

**APPENDIX D**

**NATIVE PLANT AND ANIMAL SPECIES IN IMPERIAL COUNTY**



**APPENDIX D**  
**REPRESENTATIVE NATIVE PLANT AND**  
**ANIMAL SPECIES IN IMPERIAL COUNTY**

The following is a listing of native plant and animal species that occur in Imperial County. It is intended to be a representative, but not exhaustive, list of the organisms in the planning area. Those species with ranges inclusive of the planning area and designated as "Rare" or "Endangered" by the California Department of Fish and Game (CDFG) are noted by a double asterisk. Also, plants designated as sensitive by the California Native Plant Society, and animals designated as "Threatened" or "Species of Special Concern" by CDFG are marked with a single asterisk.

**Plants**

- Ajamete, *Asclepias subulata*
- \*\* Algodones Dunes Sunflower, *Helianthus niveus* ssp. *tephrodes*
- Alkali Blite, *Suaeda frutescens*
- Alkali Bulrush, *Scirpus robustus* and *Scirpus pauciflorus*
- Alkali Goldenbush, *Haplopappus acradensis*
- Alkali Heliotrope, *Heliotropium curassavicum* var. *oculatum*
- Alkali Sacaton, *Sporobolus airoides*
- Annual Ryegrass, *Lolium* sp.
- Arrowleaf, *Pleuroconis plurisetus*
- Arrow-weed, *Pluchea sericea*
- Aster, *Aster spinosus*
- Athel, *Tamarix aphylla*
- Atriplex, *Atriplex canescens linearis*
- Atriplex, *Atriplex elegans fasciculata*
- Australian Saltbrush, *Atriplex semibaccata*
- \* Baja California Ipomopsis, *Ipomopsis effusa*
- Barley, *Hordeum vulgare*
- Beavertail Cactus, *Opuntia basilaris*
- Bristle lobed Sand-Mat, *Euphorbia setiloba*
- Brittle-bush, Incienso, *Encelia farinosa*
- Burhead, *Echinodorus cordifolius*
- Burrobush, *Ambrosia dumosa*
- Burro-weed, *Franseria dumosa*
- \* California Ayenia, *Ayenia compacta*
- Catchfly Gentian, *Eustomia exaltatum*
- Cat's Claw Acacia, *Acacia greggii*
- Cat-tail, *Typha domingensis*
- Cheese Bush, *Hymenoclea salsola*
- Common Reed, *Phragmites australis*
- Common Reed, *Phragmites communis*
- Common Sunflower, *Helianthus annuus*

- Composite, *Haplopappus acradenius eremophilus*  
 Corkseed Cactus, *Mammillaria tetrancistra*  
 Creosote Bush, *Larrea divaricata*  
 \* Crown-of-Thorns, *Koerberlinia spinosa*  
 \* Crucifixion Thorns, *Holocantha emoryi*  
 Cury Dock, *Rumex crispus*  
 Deerhorn Cactus, *Opuntia acanthocarpa*  
 Desert Barrel Cactus, *Perocactus acanthodes*  
 Desert Cassia, *Cassia armata*  
 Desert Fir Pigmy Cedar, *Peucephyllum schottii*  
 Desert Holly, *Atriplex hymenelytra*  
 Desert-Hollyhock, *Sphaeralcea ambigua*  
 Desert Ironwood, *Olneya tesota*  
 Desert Lavender, *Hyptis emoryi*  
 Desert Lupine, *Lupinus odoratus*  
 Desert Poinsettia, *Euphorbia eriantha*  
 Desert Saltgrass, *Distichlis stricta*  
 Desert Thorn, *Lycium brevipes*  
 Desert Trumpet, *Eriogonum inflatum*  
 Desert Unicorn Plant, *Proboscidea althaeifolia*  
 Desert-Willow, *Chilopsis linearia*  
 Dock, *Rumex violascens*  
 \* Elephant Tree, *Bursera microphylla*  
 Emory Dalea, *Parosela emori*  
 Encelia, *Encelia farinosa*  
 Fagonia, *Fagonia laevis*  
 \* Fairyduster, *Calliandra eriophylla*  
 False Daisy, *Elipta alba*  
 \* Flat-seeded Spurge, *Euphorbia platyspermum*  
 \* Foxtail Cactus, *Coryphantha vivipara* var. *alversonii*  
 Fremont Thornbush, *Lycium fremontii*  
 \* Giant Spanish Needle, *Palafoxia arida* var. *gigantea*  
 Goosefoot, *Chenopodium* sp.  
 Hairy-leaved Sunflower, *Helianthus canus*  
 Hairy Sand Verbena, *Abronia villosa*  
 Holly-leaved Burbush, *Ambrosia ilicifolia*  
 Honey Mesquite, *Prosopis juliflora*  
 Honey-Sweet, *Tidestromia oblongifolia*  
 Indigo Bush, *Parosela schottii*  
 Inkweed, *Suaeda torreyana*  
 Iodine Bush, *Allenrolfea occidentalis*  
 Jacumba Monkeyflower, *Diplacus aridus*  
 Jimsonweed, *Datura discolor*  
 Lance-leaved Ditaxis, *Ditaxis lanceolata*  
 Large-bracted Boerhaavia, *Boerhaavia wrightii*  
 \* Las Animas Colubrina, *Colubrina californica*

- Little Barley, *Hordeum pusillum*  
 Locoweed, *Astragalus* sp.
- \* Low Bush Monkeyflower, *Diplacus aridus*  
 Mason Valley Cholla, *Opuntia bigelovii* var. *hoffmannii*  
 Mesquite, *Prosopis juliflora* var. *torreyana*  
 Mi-let, *Enchinochloa crusgalli*
  - \* Mountain Springs Bush Lupine, *Lupinus excubitus* var. *medius*
  - \* Munz's Cactus, *Opuntia munzii*  
 Mustard, *Brassica* sp.  
 Narrow leaved Cryptantha, *Cryptantha angustifolia*  
 Narrow-leaved Primosa, *Oenothera refracta*  
 Nut Grass, *Cyperus difformis*  
 Ocotillo, *Fouquieria splendens*
  - \* Orcutt's Woody Aster, *Xylorhiza orcuttii*
  - \* Orocopia Sage, *Salvia greatae*  
 Palo Verde, *Parkinsonia aculeata*  
 Palo Verde, *Cercidium floridum*
  - \* Parched Milk-Vetch, *Astragalus aridus*
  - \* Parish's Larkspur, *Delphinium parishii* ssp. *subglobosum*  
 Parry Dalea, *Dalea parryi*
  - \*\* Peirson's Milk-Vetch, *Astragalus magdalenae* var. *peirsonii*  
 Pigweed, *Amaranthus* sp.  
 Prickly Lettuce, *Lactuca scariola*  
 Puncture Weed, *Tribulus terrestris*  
 Rabbitfoot Grass, *Polypogon monspeliensis*  
 Rambling Milkweed, *Sarcostemma hirtellum*  
 Ratany, *Krameria grayi*  
 Red Springletop, *Leptochloa filiformis*  
 Ribbed Cryptantha, *Cryptantha costata*  
 Russian Thistle, *Salsola kali* var. *tenuifolia*  
 Sagittaria, *Sagittaria calycynia*
  - \* Saguaro, *Carnegiea gigantea*  
 Saltbush, *Atriplex lentiformis*  
 Salt Cedar, *Tamarix gallica*  
 Salton Milk-Vetch, *Astragalus crotalariae*
  - \* Sand Food, *Ammobroma sonorae*  
 San Miguel Milk-Vetch, *Astragalus miguelensia*  
 Screwbean Mesquite, *Prosopis pubescens*  
 Silver Sheath Knotweek, *Polygonum argyrocoleon*  
 Skeleton Weed, *Eriogonum deflexum*  
 Small-leaved Hoffmannseggia, *Hoffmannseggia microphylla*  
 Small-seeded Sand-Mat, *Euphorbia polycarpa*  
 Smoke Tree, *Parosela spinosa*  
 Spanish Needle, *Palafoxia linearis*  
 Sprangletop, *Leptochloa uninervia*  
 Spurge (family), *Stillingia linearifolia*

- Sweetbush, *Bebbia juncea*  
 Tamarisk, *Tanarix pentandra*  
 \* Thurber's Sandpaperplant, *Pilostyles thurberi*  
 Timothy, *Phleum pratense*  
 White-stemmed Milkweed, *Asclepias albicans*  
 \* Wiggins' Cholla, *Opuntia wigginsii*  
 \*\* Wiggins' Croton, *Croton wigginsii*  
 Wild Oat, *Avena fatua*  
 Windmills, *Allionia incarnata*  
 Winged Cryptantha, *Cryptantha holoptera*  
 Wire Grass, *Polygonum aviculare*

## Mammals

- Antelope Ground Squirrel, *Ammospermophilus leucurus*  
 \* Badger, *Taxidea taxus berlandieri*  
 Big Brown Bat, *Eptesicus fucus*  
 Big Free-tailed Bat, *Tadarida molossa*  
 Brazilian Free-tailed Bat, *Tadarida Brasiliensis*  
 \* California Leaf-nosed Bat, *Macrotus californicus*  
 \* California Mastiff Bat, *Eumops perotis californicus*  
 Hoary Bat, *Lasiurus cinereus*  
 Long-tongued Bat, *Choeronycteris mexicana*  
 Pale Big-eared Bat, *Plecotus townsendii pallenscens*  
 \* Pallid Bat, *Antrozous pallidus*  
 Pocketed Free-tailed Bat, *Tadarida femorosacca*  
 \* Spotted Bat, *Euderma maculata*  
 \* Townsend's Western Big-eared Bat, *Plecotus townsendii townsendii*  
 Western Pipistrel Bat, *Pipistrellus hesperus hesperus*  
 Western Yellow Bat, *Lasiurus ega*  
 Bobcat, *Lynx rufus baileyi*  
 Wild Burro, *Equus asinus*  
 California Myotis, *Myotis californicus stephensi*  
 Coyote, *Canis latrans clepticus*  
 Desert Kit Fox, *Vulpex velox*  
 Desert Shrew, *Notiosorex crawfordi crawfordi*  
 Gray Fox, *Urocyon cinereoargenteus scottii*  
 \* Kit Fox, *Vulpes macrotis*  
 Bailey's Pocket Mouse, *Perognathus baileti*  
 Cactus Mouse, *Peromyscus eremicus*  
 Deer Mouse, *Peromyscus maniculatus ambelii*  
 Desert Pocket Mouse, *Perognathus penicillatus*  
 House Mouse, *Mus musculus*  
 Little Pocket Mouse, *Perognathus longimembris bangsi*  
 Spiny Pocket Mouse, *Perognathus spinatus*  
 Western Harvest Mouse, *Reithrodontomys megalotis*

- Mule Deer, *Odocoileus hemionus*  
 Muskrat, *Ondatra zibethicus benardi*  
 Blacktail Jackrabbit, *Lepus californicus deserticola*  
 Desert Cottontail Rabbit, *Sylvilagus aububoni arizonae*  
 Raccoon, *Procyon lotor pallidus*  
 Arizona Cotton Rat, *Sigmodon arizonae*  
 Black Rat, *Rattus rattus*  
 Colorado Valley Woodrat, *Neotoma albigula venusta*  
 Desert Kangaroo Rat, *Dipodomys deserti deserti*  
 Desert Woodrat, *Neotoma lepida gilva*  
 Hispid Cotton Rat, *Sigmodon hispidus*  
 Merriam Kangaroo Rat, *Dipodomys merriami*  
 Norway Rat, *Rattus norvegicus*  
 Whitethroated Woodrat, *Neotoma albigula*  
 Roundtail Ground Squirrel, *Citellus tereticaudus*  
 White-Tailed Antelope Squirrel, *Ammospermophilus leucurus*  
 \* Penninsular Bighorn Sheep, *Ovis canadensis cremnobates*  
 \* Nelson's Bighorn, *Ovis canadensis nelsoni*  
 Striped Skunk, *Mephitis mephitis holzneri*  
 Valley Pocket Gopher, *Thomomys bottae albatius and crassus*  
 \* Yuma Mountain Lion, *Felis concolor brownii*

## Birds

- Avocet, *Recurvirostra americana*  
 Brewer's Blackbird, *Euphagus cyanocephalus*  
 Red-winged Blackbird, *Agelaius phoeniceus*  
 Yellow-headed Blackbird, *Xanthocephalus xanthocephalus*  
 \* Tricolored Blackbird, *Agelaius tricolor*  
 \* Yellow Breasted Chat, *Icteria virens*  
 Brown-Headed Cowbird, *Molothrus ater*  
 \* Western Yellow-billed Cuckoo, *Coccyzus americanus occidentalis*  
 \* Mountain Plover, *Charadrius montanus*  
 \* Western Snowy Plover, *Charadrius alexandrinus nivosus*  
 \* Long-billed Curlew, *Numenius americanus*  
 Mourning Dove, *Aenaidura macroura*  
 Cattle Egret, *Ardeola ibis*  
 Great Egret, *Casmerodius alba*  
 \* Reddish Egret, *Egretta rufescens*  
 Snowy Egret, *Leucophoyx ethula*  
 \* Golden Eagle, *Aquila chrysaetos*  
 \*\* Southern Bald Eagle, *Haliaeetus leucocephalus*  
 \*\* American Peregrine Falcon, *Falco peregrinus anatum*  
 \* Prairie Falcon, *Falco mexicanus*  
 \* Northern Harrier, *Circus cyaneus*  
 \* Black-shouldered Kite, *Elanus caeruleus*

- \* Osprey, *Pandion haliaetus*
- \* Merlin, *Falco columbarius*
- House Finch, *Carpodacus mexicanus*
- Gilded Flicker, *Colaptes auratus mearnsi*
- \* Brown Crested Flycatcher, *Myiarchus tyrannulus*
- \* Vermillion Flycatcher, *Pyrocephalus rubinus*
- \*\* Willow Flycatcher, *Empidonax traillii*
- \* Black Tailed Gnatcatcher, *Poliophtila melanura*
- \* Coopers Hawk, *Accipiter cooperii*
- \* Ferruginous Hawk, *Buteo regalis*
- \* Harris' Hawk, *Parabuteo unicinctus*
- \* Northern Goshawk, *Accipiter gentilis*
- Red-Tailed Hawk, *Buteo jamaicensis*
- \* Sharp-shinned hawk, *Accipiter striatus*
- \* Swainson's Hawk, *Buteo swainsoni*
- \* Great Blue Heron, *Ardea herodias*
- \* Black-crowned Night Heron, *Nycticorax hoatcli*
- \* White Faced Ibis, *Plegadis chihi*
- \* Wood Stork, *Mycteria americana*
- \* Aleutian Canada Goose, *Branta canadensis leucopareia*
- \* Barrow's Goldeneye, *Bucephala islandica*
- \* Fulvous Whistling Duck, *Dendrocygna bicolor*
- Scrub Jay, *Aphelocoma coerulescens*
- California Grey Headed Junco, *Junco hyemalis caniceps*
- Killdeer, *Charadrius vociferus*
- \* Purple Martin, *Progne subis*
- Western Meadowlark, *Sturnella neglecta*
- Mockingbird, *Mimus polyglottos*
- \* Northern Cardinal, *Cardinalis cardinalis superba*
- Lesser Nighthawk, *Chordeiles acuti pennis*
- Barn Owl, *Tyto alba*
- \* Burrowing Owl, *Athene cunicularia*
- \* Elf Owl, *Micrathene whitneyi*
- \* Long Eared Owl, *Asio atus*
- \* Short Eared Owl, *Asio flammeus*
- \* Common Loon, *Gavia immer*
- \* Western Grebe, *Aechmophorus occidentalis*
- \* American White Pelican, *Pelecanus erythrorhynchos*
- \*\* California Brown Pelican, *Pelecanus occidentalis californicus*
- \* Double-crested Cormorant, *Phalacrocorax auritus*
- \* Western Least Bittern, *Ixobrychus exilis hesperis*
- Poorwill, *Phalaenoptilus nathallii*
- Gambel's Quail, *Lophortyx gambelii*
- \* Black Rail, *Laterallus jamaicensis coturniculus*
- \* Yuma Clapper Rail, *Rallus longirostris yumanensis*
- \* Greater Sandhill Crane, *Grus canadensis tabida*



- Common Raven, *Corvus corax*  
 Roadrunner, *Geococcyx californianus*  
 Loggerhead Shrike, *Lanus ludovicianus*  
 \* Black Skimmer, *Rynchops niger*  
 House Sparrow, *Passer domesticus*  
 Sage Sparrow, *Amphispiza belli*  
 White-crowned Sparrow, *Zonotrichia Leucophrys*  
 Black-necked Stilt, *Himantopus mexicanus*  
 \* Bank swallow, *Riparia riparia*  
 Barn Swallow, *Hirundo rustica*  
 \* Summer Tanager, *Piranga rubra*  
 \* California Gull, *Larus californicus*  
 \* Laughing Gull, *Larus atricilla*  
 \*\* California Least Tern, *Sterna antillarum brownii*  
 \* Elegant Tern, *Sterna elegans*  
 \* Gull Billed Tern, *Sterna milatica*  
 Bendire's Thrasher, *Toxostoma bendierii*  
 \* Crissal Thrasher, *Toxostoma dorsale*  
 \* Le Conte's Thrasher, *Toxostoma Leomtei*  
 Sage Thrasher, *Oreoscoptes monatanus*  
 Abert's Towhee, *Pipila aberti*  
 Verdin, *Auriparus flaviceps*  
 \*\* Arizona Bell's Vireo, *Vireo bellii arizonae*  
 \*\* Least Bells Vireo, *Virio bellii pusillus*  
 Turkey Vulture, *Cathartes aura*  
 Black-throated Gray Warbler, *Dendroica nigrescens*  
 \* Yellow Warbler, *Dendroica petechia*  
 \*\* Virginia's Warbler, *Vermivora virginiae*  
 Whimbrel, *Numenius phaeopus*  
 \*\* Gila Woodpecker, *Melanerpes urophygialis*  
 Rock Wren, *Salpinctes obsoletus*

## Reptiles

- Chuckwalla, *Sauromalus obesus*  
 Banded Gecko, *Coleonyx variegatus*  
 \* Barefoot Gecko, *Anarbylus switaki*  
 Desert Iguana, *Dipsosaurus dorsalis*  
 Collared Lizard, *Crotaphytus colaris*  
 \* Colorado Desert Fringe-toed Lizard, *Uma notata notata*  
 \* Flat-tailed Horned Lizard, *Phrynosoma macallii*  
 Long-nosed Leopard Lizard, *Crotaphyytus wislizinii*  
 Western Whiptail Lizard, *Cnemidophorous tigris*  
 Sidewinder Rattlesnake, *Crotalus cerastes*  
 Western Diamondback Rattlesnake, *Crotalus viridis*  
 \* Desert Tortoise, *Gepherus agassizi*

- Leaf-Nosed Snake, *Phyllorhynchus decurtatus*
- Long-Nosed Snake, *Rhinocheilus lecontei*
- Rosy Boa, *Lichanura trivirgata*
- Shovel-Nosed Snake, *Chionactis occipitalis*
- Speckled Rattlesnake, *Crotalus mitchelli*
- \* Sonoran Mud Turtle, *Kinosternan sanoriense*

### Amphibia

- \* Colorado River Toad, *Bufo alavarius*
- \* Couch's Spadefoot Toad, *Scaphiopus couchii*
- \* Lowland Leopard Frog, *Rana yavapaensis*

### Insects

- Andrew's Dune Beetle, *Pseudocotalpa andrewsi*
- Carlson's Dune Beetle, *Anomala carlsoni*
- Hardy's Dune Beetle, *Anomala hardyorum*

### Fishes

- \*\* Bonytail Chub, *Gila elegans*
- \* Colorado Squawfish, *Prychocheilus lucius*
- \*\* Desert Pupfish, *Cyprinodon macularius*
- \*\* Humpback Sucker, *Xyrauchen texanus*

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Source: 1984 Imperial County Overview Plan