

Appendix A

Threatened, Endangered, and Rare Species of the Llano Estacado Region

Table 1. Threatened, Endangered, and Rare Species of the Llano Estacado Region

Common Name	Scientific Name	Habitat Preference	Listing USFWS	Listing TPWD
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	Potential migrant; nests in west Texas	DL	E
Artic Peregrine Falcon	<i>Falco peregrinus tundrius</i>	Potential migrant	DL	T
Baird's Sparrow	<i>Ammodramus bairdii</i>	Shortgrass prairie with scattered low bushes and matted vegetation		
Ferruginous Hawk	<i>Buteo regalis</i>	Open country, primarily prairies, plains, and badlands; nests in tall trees along streams or on steep slopes, cliff ledges, river-cut banks, hillsides, power line towers		
Interior Least Tern	<i>Sterna antillarum athalassos</i>	Nests along sand and gravel bars within braided streams and rivers; known to nest on man-made structures as well	LE	E
Lesser Prairie Chicken	<i>Tympanuchus pallidicinctus</i>	Arid grasslands, generally interspersed with shrubs and dwarf trees; nests in a scrape lined with grasses	C1	
Mountain Plover	<i>Charadrius montanus</i>	Breeding: nests on high plains or shortgrass prairie, on ground in shallow depression; non-breeding: shortgrass plains and bare, dirt (plowed) fields; primarily insectivorous		
Snowy Plover	<i>Charadrius alexandrinus</i>	Formerly an uncommon breeder in the Panhandle; potential migrant		
Western Burrowing Owl	<i>Athene cunicularia hypugaea</i>	Open grasslands, especially prairie, plains, and savanna, sometimes in open areas such as vacant lots near human habitation or airports; nests and roosts in abandoned burrows		
Whooping Crane	<i>Grus americana</i>	Potential migrant	LE	E
Sharnose Shiner	<i>Notropis oxyrhynchus</i>	Endemic to Brazos River drainage; also apparently introduced into adjacent Colorado River drainage; large turbid river, with bottom combination of sand, gravel, and clay-mud.	C1	
Smalleye Shiner	<i>Notropis buccula</i>	Endemic to upper Brazos River system and its tributaries; apparently introduced into adjacent Colorado River drainage; medium to large prairie streams with sandy substrate and turbid to clear warm water; presumable eats small aquatic invertebrates.	C1	
Black Bear	<i>Ursus americanus</i>	Within historical range of Louisiana Black Bear in eastern Texas, Black Bear is federally listed threatened and inhabits bottomland hardwoods and large tracts of undeveloped forested areas; in remainder of Texas, Black Bear is not federally listed and inhabits desert lowlands and high elevation forests and woodlands; dens in tree hollows, rock piles, cliff overhangs, caves or brush piles.	T/SA; NL	T
Black-footed Ferret	<i>Mustela nigripes</i>	Considered extirpated in Texas; potential inhabitant of any prairie dog towns in the general area	LE	E
Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>	Dry, flat, short grasslands with low, relatively sparse vegetation, including areas overgrazed by cattle; live in large family groups		

Table 1 continued

Common Name	Scientific Name	Habitat Preference	Listing USFWS	Listing TPWD
Cave Myotis Bat	<i>Myotis velifer</i>	Colonial and cave-dwelling; also roosts in rock crevices, old buildings, carports, under bridges, and even in abandoned Cliff Swallow (<i>Hirundo pyrrhonota</i>) nests; roosts in clusters of up to thousands of individuals; hibernates in limestone caves of Edwards Plateau and gypsum cave of Panhandle during winter; opportunistic insectivore		
Jones' Pocket Gopher	<i>Geomys knoxjonesi</i>	Southwestern plains of Texas; deep sandy soils of aeolian origin; small isolated population vulnerable to land use changes		
Palo Duro Mouse	<i>Peromyscus truei comanche</i>	Rocky, juniper-mesquite-covered slopes of steep-walled canyons of the eastern edge of the Llano Estacado; juniper woodlands in canyon country of the panhandle; primarily nocturnal		T
Plains Spotted Skunk	<i>Spilogale putorius interrupta</i>	Open fields, prairies, croplands, fence rows, farmyards, forest edges, and woodlands; prefers wooded, brushy areas and tallgrass prairie		
Swift Fox	<i>Vulpes velox</i>	Restricted to current and historical shortgrass prairie; western and northern portions of Panhandle		
Texas Garter Snake	<i>Thamnophis sirtalis annectens</i>	Wet or moist microhabitats are conducive to the species occurrence, but is not necessarily restricted to them; hibernates underground or in or under surface cover; breeds March-August		
Texas Horned Lizard	<i>Phrynosoma cornutum</i>	Open, arid and semi-arid regions with sparse vegetation, including grass, cactus, scattered brush or scrubby trees; soil may vary in texture from sand to rocky; burrows in soil, enters rodent burrows, or hides under rocks when inactive; breeds March-September		T
Texas Kangaroo Rat	<i>Dipodomys elator</i>	Mesquite not required, but mostly in association with scattered mesquite shrubs and sparse, short grasses in areas underlain by firm clay soils; along fencerows adjacent to cultivated fields/roads; burrowing into soil with openings usually at base of mesquite or shrub; dirt pushed into openings to give burrow a closed appearance; active throughout year; nocturnal; feeds on grass, seeds, insects, and annual and perennial forbs; metabolizes water from foods, but will drink water when available; young born in underground nest chamber		T
Mexican mud-plantain	<i>Heteranthera mexicana</i>	Aquatic; ditches and ponds; flowering June-August		
<p>LE, LT - Federally Listed Endangered/Threatened PE, PT - Federally Proposed Endangered/Threatened E/SA, T/SA - Federally Endangered/Threatened by Similarity of Appearance C1 - Federal Candidate, Category 1; information supports proposing to list as endangered/threatened DL, PDL - Federally Delisted/Proposed for Delisting E, T - State Endangered/Threatened "blank" - Rare, but with no regulatory listing status</p>				
<p>Species appearing on these lists do not all share the same probability of occurrence. Some species are migrants or wintering residents only, or may be historic or considered extirpated.</p>				
<p>Source: Texas Biological and Conservation Data System. Texas Parks and Wildlife Department, Endangered Resources Branch. County lists of Texas' Special Species. 8/24/04.</p>				