GOALS

1. By 2025 see 10% of the disturbed conserved areas showing signs of successional dynamics or recovery.

2. By 2025, 25 to 50 percent of the area of the macrogroup is composed of primarily native species.

3. By 2025, at least 25% area of the macrogroup found in the Sonoran Desert Ecoregion is conserved.

4. By 2025, diet changes due to climate change and seasonal variation is reduced by at least 10% throughout the ecoregion.

5. By 2025, preserve at least 3 major corridors within the Sonoran Ecoregion that will provide for species and genetic exchange.

6. By 2025, there is a 10% increase in endemic plant/animal species diversity and conserved habitats provide diverse structural diversity.

The State Wildlife Action Plan examines the health of wildlife and prescribes actions to conserve wildlife and vital habitat before they become more rare and more costly to protect. The plan also promotes wildlife conservation while furthering responsible development and addressing the needs of a growing human population.

SENSITIVE SPECIES

- Large-billed sparrow
- Couch’s spadefoot
- Tricolored blackbird
- Short-eared owl
- Long-eared owl
- Burrowing owl
- Swainson’s hawk
- Snowy owl
- Northern harrier
- Yellow warbler
- Willow flycatcher
- California condor
- Yellow-bellied chat
- Loggerhead shrike
- Summer tanager
- Purple martin
- Vermillion flycatcher
- Bank swallow
- Bendire’s thrasher
- Cactus wren
- Lucy’s warbler
- Least Bell’s vireo
- Gray vireo
- Yellow-headed blackbird
- Pronghorn antelope
- Pallid bat
- Mojave ground squirrel
- Western meadowlark
- Western yellow jay
- California leaf-nosed bat
- Mojave River pickerel
- Southern grasshopper mouse
- Bighorn sheep
- American badger
- Red diamond rattlesnake
- Desert tortoise
- Gila monster
- Flat-tailed horned lizard
- California legless lizard
- Mojave fringe-toed lizard
- Golden eagles

ENVIRONMENTAL STRESSES

- Changes in annual average temperatures increase
- Changes in annual average precipitation
- Changes in summer average precipitation
- Altered spatial distribution of habitat types
- Changes in community structure or composition
- Loss or change in biotic interactions
- Habitat fragmentation
- Change in frequency or intensity of extreme events (e.g. droughts)

HUMAN RELATED IMPACTS

- Renewable Energy
- Annual and Perennial Non-Timber Crops
- Housing and Urban Areas
- Invasive plants/animals
- Roads & Railroads
- Utility & Service Lines

TEAM

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Jack Crayon</td>
<td>CDFW-R6</td>
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<tr>
<td>Dr. K.T. Rogers</td>
<td>CDFW-R6</td>
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<td>Mike Giusti</td>
<td>CDFW-HCPB</td>
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<td>Junko Hoshi</td>
<td>CDFW-HCPB</td>
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<tr>
<td>Cameron Barrows</td>
<td>UC Riverside</td>
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<td>Gerald Mulcahy</td>
<td>CDFW-R6</td>
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STRATEGIES, OBJECTIVES AND ACTIVITIES

1. Provide input on project planning and decision making process
   a. Objectives
      i. To conserve desert scrub habitat through participation in the planning and decision making processes
   b. Activities
      i. Conduct environmental (CEQA/NEPA) review
         ii. Participate in review of general plans/amendments
         iii. Develop master 1500 permit template consistent with strategy
      iv. Identify and prioritize areas for conservation/development
      v. Encourage establishment of mitigation banks
      vi. Develop mitigation alternatives consistent with strategy
      vii. Define success criteria for adaptive management
      viii. Obtain funding to maintain mitigation areas
      ix. Conduct PAR analysis for mitigation sites

2. Partner for joint advocacy
   a. Objectives
      i. Increase political awareness for conservation of desert scrub in the Sonoran Desert ecoregion
      ii. Solicit additional funding through grants or legislation
      iii. Advocate for development consistent with strategy
   b. Activities
      i. Coordinate with WCB, OCEO, Leg Office
      ii. Conduct bill analysis related to housing and urban development
      iii. Identify partners (NGO’s) to advocate position
      iv. Advocate science based decisions and process
      v. Develop development BMPs
      vi. Identify and prioritize conservation areas
      vii. Conduct economic impact analysis
      viii. Obtain funding to implement strategy

3. Develop HCP, NCCP and management plans
   a. Objectives
      i. Minimize the impact of housing and urban growth through the establishment of conservation plans
   b. Activities
      i. Identify areas and SCGN species to be conserved
      ii. Identify partners in plans
      iii. Obtain funding
      iv. Coordinate with stakeholder, conduct public review and respond to comments
      v. Conduct appropriate environmental review
      vi. Evaluate efficacy of establishing mitigation banks
      vii. Develop regional specific management plans

4. Establish co-management partnership
   a. Objectives
      i. Establish cooperative partnership with all interested groups to conserve habitat target.
         ii. Partnership effectively conserves habitat and species
         iii. Imprinted funding opportunity through combined resources
      iv. Share management responsibilities
      v. Develop and share baseline data for conservation of SCGN
   b. Activities
      i. Identify and contact NGO’s interested in conserving habitat.
      ii. Create working alliance between all interested parties (BLM, CDFW, and NGO’s). Others to consider include NPS and CLNWR.
      iii. Identify conservation needs of desert scrub habitat.
      iv. Identify funding sources to implement projects