS OF OCCURRENCE
<b>***MAMMALS</b>				
<b>Bats</b>				
GREATER LONG-NOSED BAT	LEPTONYCTERIS NIVALIS	E	LE	11
RAFINESQUE'S BIG-EARED BAT	CORYNORHINUS RAFINESQUII	T		1
SOUTHERN YELLOW BAT	LASIURUS EGA	T		6
SPOTTED BAT	EUDERMA MACULATUM	T		11
<b>Rodents</b>				
COUES' RICE RAT	ORYZOMYS COUESI	T		6
PALO DURO MOUSE	PEROMYSCUS TRUEI COMANCHE	T		10
TEXAS KANGAROO RAT	DIPODOMYS ELATOR	T		9
<b>Marine Mammals</b>				
ATLANTIC SPOTTED DOLPHIN	STENELLA FRONTALIS	T		12
BLACK RIGHT WHALE	EUBALAENA GLACIALIS	E	LE	12
BLUE WHALE	BALAENOPTERA MUSCULUS	E	LE	12
DWARF SPERM WHALE	KOGIA SIMUS	T		12
FALSE KILLER WHALE	PSEUDORCA CRASSIDENS	T		12
FINBACK WHALE	BALAENOPTERA PHYSALUS	E	LE	12
GERVAIS' BEAKED WHALE	MESOPLODON EUROPAEUS	T		12
GOOSE-BEAKED WHALE	ZIPHIUS CAVIROSTRIS	T		12
KILLER WHALE	ORCINUS ORCA	T		12
PYGMY KILLER WHALE	FERESA ATTENUATA	T		12
PYGMY SPERM WHALE	KOGIA BREVICEPS	T		12
ROUGH-TOOTHED DOLPHIN	STENO BREDANENSIS	T		12
SHORT-FINNED PILOT WHALE	GLOBICEPHALA MACRORHYNCHUS	T		12
SPERM WHALE	PHYSETER MACROCEPHALUS	E	LE	12
WEST INDIAN MANATEE	TRICHECHUS MANATUS	E	LE	(4,12)
<b>Carnivores</b>				
BLACK BEAR	URSUS AMERICANUS	T	T/SA;NL	1, (2,4); (6,8), 7,11
BLACK-FOOTED FERRET	MUSTELA NIGRIPES	E	LE	(9-11)**
GRAY WOLF	CANIS LUPUS	E	LE	(6-11)
GRIZZLY BEAR	URSUS ARCTOS		LT	(10,11)
JAGUAR	PANTHERA ONCA	E	LE	(6,11)
JAGUARUNDI	HERPAILURUS YAGUARONDI	E	LE	(4), 6
LOUISIANA BLACK BEAR	URSUS AMERICANUS LUTEOLUS	T	LT	(1)
MARGAY	LEOPARDUS WIEDII	T		(6)
OCELOT	LEOPARDUS PARDALIS	E	LE	(4), 6
RED WOLF	CANIS RUFUS	E	LE	(1-4,7)**
WHITE-NOSED COATI	NASUA NARICA	T		4,6,7,11
<b>***BIRDS</b>				
<b>Waterbirds</b>				
BROWN PELICAN	PELECANUS OCCIDENTALIS	E	LE	4
REDDISH EGRET	EGRETTA RUFESCENS	T		4
WHITE-FACED IBIS	PLEGADIS CHIHI	T		2-11
WHOOPIING CRANE	GRUS AMERICANA	E	LE	4
WOOD STORK	MYCTERIA AMERICANA	T		1,2,4,6
<b>Raptors</b>				
AMERICAN PEREGRINE FALCON	FALCO PEREGRINUS ANATUM	E		7-11
ARCTIC PEREGRINE FALCON	FALCO PEREGRINUS TUNDRIUS	T		4
BALD EAGLE	HALIAEETUS LEUCOCEPHALUS	T	LT-PDL	1-4,7-11
CACTUS FERRUGINOUS PYGMY-OWL	GLAUCIDIUM BRASILIANUM CACTORUM	T		5,6
COMMON BLACK-HAWK	BUTEOGALLUS ANTHRACINUS	T		6,11
GRAY HAWK	ASTURINA NITIDUS	T		6
MEXICAN SPOTTED OWL	STRIX OCCIDENTALIS LUCIDA	T	LT	11
NORTHERN APLOMADO FALCON	FALCO FEMORALIS SEPTENTRIONALIS	E	LE	6
PEREGRINE FALCON	FALCO PEREGRINUS	E,T		4,7-11
SWALLOW-TAILED KITE	ELANOIDES FORFICATUS	T		1,4
WHITE-TAILED HAWK	BUTEO ALBICAUDATUS	T		4-6
ZONE-TAILED HAWK	BUTEO ALBONOTATUS	T		6,7
<b>Upland Birds</b>				
ATTWATER'S GREATER PRAIRIE-CHICKEN	TYMPANUCHUS CUPIDO ATTWATERI	E	LE	4
<b>Shorebirds</b>				
ESKIMO CURLEW	NUMENIUS BOREALIS	E	LE	4
INTERIOR LEAST TERN	STERNA ANTILLARUM ATHALASSOS	E	LE	2,3,6,7,9
MOUNTAIN PLOVER	CHARADRIUS MONTANUS		PT	3-5,7,9-11
PIPING PLOVER	CHARADRIUS MELODUS	T	LT	4
SOOTY TERN	STERNA FUSCATA	T		4
<b>Woodpeckers</b>				
IVORY-BILLED WOODPECKER	CAMPEPHILUS PRINCIPALIS	E	LE	(1)
RED-COCKADED WOODPECKER	PICOIDES BOREALIS	E	LE	1
<b>Songbirds</b>				
BACHMAN'S SPARROW	AIMOPHILA AESTIVALIS	T		1
BACHMAN'S WARBLER	VERMIVORA BACHMANII	E	LE	(1)
BLACK-CAPPED VIREO	VIREO ATRICAPILLUS	E	LE	7,11
BOTTERI'S SPARROW	AIMOPHILA BOTTERII	T		4
GOLDEN-CHEEKED WARBLER	DENDROICA CHRYSOPARIA	E	LE	7
NORTHERN BEARDLESS-TYRANNULET	CAMPTOSTOMA IMBERBE	T		6
ROSE-THROATED BECARD	PACHYRAMPHUS AGLAIAE	T		6
SOUTHWESTERN WILLOW FLYCATCHER	EMPIDONAX TRAILLII EXTIMUS	E	LE	11
TROPICAL PARULA	PARULA PITIAYUMI	T		6

COMMON NAME	SCIENTIFIC NAME	STATE STATUS	FEDERAL STATUS	ECOREGIONS OF OCCURRENCE
<b>***REPTILES</b>				
<b>Turtles</b>				
ALLIGATOR SNAPPING TURTLE	MACROCHELYS TEMMINCKII	T		1-4
ATLANTIC HAWKSBILL SEA TURTLE	ERETMOCHELYS IMBRICATA	E	LE	12
CAGLE'S MAP TURTLE	GRAPTEMYS CAGLEI	T	C1	2,3,7
CHIHUAHUAN MUD TURTLE	KINOSTERNON HIRTIPES	T		11
GREEN SEA TURTLE	CHELONIA MYDAS	T	LT	12
KEMP'S RIDLEY SEA TURTLE	LEPIDOCHELYS KEMPII	E	LE	12
LEATHERBACK SEA TURTLE	DERMOCHELYS CORIACEA	E	LE	12
LOGGERHEAD SEA TURTLE	CARETTA CARETTA	T	LT	12
TEXAS TORTOISE	GOPHERUS BERLANDIERI	T		4-6
<b>Lizards</b>				
MOUNTAIN SHORT-HORNED LIZARD	PHRYNOSOMA HERNANDESI	T		11
RETICULATE COLLARED LIZARD	CROTAPHYTUS RETICULATUS	T		6
RETICULATED GECKO	COLEONYX RETICULATUS	T		11
TEXAS HORNED LIZARD	PHRYNOSOMA CORNUTUM	T		2-11
<b>Snakes</b>				
BLACK-STRIPED SNAKE	CONIOPHANES IMPERIALIS	T		6
BRAZOS WATER SNAKE	NERODIA HARTERI	T		2,9
CONCHO WATER SNAKE	NERODIA PAUCIMACULATA		LT	8,9
INDIGO SNAKE	DRYMARCHON CORAIS	T		4-7
LOUISIANA PINE SNAKE	PITUOPHIS RUTHVENI	T	C1	1
NORTHERN CAT-EYED SNAKE	LEPTODEIRA SEPTENTRIONALIS	T		4
SCARLET SNAKE	CEMOPHORA COCCINEA	T		1,4-6
SMOOTH GREEN SNAKE	LIOCHLOROPHIS VERNALIS	T		4
SPECKLED RACER	DRYMOBIUS MARGARITIFERUS	T		6
TEXAS LYRE SNAKE	TRIMORPHODON BISCUSTATUS	T		11
TIMBER (CANEBRAKE) RATTLESNAKE	CROTALUS HORRIDUS	T		1-4
TRANS-PECOS BLACK-HEADED SNAKE	TANTILLA CUCULLATA	T		7,11
<b>***AMPHIBIANS</b>				
<b>Salamanders</b>				
BARTON SPRINGS SALAMANDER	EURYCEA SOSORUM	E	LE	7
BLACK-SPOTTED NEWT	NOTOPHTHALMUS MERIDIONALIS	T		4-6
BLANCO BLIND SALAMANDER	EURYCEA ROBUSTA	T		7
CASCADE CAVERNS SALAMANDER	EURYCEA LATITANS	T		7
COMAL BLIND SALAMANDER	EURYCEA TRIDENTIFERA	T		7
SAN MARCOS SALAMANDER	EURYCEA NANA	T	LT	7
SOUTH TEXAS SIREN (LARGE FORM)	SIREN SP 1	T		4-6
TEXAS BLIND SALAMANDER	EURYCEA RATHBUNI	E	LE	7
<b>Frogs and Toads</b>				
HOUSTON TOAD	BUFO HOUSTONENSIS	E	LE	2,4
MEXICAN BURROWING TOAD	RHINOPHRYNUS DORSALIS	T		6
MEXICAN TREEFROG	SMILISCA BAUDINII	T		6
SHEEP FROG	HYPOPACHUS VARIOLOSUS	T		5,6
WHITE-LIPPED FROG	LEPTODACTYLUS LABIALIS	T		6
<b>***FISHES</b>				
<b>Large River Fish</b>				
PADDLEFISH	POLYODON SPATHULA	T		1
SHOVELNOSE STURGEON	SCAPHIRHYNCHUS PLATORYNCHUS	T		1
<b>Minnnows</b>				
ARKANSAS RIVER SHINER	NOTROPIS GIRARDI	T	LT	9
BLUEHEAD SHINER	PTERONOTROPIS HUBBSI	T		1
BLUNTNOSE SHINER	NOTROPIS SIMUS	T		(11)*
CHIHUAHUA SHINER	NOTROPIS CHIHUAHUA	T		11
DEVILS RIVER MINNOW	DIONDA DIABOLI	T	LT	7
MEXICAN STONEROLLER	CAMPOSTOMA ORNATUM	T		11
PROSERPINE SHINER	CYPRINELLA PROSERPINA	T		7,11
RIO GRANDE CHUB	GILA PANDORA	T		11
RIO GRANDE SILVERY MINNOW	HYBOGNATHUS AMARUS	E	LE	(11)
<b>Suckers</b>				
BLUE SUCKER	CYCLEPTUS ELONGATUS	T		1-4,6,7
CREEK CHUBSUCKER	ERIMYZON OBLONGUS	T		1
<b>Catfish</b>				
TOOTHLESS BLINDCAT	TROGLOGLANIS PATTERSONI	T		7
WIDEMOUTH BLINDCAT	SATAN EURYSTOMUS	T		7
<b>Killifishes</b>				
COMANCHE SPRINGS PUFFFISH	CYPRINODON ELEGANS	E	LE	11
CONCHOS PUFFFISH	CYPRINODON EXIMIUS	T		11
LEON SPRINGS PUFFFISH	CYPRINODON BOVINUS	E	LE	11
PECOS PUFFFISH	CYPRINODON PECOSENSIS	T		11
<b>Livebearers</b>				
BIG BEND GAMBUSIA	GAMBUSIA GAIGEI	E	LE	11
BLOTCHED GAMBUSIA	GAMBUSIA SENILIS	T		(7,11)**
CLEAR CREEK GAMBUSIA	GAMBUSIA HETEROCHIR	E	LE	8
PECOS GAMBUSIA	GAMBUSIA NOBILIS	E	LE	11
SAN MARCOS GAMBUSIA	GAMBUSIA GEORGEI	E	LE	(7)*

COMMON NAME	SCIENTIFIC NAME	STATE STATUS	FEDERAL STATUS	ECOREGIONS OF OCCURRENCE
<b>Perches</b>				
BLACKSIDE DARTER	PERCINA MACULATA	T		1
FOUNTAIN DARTER	ETHEOSTOMA FONTICOLA	E	LE	7
RIO GRANDE DARTER	ETHEOSTOMA GRAHAMI	T		7,11
<b>Coastal Fishes</b>				
BLACKFIN GOBY	GOBIONELLUS ATRIPINNIS	T		6,12
OPOSSUM PIPEFISH	MICROPHIS BRACHYURUS	T		12
RIVER GOBY	AWAOUS BANANA	T		4,6,12
<b>***INVERTEBRATES</b>				
<b>Crustaceans</b>				
PECK'S CAVE AMPHIPOD	STYGOBROMUS PECKI	E	LE	7
<b>Insects</b>				
A GROUND BEETLE	RHADINE EXILIS		LE	7
A GROUND BEETLE	RHADINE INFERNALIS		LE	7
AMERICAN BURYING BEETLE	NICROPHORUS AMERICANUS		LE	1
COFFIN CAVE MOLD BEETLE	BATRISODES TEXANUS		LE	7
COMAL SPRINGS DRYOPID BEETLE	STYGOPARNUS COMALENSIS		LE	7
COMAL SPRINGS RIFFLE BEETLE	HETERELMIS COMALENSIS		LE	7
HELOTES MOLD BEETLE	BATRISODES VENYIVI		LE	7
KRETSCHMARR CAVE MOLD BEETLE	TEXAMAUROPUS REDDELLI		LE	7
TOOTH CAVE GROUND BEETLE	RHADINE PERSEPHONE		LE	7
<b>Spiders and Relatives</b>				
BEE CREEK CAVE HARVESTMAN	TEXELLA REDDELLI		LE	7
BONE CAVE HARVESTMAN	TEXELLA REYESI		LE	7
GOVERNMENT CANYON CAVE SPIDER	NEOLEPTONETA MICROPS		LE	7
MADLA'S CAVE SPIDER	CICURINA MADLA		LE	7
ROBBER BARON CAVE HARVESTMAN	TEXELLA COKENDOLPHERI		LE	7
ROBBER BARON CAVE SPIDER	CICURINA BARONIA		LE	7
TOOTH CAVE PSEUDOSCORPION	TARTAROCREAGRIS TEXANA		LE	7
TOOTH CAVE SPIDER	NEOLEPTONETA MYOPICA		LE	7
VENI'S CAVE SPIDER	CICURINA VENII		LE	7
VESPER CAVE SPIDER	CICURINA VESPERA		LE	7
<b>Mollusks</b>				
OUACHITA ROCK-POCKETBOOK MUSSEL	ARKANSIA WHEELERI	E	LE	2
PECOS ASSIMINEA SNAIL	ASSIMINEA PECOS		PE	11
<b>***PLANTS</b>				
<b>Cacti</b>				
BLACK LACE CACTUS	ECHINOCEREUS REICHENBACHII VAR ALBERTII	E	LE	4,6
BUNCHED CORY CACTUS	CORYPHANTHA RAMILLOSA	T	LT	11
CHISOS MOUNTAINS HEDGEHOG CACTUS	ECHINOCEREUS CHISOENSIS VAR CHISOENSIS	T	LT	11
DAVIS' GREEN PITAYA	ECHINOCEREUS VIRIDIFLORUS VAR DAVISII	E	LE	11
LLOYD'S MARIPOSA CACTUS	SCLEROCACTUS MARIPOSENSIS	T	LT	11
NELLIE CORY CACTUS	ESCOBARIA MINIMA	E	LE	11
PIMA PINEAPPLE CACTUS	CORYPHANTHA SCHEERI VAR ROBUSTISPINA		LE	11
SNEED PINCUSHION CACTUS	ESCOBARIA SNEEDII VAR SNEEDII	E	LE	11
STAR CACTUS	ASTROPHYTUM ASTERIAS	E	LE	6
TOBUSCH FISHHOOK CACTUS	SCLEROCACTUS BREVIHAMATUS VAR TOBUSCHII	E	LE	7
<b>Trees, Shrubs, and Sub-shrubs</b>				
HINCKLEY'S OAK	QUERCUS HINCKLEYI	T	LT	11
JOHNSTON'S FRANKENIA	FRANKENIA JOHNSTONII	E	LE	6
TEXAS AYENIA	AYENIA LIMITARIS	E	LE	6
TEXAS SNOWBELLS	STYRAX PLATANIFOLIUS SSP TEXANUS	E	LE	7
WALKER'S MANIOC	MANIHOT WALKERAE	E	LE	6
<b>Wildflowers</b>				
AMERICAN CHAFFSEED	SCHWALBEA AMERICANA		LE	?
ASHY DOGWEEED	THYMOPHYLLA TEPHROLEUCA	E	LE	6
LARGE-FRUITED SAND-VERBENA	ABRONIA MACROCARPA	E	LE	2
PECOS SUNFLOWER	HELIANTHUS PARADOXUS	T	LT	11
SLENDER RUSH-PEA	HOFFMANNSEGGIA TENELLA	E	LE	4,6
SOUTH TEXAS AMBROSIA	AMBROSIA CHEIRANTHIFOLIA	E	LE	4,6
TERLINGUA CREEK CAT'S-EYE	CRYPTANTHA CRASSIPES	E	LE	11
TEXAS POPPY-MALLOW	CALLIRHOE SCABRIUSCULA	E	LE	9
TEXAS PRAIRIE DAWN	HYMENOXYIS TEXANA	E	LE	4
TEXAS TRAILING PHLOX	PHLOX NIVALIS SSP TEXENSIS	E	LE	1
WHITE BLADDERPOD	LESQUERELLA PALLIDA	E	LE	1
ZAPATA BLADDERPOD	LESQUERELLA THAMNOPHILA	E	LE	6
<b>Orchids</b>				
NAVASOTA LADIES'-TRESSES	SPIRANTHES PARKSII	E	LE	1,2
<b>Grasses and Grass-like Plants</b>				
LITTLE AGUJA PONDWEED	POTAMOGETON CLYSTOCARPUS	E	LE	11
TEXAS WILD-RICE	ZIZANIA TEXANA	E	LE	7

KEY: State Status - E=Endangered, T=Threatened  
Federal Status - LE=Listed Endangered, LT=Listed Threatened,  
PE=Proposed Endangered, PT=Proposed Threatened, NL=Not Listed  
PDL=Proposed for Delisting; current listing status still applies  
E/SA, T/SA=Endangered/Threatened by Similarity of Appearance  
C1=Candidate for listing; appears on list ONLY if species state listed

Ecoregion - ( )=Species extirpated from ecoregion within Texas  
\*=Species extinct  
\*\*=Species extinct in the wild (except some experimental populations)  
If a species is listed, all its subspecies have same listing status, by default.  
PWD-LF-W7000-017 (1/03) (previous revisions obsolete)