

Appendix C: Potentially Occurring Special-Status Species in the Lemoore Planning Area

<i>Scientific Name</i> Common Name	Listing Status Federal/State /CNPS	General Habitat	Potential for Occurrence
<b>Plants</b>			
<i>Atriplex depressa</i> Brittlescale	--/--/IB	Alkali scrub, meadows and seeps, playas, valley and foothill grassland, and vernal pools with alkaline and clay soils up to 1,100 feet in elevation. Blooms May-Oct.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Lepidium jaredii</i> spp. Album Panoche pepper-grass	--/--/IB	Grassland in alluvial fans, washes. Blooms February to June.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Delphinium recurvatum</i> Recurved larkspur	--/--/IB	Chenopod scrub, cismontane woodland, and in alkaline substrate in valley and foothill grassland up to 2,500 feet in elevation. Blooms Mar-May.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<b>Animals</b>			
<b>Fish</b>			
<i>Hypomesus transpacificus</i> Delta smelt	FT/ST/--	Delta estuaries with dense aquatic vegetation and low occurrence of predators. May be affected by downstream sedimentation.	Unlikely. The Project Area is outside of the species range; however, impacts to water quality may affect downstream populations of this species.
<b>Invertebrates</b>			
<i>Cicindela tranquebarica</i> n. ssp San Joaquin tiger beetle	--/--/--	Usually found in clay or sandy soils, including sand dunes, prairies, alkali flats, gravel pits, eroded slopes, beaches, and roads.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Desmocerus californicus dimorphus</i> Valley elderberry longhorn beetle	FT/--/--	Breeds and forages exclusively on blue elderberry shrubs ( <i>Sambucus mexicana</i> ) below 3,000 feet in elevation.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<b>Amphibians</b>			
<i>Rana aurora draytonii</i> California red-legged frog	FT/CSC/--	Breeds in slow moving streams, ponds, and marshes with emergent vegetation; forages in nearby uplands within about 200 feet.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Spea</i> (=Scaphiopus) <i>hammondii</i> Western spadefoot toad	--/CSC/--	Occurs seasonally in grasslands, prairies, chaparral, and woodlands, in and around wet sites. Breeds in shallow, temporary pools formed by winter rains. Takes refuge in burrows.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<b>Reptiles</b>			

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<i>Emys (=Clemmys)</i> <i>marmorata</i> Western pond turtle	--/CSC/--	Ponds, marshes, rivers, streams, and irrigation ditches with aquatic vegetation. Requires basking sites and suitable upland habitat for egg-laying. Nest sites most often characterized as having gentle slopes (<15%) with little vegetation or sandy banks.	High. The Project Area contains potentially suitable habitat and is within the range of this species. This species was documented to occur in the western wetland complex.
<i>Gambelia (=Crotaphytus) sila</i> Blunt-nosed leopard lizard	FE/SE/--	Occurs in open, valley and foothill grasslands, valley saltbush scrub, and alkali playa communities of the San Joaquin Valley, Carrizo Plain, and Cuyama Valley. Uses small mammal burrows for refuge.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Thamnophis gigas</i> Giant garter snake	FT/ST/--	Generally inhabits marshes, sloughs, ponds, slow-moving streams, ditches, and rice fields which have water from early spring through mid-fall, emergent vegetation (such as cattails and bulrushes), open areas for sunning, and high ground for hibernation and escape cover.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species
<b>Birds</b>			
<i>Agelaius tricolor</i> Tricolored blackbird (nesting colony)	--/CSC/--	Largely endemic to California, most numerous in the Central Valley and nearby vicinity. Requires open water, protected nesting substrate, and foraging grounds within vicinity of the nesting colony. Nests in dense thickets of cattails, tules, willow, blackberry, wild rose, and other tall herbs near fresh water. Also nests in crops such as silage.	High. The Project Area contains potentially suitable habitat and is within the range of this species. Previous occurrence in wetland complex noted (Urban Futures 1997).
<i>Athene cucularia</i> Burrowing owl (burrow sites)	--/CSC/--	Forages in open plains, grasslands, and prairies; typically nests in abandoned small mammal burrows.	High. The Project Area contains potentially suitable habitat and is within the range of this species. A large population occurs at the Lemoore NAS.
<i>Buteo swainsoni</i> Swainson's hawk (nesting)	--/ST/--	Forages in open plains, grasslands, and prairies; typically nests in trees or large shrubs.	High. CNDDDB contains a record of this species within the Project Area.
<i>Buteo regalis</i> Ferruginous hawk (wintering)	--/CSC/--	Wintering grounds consist of open grasslands.	High. The Project Area contains potentially suitable habitat and is within the range of this species. A previous occurrence of this species was noted in the Planning Area (Urban Futures 1997).

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<i>Circus cyaneus</i> Northern harrier	--/CSC/--	Nests in wet meadows and tall grasslands, forages in grasslands and marshes.	High. The Project Area contains potentially suitable habitat and is within the range of this species. A previous occurrence of this species was noted in the wetland complex (Urban Futures 1997)
<i>Elanus leucurus</i> White-tailed (=black shouldered) kite (nesting)	FSC/CFP/--	Forages in open plains, grasslands, and prairies; typically nests in trees.	High. The Project Area contains potentially suitable habitat and is within the range of this species. A previous occurrence of this species was noted in the wetland complex (Urban Futures 1997)
<i>Grus canadensis tabida</i> Greater sandhill crane (nesting & wintering)	--/ST,CFP/--	Winters in the Central Valley within annual and perennial grasslands, croplands, and freshwater emergent wetlands.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Charadrius alexandrinus nivosus</i> Western snowy plover	FT/CSC/--	Sandy beaches on marine and estuarine shores - requires sandy, gravelly, or friable soils for nesting.	Low. The Project Area contains little if any potentially suitable habitat for this species.
<i>Nycticorax nycticorax</i> Black-crowned night heron	--/--/--	Forage in open water habitats (fresh, brackish, and salt) and occasionally in agricultural areas. Nest in trees, riparian or otherwise or in marshes.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<b>Mammals</b>			
<i>Dipodomys nitratooides nitratooides</i> Tipton kangaroo rat	FE/SE/--	Prefers woody shrubs and a ground cover dominated by introduced and native grasses and forbs. Burrows are commonly located in slightly elevated mounds, road berms, canal embankments, railroad beds, and bases of shrubs and fences. Soft soils, such as fine sands and sandy loams, and powdery soils of finer texture and of higher salinity.	High. CNDDB contains a record of this species within the Project Area. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Dipodomys nitratooides exilis</i> Fresno kangaroo rat	FE/SE/--	Subspecies of San Joaquin kangaroo rat. In sandy and saline sandy soils in annual valley grassland, chenopod scrub, alkali sink communities. Needs open/sparse vegetation, loose soils.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.
<i>Lasiurus cinereus</i> Hoary bat	--/CSC/--	Roosts primarily in crevices within cliffs and canyons, occasionally in buildings. Primarily feeds on moths. Maternity colonies active May through July.	Medium. The Project Area contains potentially suitable habitat and is within the range of this species.

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<i>Vulpes macrotis mutica</i> San Joaquin kit fox	FE/ST/--	Occurs in native valley and foothill grasslands and chenopod scrub communities of the valley floor and surrounding foothills. Prefers open level areas with loose-textured soils supporting scattered, shrubby vegetation and little human disturbance.	High. CNDDDB contains a record of this species within the Project Area.

Notes:

1. Status Codes:

Federal: (U.S. Fish and Wildlife Service)

FC = Candidate for Federal Listing

FD = Federal Delisted

FE = Listed as Endangered by the Federal Government

FPD = Federal Proposed for Delisting

FPT = Proposed for Listing as Threatened

FSC = Federal Species of Special Concern

FT = Listed as Threatened by the Federal Government

SLC = Species of Local Concern

-- = No listing

State: (California Department of Fish and Game)

SE = Listed as Endangered by the State of California

CFP = California Fully Protected

SR = Listed as Rare by the State of California (plants only)

CSC = California Species of Special Concern

ST = Listed as Threatened by the State of California

-- = No listing

CNPS: (California Native Plant Society)

List 1A = Presumed extinct in California

List 1B = Plants rare, threatened, or endangered in California and elsewhere

List 2 = Plants rare, threatened, or endangered in California but more common elsewhere

-- = No listing

2. The "Potential for Occurrence" category is defined as follows:

Unlikely: The Project site and/or immediate area do not support suitable habitat for a particular species or the Project site is outside of the species' known range.

Low Potential: The Project site and/or immediate area only provide limited habitat for a particular species. In addition, the known range for a particular species may be outside of the Plan Area.

Medium Potential: The Project site and/or adjacent areas that could be affected by the Project provide suitable habitat for a particular species, but the species has not been documented in the Plan Area.

High Potential: The Project site and/or immediate area provide ideal habitat conditions for a particular species, and/or the species has been documented in the Plan Area.

Source: U.S. Fish and Wildlife Service 2007, California Natural Diversity Data Base 2007, and California Native Plant Society 2007. Dyett and Bhatia 2007.