State Wildlife Action Plan
2015 Update

Southern California Mountain and Valleys
& South Coast Ecoregions

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California Essential Habitat Connectivity Project

Figure 3.7
South Coast Ecoregion

Essential Connectivity Areas*

Less Cost

More Cost

Natural Landscape Blocks

Potential Riparian Connections

Interstate Connections

Ecoregion

*Cumulative cost to ecological flows

The Essential Habitat Connectivity map delineates lands likely important to wildlife movement. Between large, mostly natural areas at the statewide scale based on available data and assumptions provided in this report, it omits small natural areas and does not reflect movement needs of particular species. It is a decision-support tool to be refined by finer scale analyses and local linkage designs. DO NOT assume that lands outside Natural Landscape Blocks or Essential Connectivity Areas are unimportant to wildlife populations or movements.
Lowland and Valley Habitats
Foothill Habitats
Mountain Habitats
About the Targets

• South Coast Ecoregion
  – Beach dune, saltmarsh, sage scrub, grasslands, vernal pools, oak woodlands, riparian, freshwater marsh

• Southern Cal Mtns & Valleys Ecoregion
  – Sage scrub, grasslands, riparian, forest/woodlands
National Vegetation Standard Macrogroup

California Annual and Perennial Grassland MCV

National Land Cover, v2
California Annual & Perennial Grassland

Ecoregions

Counties

California Annual and Perennial Grasslands
25 SGCNs Associated with Grasslands
More Grassland species
Threats to Grasslands
Strategies for Grassland

- **Acquisition / Conservation Easements** – with eye towards management needs.
- **Provide Input on Local Planning** – future NCCPs, zoning for development and crop establishment (particularly vineyards).
- **Invasives Management** – a strategic plan to effectively control invasive plants where do most good for SGCN and ecosystem function.
- **Partner for Joint Advocacy** - monetary incentives for conservation on working lands and control of rodenticide use
- **Data Gathering and Analysis** – distribution of SGCNs relative to threats and habitat needs to inform the other strategies.
Southwestern North American Riparian Forest
38 SGCNs Associated with Riparian
Land and Water
Threats to Riparian
Threats to Riparian
Strategies for Riparian

- **Acquisition / Conservation Easements** - areas that can support riparian habitat
- **Provide Input on Local Planning** - engage in local planning to encourage the use of bio(soft) engineering for flood control, retention of functional floodplains, deterrence and capture of waste and pollution
- **Advocate for Effective Enforcement of Laws** - enforcement of existing laws for water quality, homeless encampments, dumping, marijuana grows, etc. in priority areas
- **Invasive Plant Management** – identify priority areas for treatment, facilitate permit streamlining for riparian restoration projects, investigate a plant tax for problem species
- **Provide Education and Outreach** - efforts targeted at specific groups, communities, resource users, policy makers, stakeholders and/or the public to improve awareness and change knowledge, attitudes, and behaviors
- **Data Gathering and Analysis** – distribution of SGCNs relative to threats and habitat needs to inform the other strategies