

## **State Wildlife Action Plan (SWAP) 2015**

### **Mojave Desert Region Alkali Desert Scrub Habitat**

**What are the sensitive species found in the alkali desert scrub habitat?** The following 34 alkali desert scrub habitat species from this region are found to be sensitive:

#### **Amphibian [1]**

- COUCH'S SPADEFOOT

#### **Bird [23]**

- LARGE-BILLED SAVANNAH SPARROW
- TRICOLORED BLACKBIRD
- SHORT-EARED OWL
- LONG-EARED OWL
- BURROWING OWL
- SWAINSON'S HAWK
- SNOWY PLOVER
- NORTHERN HARRIERS
- YELLOW WARBLER
- WILLOW FLYCATCHER
- CALIFORNIA CONDOR
- YELLOW-BREASTED CHAT
- LOGGERHEAD SHRIKE
- SUMMER TANAGER
- PURPLE MARTIN
- VERMILION FLYCATCHER
- BANK SWALLOW
- BENDIRE'S THRASHER
- CRISSAL THRASHER
- LUCY'S WARBLER
- LEAST BELL'S VIREO
- GRAY VIREO
- YELLOW-HEADED BLACKBIRD

#### **Mammal [10]**

- PRONGHORN
- PALLID BAT
- MOJAVE GROUND SQUIRREL
- WESTERN MASTIFF BAT
- WESTERN YELLOW BAT
- CALIFORNIA LEAF-NOSED BAT
- MOJAVE RIVER VOLE
- SOUTHERN GRASSHOPPER MOUSE
- BIGHORN SHEEP

**What do we find important for recovering and sustaining healthy alkali desert scrub habitat?** Ecological conditions that are found to be most critical to sustain healthy alkali desert scrub habitat in this region are:

- Area and extent
- Community structure and composition

- Soil and sediment erosion-deposition regime
- Successional dynamics
- Connectivity
- Hydrological regime

Degraded ecological conditions that are found to be impacting the alkali desert scrub habitat in this region are:

- Changes in temperatures
- Changes in precipitation
- Altered spatial distribution
- Changes in community structure or composition
- Loss or change in biotic interactions
- Changes in succession processes and ecosystem development
- Habitat fragmentation
- Changes in sediment erosion-deposition regime
- Changes in natural fire regime
- Changes in frequency or intensity of extreme events
- Change in soil chemistry
- Change in soil moisture
- Change in soil temperature
- Change in water chemistry
- Change in water levels and hydroperiod
- Change in flood occurrence, frequency, intensity, and area flooded
- Change in groundwater tables
- Change in water nutrient

Human related activities and issues that are found to be profound impacts to the alkali desert scrub habitats are:

- Invasive plant & animal species
- Renewable energy development and operations

### **More questions?**

1. Come talk to us and ask questions at scoping meetings!
2. Check our Website: <http://www.dfg.ca.gov/SWAP/>
3. Provide written comments

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