

EXHIBIT K - OTHER COVERED SPECIES

Plant species listed here are species that either have special status, or could potentially receive special status. They have ranges which overlap with the Kern Water Bank project site, or are found in the surrounding region. Included are species that could colonize or be introduced into the created marsh and/or existing grassland and scrub habitats.

Scientific Name	Common Name and Habitat Associations *	Impacts of Project
<b>Plants.</b> Potentially sensitive plant species which could colonize or be introduced to Kern Water Bank during the life of the permit. List is composed of species found in grassland and/or wetland habitat types in Kern County.		
<b>Wetland species</b> that could colonize created marsh habitats on Kern Water Bank		
<i>Azolla mexicana</i>	Mexican Mosquito Fern Marshes and swamps CNPS List 4, RED 1-2-1	Negligible or Beneficial. Deliberate introductions would be restricted to managed wetlands.  If any of these species expand to non-managed ponds, some loss could occur through routine maintenance activities or through the cessation of deliberate flooding.
<i>Lasthenia glabrata ssp. coulteri</i>	Coulter's goldfields Marshes and swamps CNPS List 1B, RED 2-3-2	
<i>Mimulus microphyllus</i>	Small-leaved Monkeyflower Meadows CNPS List 4, RED 1-1-3	
<i>Myosurus minimus ssp. apus</i>	Little Mousetail Vernal pools CNPS List 3, RED 2-3-2	
<i>Psilocarphus tenellus var. globiferus</i>	Round Woolly-marbles Coastal dunes, Vernal pools CNPS List 4, RED 1-2-1	
<i>Psoralea arborescens var. arborescens</i>	Mojave Indigo-bush Riparian scrub CNPS List 4, RED 1-1-1	
<i>Sagittaria sanfordii</i>	Sanford's Arrowhead Marshes and Swamps CNPS List 1B, RED 2-2-3	

Scientific Name	Common Name and Habitat Associations *	Impacts of Project
<b>Grassland and scrubland plants</b> that could colonize upland habitats on Kern Water Bank		
<i>Atriplex coronata</i> var. <i>coronata</i>	Crownscale Chenopod scrub, Valley and foothill grassland, Vernal pools CNPS List 4, RED 1-2-3	Negligible or Beneficial. Deliberate introductions of any of these species would occur in permanent habitat preserves only.
<i>Atriplex depressa</i>	Brittlescale Chenopod scrub, Valley and foothill grassland, Vernal pools CNPS List 1B, RED 2-2-3	
<i>Clarkia tembloriensis</i> ssp. <i>calientensis</i>	Vasek's Clarkia Valley and foothill grassland CNPS List 1B, RED 3-3-3	Negligible or Beneficial. Deliberate introductions of any of these species would occur in permanent habitat preserves only.
<i>Convolvulus simulans</i>	Small-flowered Morning-glory Valley and foothill grassland CNPS List 4, RED 1-2-2	
<i>Eriogonum gossypinum</i>	Cottony Buckwheat Chenopod scrub, Valley and foothill grassland CNPS List 4, RED 1-2-3	
<i>Eriogonum temblorense</i>	Temblor Buckwheat Valley and foothill grassland CNPS List 4, RED 1-1-3	
<i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i>	Tejon Poppy Valley and foothill grassland, other CNPS 1B, RED 3-3-3	
<i>Fritillaria agrestis</i>	Stinkbells Valley and foothill grassland, other CNPS List 4, RED 1-2-3	

Scientific Name	Common Name and Habitat Associations *	Impacts of Project
<i>Fritallaria striata</i>	Striped Adobe-lily Valley and foothill grassland, other State CT, Fed PT, CNPS List 1B, RED 3-3-3 Valley and foothill grassland, other	Negligible or beneficial. Deliberate introductions of any of these species would occur in permanent habitat preserves only
<i>Goodmania luteola</i>	Golden goodmania Valley and foothill grassland, other CNPS List 4, RED 1-2-2	
<i>Lasthenia leptalea</i>	Salinas Valley Goldfields Valley and foothill grassland, other CNPS List 4, RED 1-1-3	

Scientific Name	Common Name and Habitat Associations *	Impacts of Project
<i>Layia heterotricha</i>	Pale-yellow Layia Valley and foothill grassland, other CNPS List 1B, RED 3-3-3	Negligible or Beneficial. Deliberate introductions of any of these species would occur in permanent habitat preserves only.
<i>Layia munzii</i>	Munz's Tidy-tips Chenopod scrub, Valley and foothill grassland CEQA, CNPS List 1B, RED 2-2-3	
<i>Lepidium jaredii ssp. jaredii</i>	Jared's Pepper Grass Valley and foothill grassland CNPS List 1B, RED 3-2-3	
<i>Linanthus grandiflorus</i>	Large-flower Linanthus Valley and foothill grassland CNPS List 4, RED 1-2-3	
<i>Madia radiata</i>	Showy Madia Valley and foothill grassland, other CNPS List 1B, RED 2-3-3	
<i>Mucronea californica</i>	California spineflower Valley and foothill grassland, other CNPS List 4, RED 1-2-3	
<i>Nemacladus gracilis</i>	Slender nemacladus Valley and foothill grassland, other CNPS List 4, RED 1-1-3	
<i>Perideridia gairdneri ssp. gairdneri</i>	Gairdner's Yampah Valley and foothill grassland, Vernal pools CNPS List 4, RED 1-2-3	

Scientific Name	Common Name and Habitat Associations *	Impacts of Project
<i>Stylocline citroleum</i>	Oil Neststraw Chenopod scrub, other CNPS List 1B, RED 3-3-3	Negligible or Beneficial. Deliberate introductions of any of these species would occur in permanent habitat preserves only.
<i>Stylocline masonni</i>	Mason's Neststraw Chenopod scrub, other CNPS List 1B, RED 3-3-3	
<i>Trichostoma ovatum</i>	San Joaquin Bluecurls Valley and Foothill Grassland CNPS List 4, RED 1-2-3	

## ABBREVIATIONS

State CT: State-listed threatened  
Fed PT: Federally-proposed, threatened

CEQA: Indicates CEQA consideration is mandatory

CNPS List 1B: Plants Rare, Threatened or Endangered in California and Elsewhere.  
List 4: Plants of Limited Distribution- a Watch List.

## CNPS R-E-D Code (Rarity, Endangerment, Distribution)

### Rarity

- 1 Rare, but found in sufficient numbers and distributed widely enough that the potential for extinction is low at this time.
- 2 Distributed in a limited number of occurrences, occasionally more if each occurrence is small.
- 3 Distributed in one to several highly restricted occurrences, or present in such small numbers that it is seldom reported.

### Endangerment

- 1 Not endangered
- 2 Endangered in a portion of its range
- 3 Endangered throughout its range

### Distribution

- 1 More or less widespread outside California
- 2 Rare outside California
- 3 Endemic to California

**Source:** California Native Plant Society's Inventory of Rare and Endangered Vascular Plants of California. February 1994. Special Publication No. 1. Fifth edition. Published by The California Native Plant Society, Sacramento, CA.

## REFERENCES:

California Natural Diversity Database (CNDDB). Species elements for Kern County. California Department of Fish and Game

Animal species listed here are species that either have special status, or could potentially receive special status. They have ranges which overlap with the Kern Water Bank project site, or are found in the surrounding region. Included are species that could move in to use the created marsh habitats, as well as species that could be found in the existing grassland and shrubland habitats. This table does not list all potential species that could utilize the Kern Water Bank.

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
<b>Mammals.</b> Though these species' distribution is currently distant from the Kern Water Bank, during the lifetime of the permit they may expand or be introduced into the water bank as a result of habitat improvements.		
<i>Lutra canadensis</i>	River Otter large rivers, lakes and estuaries	Negligible. Species may colonize or be introduced into the Kern River in future. The Kern Water Bank lands may provide potential habitat for river otters.
<i>Castor canadensis subaruratus</i>	Golden Beaver rivers, streams, lakes, ponds	
<b>Mammals.</b> Species whose current distribution overlaps with, or is near, the Kern Water Bank.		
<i>Bassariscus astutus</i>	Ringtail riparian forest CSC	Negligible. Suitable habitat for ringtails along the Kern River will be preserved.
<i>Felis concolor</i>	Mountain Lion all CPS	Negligible. The project will not reduce available habitat for Mountain lions.
<i>Felis rufus</i>	Bobcat riparian forest, brush and scrublands	Negligible. The project will not reduce available habitat for Bobcats.
<i>Cervus elaphus nannodes</i>	Tule Elk brush and scrublands, grassland	Negligible. Species may colonize or be introduced into the Kern Water Bank lands in the future. Species reside on adjacent preserved areas.
<i>Antilocapra americana</i>	Pronghorn brush and scrublands, grassland	
<i>Mustela frenata xanthogenys</i>	Yellow-cheeked Weasel grassland	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
<i>Mustela frenata pulchra</i>	Buttonwillow Weasel arid grassland, savannah	Negligible. No records of these species on Kern Water Bank lands, but they could colonize preserved upland habitat areas.
<i>Myotis yumanensis oxalis</i>	San Joaquin Myotis all	
<i>Euderma maculatum</i>	Spotted Bat arid grassland, coniferous forest CSC	
<i>Antrozous pallidus</i>	Pallid Bat all CSC	
<i>Perognathus inornatus inornatus</i>	San Joaquin Pocket Mouse grasslands	
<i>Perognathus inornatus neglectus</i>	McKittrick Pocket Mouse grasslands, desert shrub	Negligible. No records of these species on Kern Water Bank lands, but they could colonize preserved upland habitat areas.
<i>Onychomys torridus tularensis</i>	Tulare Grasshopper Mouse grassland desert-shrub CSC	
<i>Thomomys bottae ingens</i>	Buena Vista Lake Pocket Gopher grassland, desert shrub	
<i>Dipodomys nitratoides brevinasus</i>	Short-nosed Kangaroo Rat grassland, desert shrub CSC	
<i>Dipodomys heermanni tularensis</i>	Tulare Kangaroo Rat grassland, desert-shrub	
<i>Dipodomys heermanni swarthi</i>	Carrizo Plain Kangaroo Rat grassland, desert-shrub	



Scientific Name	Common Name/Habitat/ Status	Impacts of Project
<b>Birds — Raptors.</b> Avian raptor species which may utilize Kern Water Bank ponds or preserved uplands as foraging and/ or nesting habitat..		
<i>Aquila chrysaetos</i>	Golden Eagle grasslands, shrublands CSC	Beneficial or Negligible. Species may utilize created ponds and/or preserved upland habitat. Pond refilling and vegetation removal will be prohibited in any areas where birds are nesting.
<i>Haliaeetus leucocephalus</i>	Bald Eagle large lakes and rivers FT, SE	
<i>Accipiter gentilis</i>	Northern Goshawk coniferous and riparian forest CSC	
<i>Accipiter striatus</i>	Sharp-shinned Hawk riparian forest CSC	
<i>Accipiter cooperii</i>	Cooper's Hawk riparian forest CSC	
<i>Buteo lineatus</i>	Red-shouldered Hawk riparian forest	
<i>Falco columbarius</i>	Merlin grasslands, marshes CSC	
<i>Falco mexicanus</i>	Prairie Falcon grasslands, scrublands CSC	
<i>Circus cyaneus</i>	Northern Harrier marshes CSC	
<i>Asio otis</i>	Long-eared Owl riparian forest CSC	
<i>Asio flammeus</i>	Short-eared Owl grasslands, marshes	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
	CSC	Beneficial or Negligible. Species may utilize created ponds and/or preserved upland habitat. Pond refilling and vegetation removal will be prohibited in any areas where birds are nesting.
<i>Tyto alba</i>	Common Barn Owl grassland, shrubland, riparian forest	
<i>Pandion haliaetus</i>	Osprey Large lakes and rivers CSC	
<i>Gymnogyps californianus</i>	California Condor grassland, savannah, desert scrub FE, SE	Negligible. Kern Water Bank lands are within historic range, and species could utilize preserved upland habitat as a result of reintroduction efforts.
<b>Birds -- Songbirds and other terrestrial birds.</b> Species which may utilize riparian and adjacent habitats within the Kern Water Bank.		
<i>Progne subis</i>	Purple Martin montane and riparian forest CSC	Beneficial or Negligible. Species may utilize preserved upland habitat areas and/ or created ponds.
<i>Riparia riparia</i>	Bank Swallow riparian, coastal cliffs ST	
<i>Cypseloides niger</i>	Black Swift Rugged coastlines and canyons CSC	
<i>Chordeiles minor</i>	Common Nighthawk montane and coastal grasslands and freshwater wetlands	
<i>Chordeiles acutipennis</i>	Lesser Nighthawk desert scrub, desert riparian, grasslands	
<i>Picoides villosus</i>	Hairy Woodpecker coniferous and riparian forests	
<i>Melanerpes lewis</i>	Lewis's Woodpecker	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
	oak savannah, coniferous forest	
<i>Guiraca caerulea</i>	Blue Grosbeak riparian forest, grassland	
<i>Dendroica petechia brewsteri</i>	Yellow Warbler riparian, shrublands CSC	
<i>Piranga rubra</i>	Summer Tanager desert riparian woodland CSC	
<i>Icteria virens</i>	Yellow-breasted Chat riparian forest CSC	
<i>Vireo bellii pusillum</i>	Least Bell's Vireo desert riparian woodland FE, SE	Beneficial or Negligible. Species may utilize preserved upland habitat areas and/ or created ponds.
<i>Coccyzus americanus occidentalis</i>	Western Yellow-billed Cuckoo riparian forest SE	
<i>Empidonax traillii</i>	Southwestern Willow flycatcher montane riparian forest SE, FE	
<b>Birds - Waterfowl.</b> Migratory birds who could potentially use Kern Water Bank as winter refuge habitat.		
<i>Phalacrocorax auritus</i>	Double-crested Cormorant estuaries, lakes, large rivers CSC	Beneficial. Ponds will create
<i>Gavia immer</i>	Common Loon large lakes and estuaries CSC	
<i>Aechmophorus occidentalis</i>	Western Grebe estuaries, lakes	
<i>Aechmophorus clarkii</i>	Clark's Grebe estuaries, Lakes	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
		winter refuge habitat for these species.
<i>Aythya valisineria</i>	Canvasback estuaries, lakes, marshes	
<i>Numenius americanus</i>	Long-billed Curlew marshes CSC	
<b>Birds - Waterfowl.</b> Potentially resident waterfowl who require trees for nesting.		
<i>Casmerodius albus</i>	Great Egret grasslands, marshes	Beneficial. Ponds will create foraging habitat for these species.
<i>Ardea herodias</i>	Great Blue Heron grasslands, marshes	
<i>Butorides striatus</i>	Green-backed Heron riparian forest, marshes	
<i>Aix sponsa</i>	Wood duck riparian forest	
<b>Birds - Waterfowl.</b> Potential resident waterfowl which could nest on shorelines, islands, or in reeds within Kern Water Bank lands		
<i>Egretta thula</i>	Snowy Egret marshes	Beneficial. Ponds will create foraging and nesting habitat for these species. Pond refilling and vegetation removal will be prohibited in any areas where birds are nesting.
<i>Pelecanus erythrorhynchos</i>	American White Pelican large lakes, salt ponds CSC	
<i>Ixobrychus exilis</i>	Least Bittern marshes CSC	Beneficial. Ponds will create foraging and nesting habitat for these species. Pond refilling and vegetation removal will be prohibited in any areas where birds are nesting.
<i>Nycticorax nycticorax</i>	Black Crowned Night Heron marshes	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
<i>Botaurus lentiginosus</i>	American Bittern marshes	
<i>Dendrocygna bicolor</i>	Fulvous Whistling-duck freshwater marshes CSC	
<i>Rallus limicola</i>	Virginia Rail marshes	
<i>Porzana carolina</i>	Sora Rail marshes	
<i>Chlidonias niger</i>	Black Tern estuaries, marshes CSC	
<i>Sterna caspia</i>	Caspian Tern estuaries, marshes	
<p><b>Amphibians.</b> Species whose historic range may have included the Kern Water Bank, but where existing populations are distant from the Kern Water Bank. These species may expand or be introduced to the Water Bank during the life of the permit as a result of the long-term management of wetland habitat.</p>		
<i>Ambystoma tigrinum</i>	California Tiger Salamander Ponds, grasslands CSC	Negligible or Beneficial. Deliberate introduction would be confined to permanently managed wetlands established under cooperative agreement with CDFG, USFWS, and KWBA.
<i>Batrachoseps simatus</i>	Kern Canyon Slender Salamander woodlands, chapparal ST	
<i>Batrachoseps stebbinsi</i>	Tehachipi Slender Salamander coniferous and riparian forest ST	
<i>Batrachoseps pacificus relictus</i>	Relictual Slender Salamander woodlands CSC	
<i>Rana aurora draytonii</i>	California Red-legged Frog ponds, streams	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
	FT	
<p><b>Reptiles.</b> Species whose historic range may included the Kern Water Bank, but where existing populations are distant from the Kern Water Bank. These species may expand or be introduced to the Water Bank during the life of the permit as a result of the long-term management of upland habitat.</p>		
<i>Anniella pulchra</i>	California Legless Lizard valley-foothill chaparral, other CSC	<p>Negligible or Beneficial. Deliberate introduction would be confined to permanently managed uplands established under cooperative agreement with CDFG, USFWS, and KWBA</p>
<i>Phrynosoma coronatum frontale</i>	California Horned Lizard coniferous and riparian forests, other CSC	
<i>Charina bottae umbratica</i>	Southern Rubber Boa montane forests, chaparral ST	
<i>Masticophis flagellum ruddocki</i>	San Joaquin Coachwhip grassland, desert, scrub CSC	
<i>Arizona elegans</i>	California Glossy Snake desert, chaparral, other	
<i>Tantilla hobartsmithi</i>	Southwestern black-headed Snake grassland, chaparral, other	
<i>Coluber constrictor mormon</i>	Western Yellow-bellied Racer grassland, other	
<i>Salvadora hexalepis</i>	Western Patch-nosed Snake chaparral, desert scrub CSC	
<b>Fish</b>		
<i>Lampetra hubbsi</i>	Kern Brook Lamprey CSC	<p>Negligible. Kern Water Bank will not remove or provide suitable habitat for these species.</p>
<i>Oncorhynchus mykiss gairdneri</i>	Kern River Rainbow Trout CSC	

Scientific Name	Common Name/Habitat/ Status	Impacts of Project
<b><i>Invertebrates.</i></b> Terrestrial insects of special concern which are known to occur in Kern County, but which are not currently known from the Kern Water Bank		
<i>Lytta moesta</i>	Moestan Blister Beetle meadows	Negligible or Beneficial. These insects may benefit from upland habitat enhancement at Kern Water Bank.
<i>Lytta morrisoni</i>	Morrison's Blister Beetle meadows	
<i>Lytta hoppingi</i>	Hopping's Blister Beetle meadows	
<i>Danaus plexippus</i>	Monarch Butterfly cismontane meadows	
<i>Helminthoglypta callistoderma</i>	Kern Shoulderband riparian	Negligible or Beneficial. These insects may benefit from upland habitat enhancement at Kern Water Bank.

**Abbreviations**

FE: Federally Endangered  
 FT: Federally Threatened  
 SE: State Endangered  
 ST: State Threatened  
 CSC: California Species of Special Concern  
 CPS: California Protected Species

**References:**

California Natural Diversity Database (CNDDDB). Species elements for Kern County. California Department of Fish and Game

Mammals Species of Special Concern in California. State of California, The Resources Agency, Department of Fish and Game.,

Amphibians and Reptiles Species of Special Concern in California. 1994. California Department of Fish and Game, Inland Fisheries Division.

California's Wildlife: Volumes I, II, and III. 1990. State of California, The Resources Agency, Department of Fish and Game, Sacramento, California.

Kern County Audubon Society List of Sensitive Birds and Mammals, in Metropolitan Bakersfield Habitat Conservation Plan, Appendix A. July 1991, prepared by Thomas Reid Associates.

Endangered and Sensitive Species of the San Joaquin Valley, California, Their Biology, Management, and Conservation. 1992. Published by California Energy Commission © The Wildlife Society, Western Section.