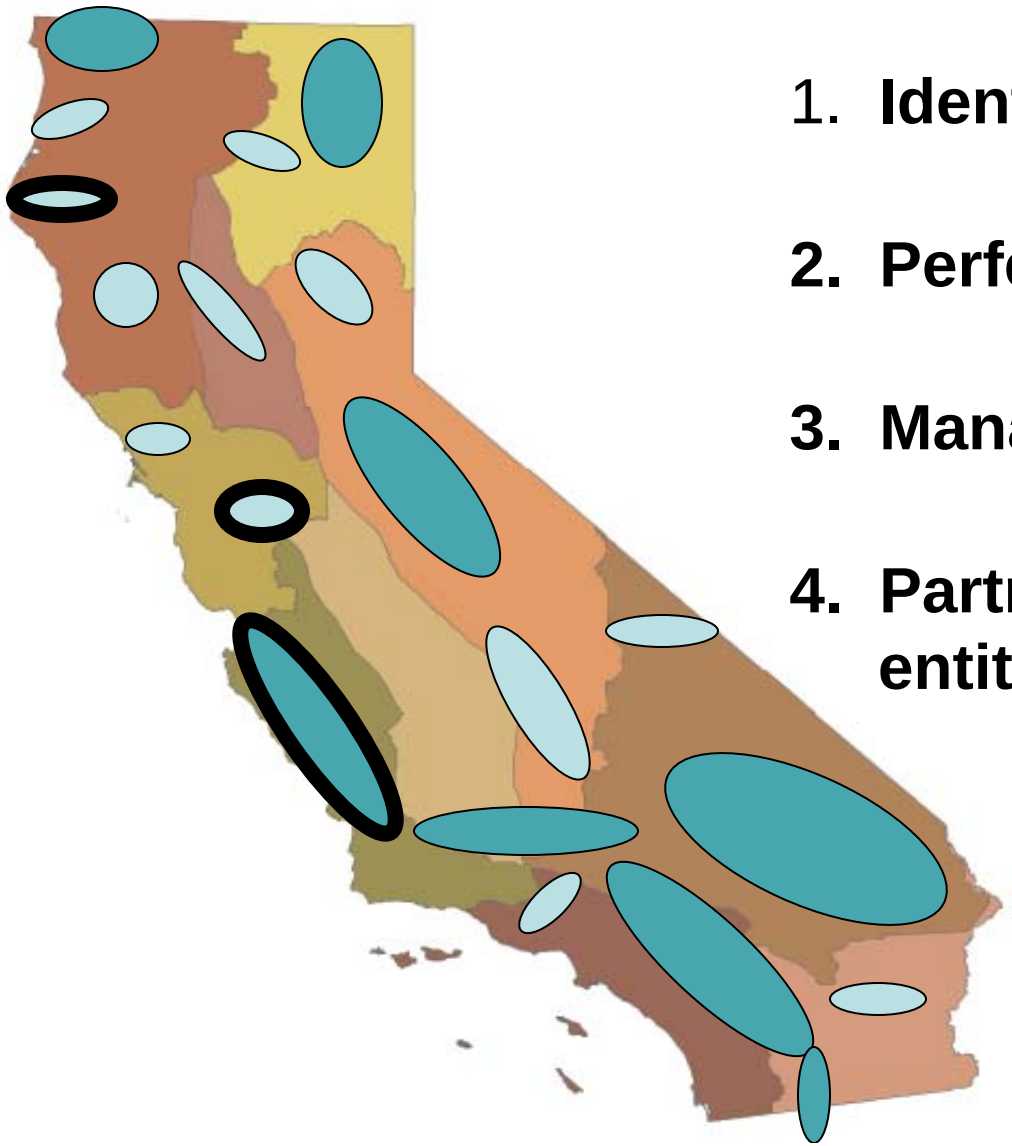
Challenge 1: Biological Diversity

Landscape Reserves and Resiliency



1. **Identify & Prioritize**
2. **Perfect Reserve Area**
3. **Managing Reserve Cores**
4. **Partners: Land managing entities and land trusts**

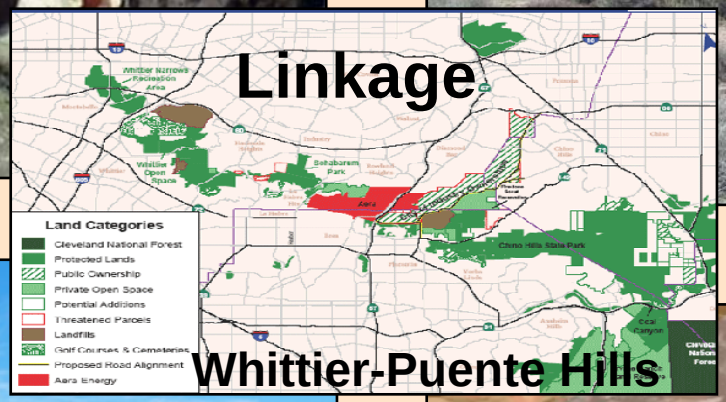
Reserves

Public lands

Public & Private

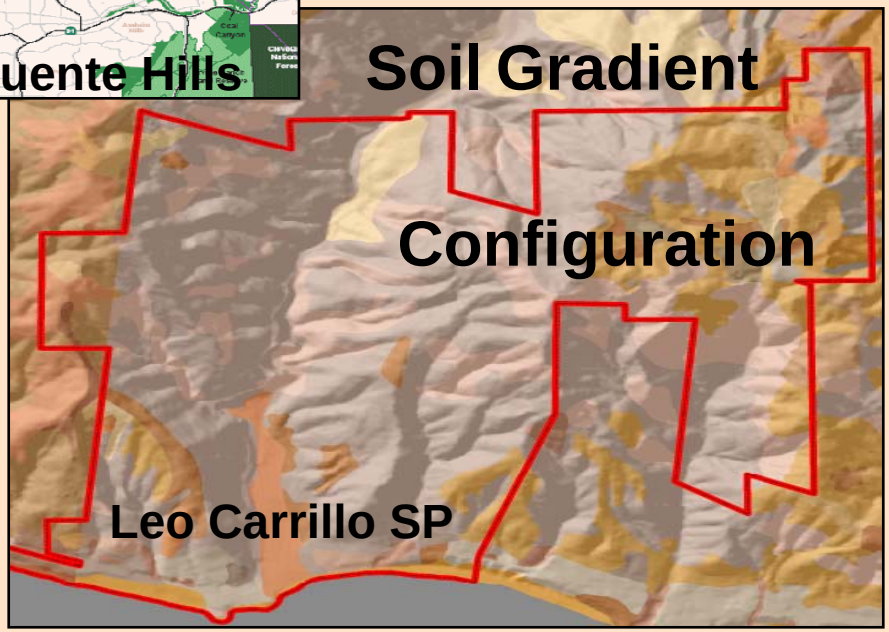
Sustainable Size

Elevation Gradient
Latitudinal Gradient
Tejon Ranch

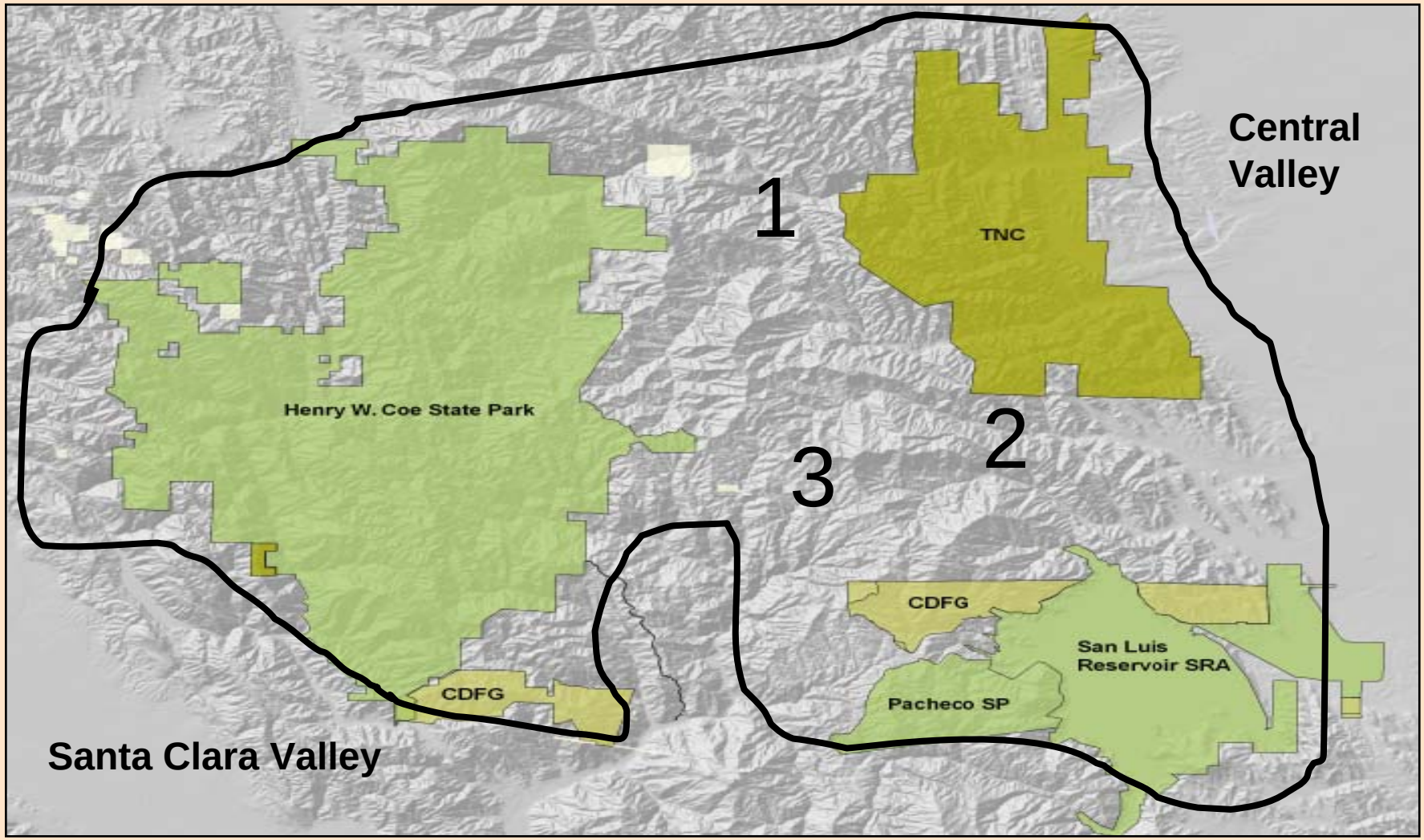

Linkage

Whittier-Puente Hills

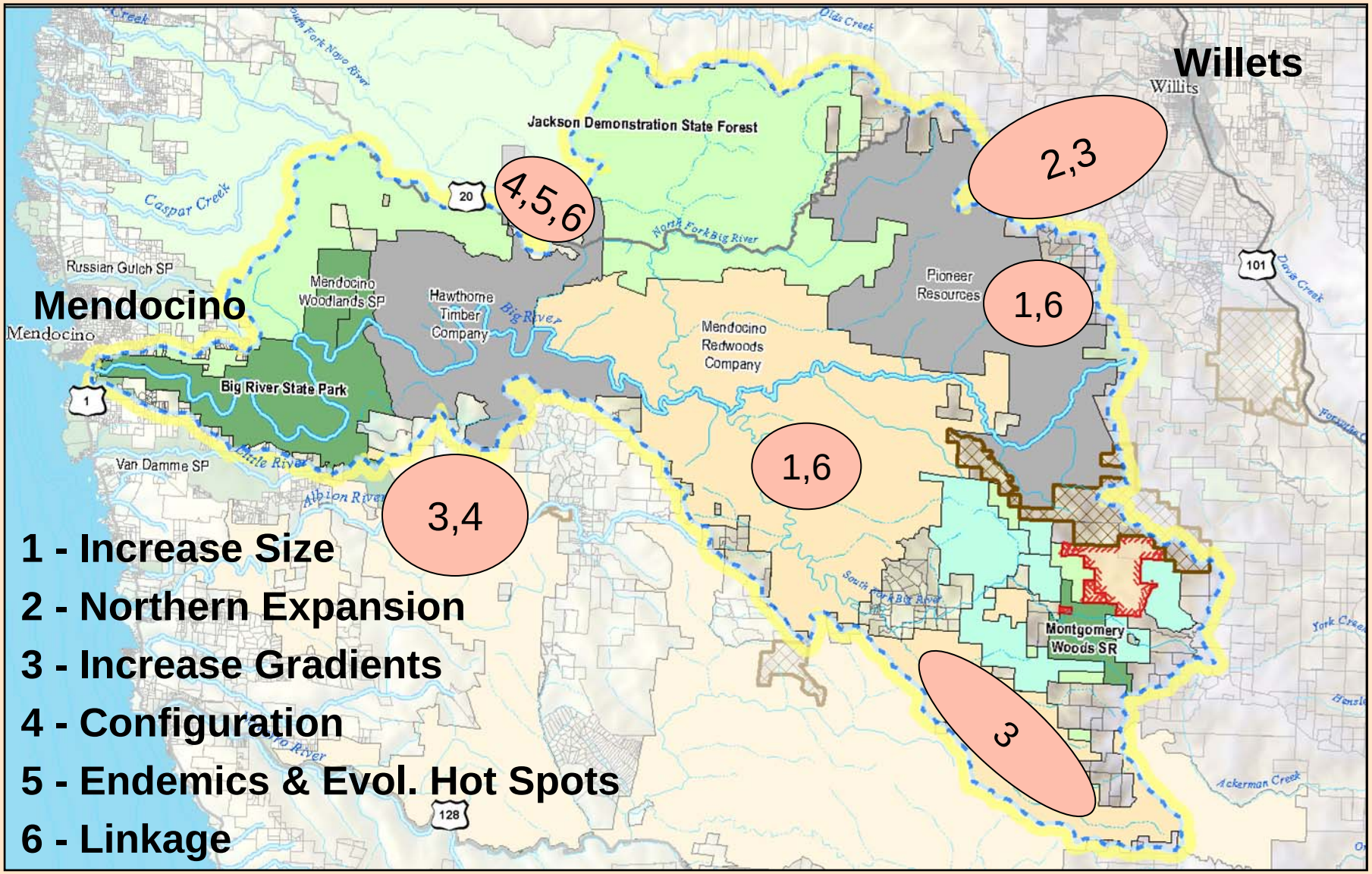
Endemic Movement &
Evolutionary Hot Spot
Russian Peak


Soil Gradient
Configuration
Leo Carrillo SP

Perfecting Reserve: Linking Existing Protected Areas – Mt. Hamilton 300,000 Acres

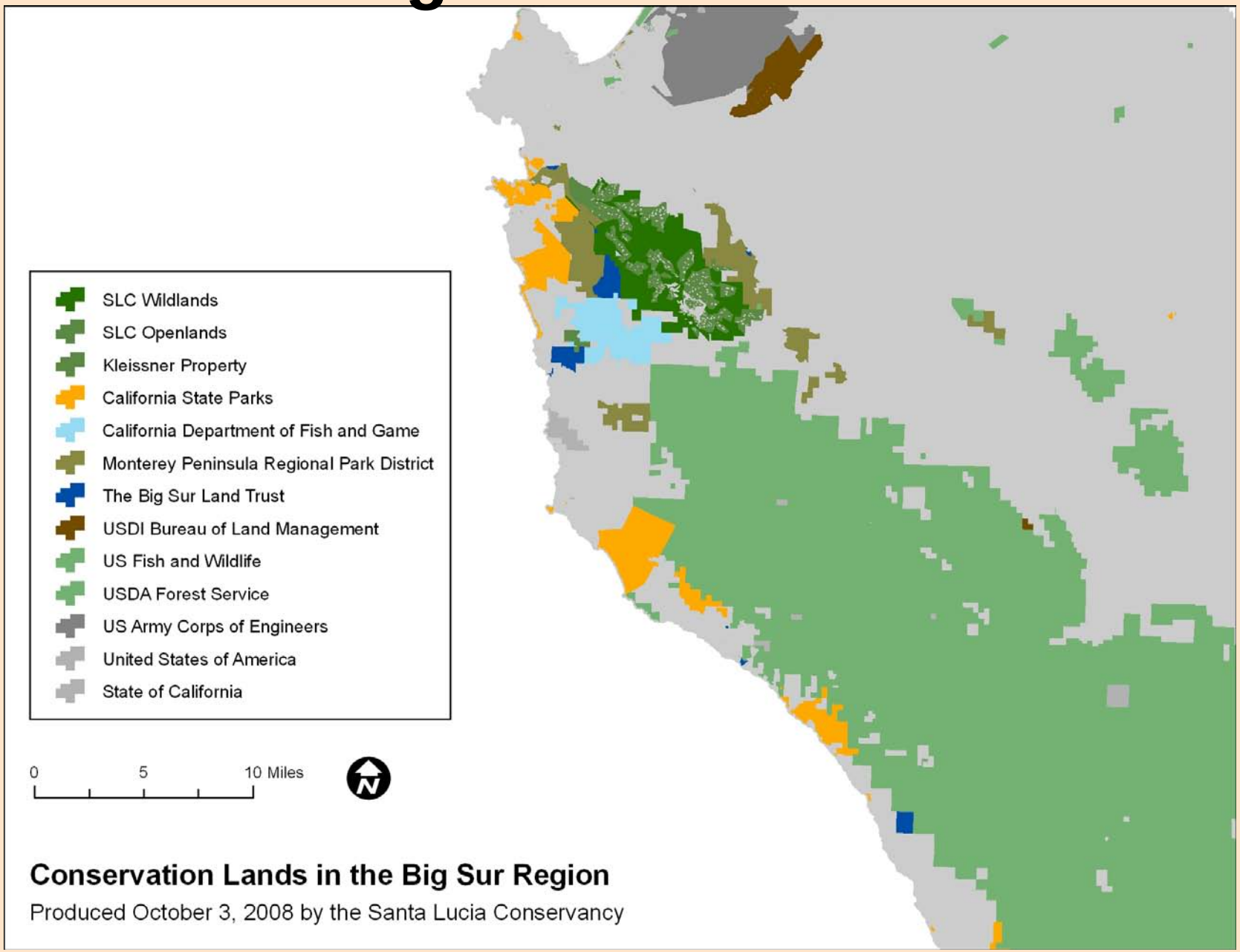


Perfecting 125,000 Acre Big River Reserve



additions illustrative only

Big Sur Reserve



Reserve: Management & Restoration

Reduce Environmental Stressors

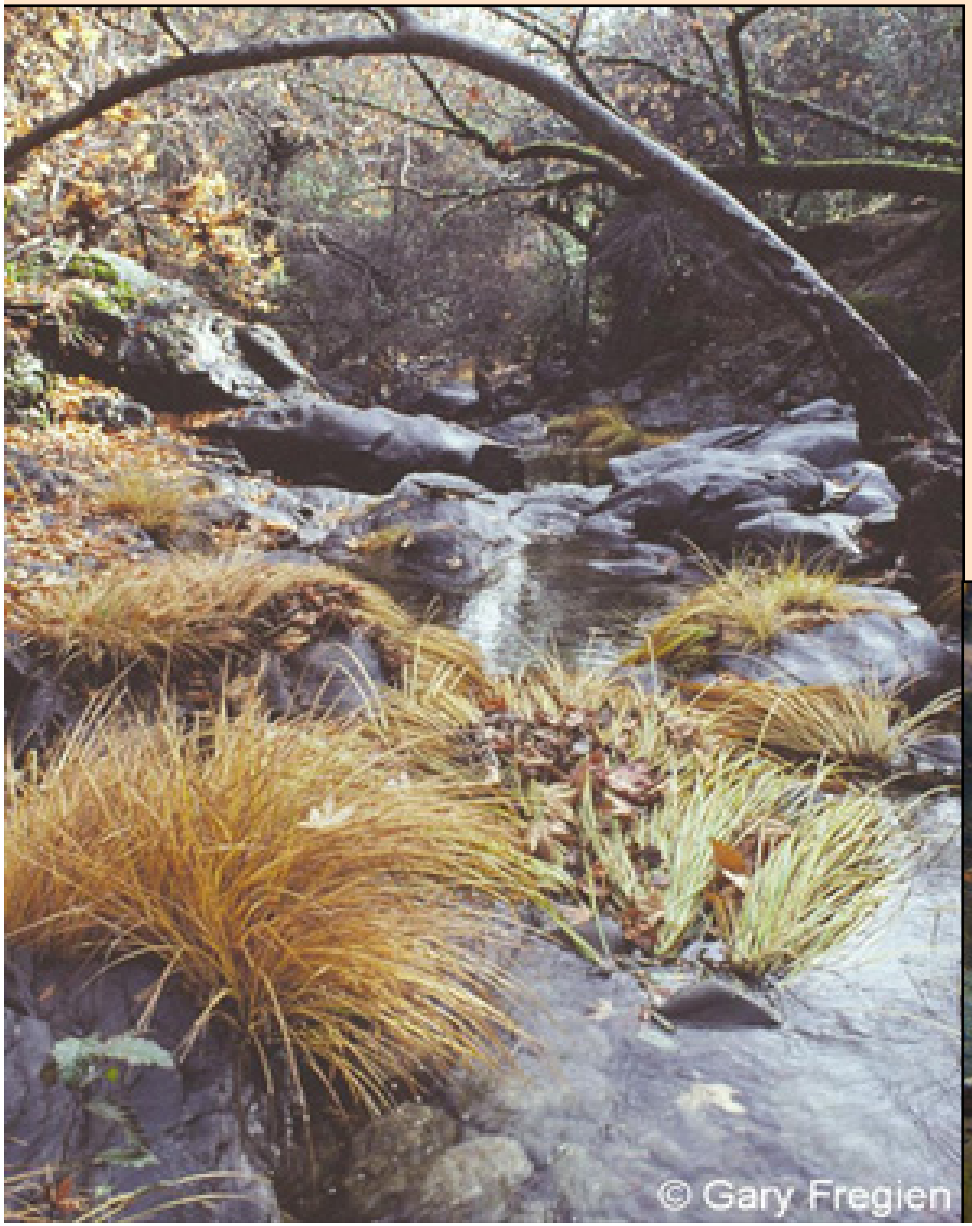
Priority Actions:

- invasive weeds
- roads, culverts & sediment
- fire-reduce & prescribed
- feral animals
- aquatic management

Priority Areas:

- wildlife movement
- plant movement

Aquatic Management



- Genetic diversity
- Habitat complexity
- Cold water resources
- Connect river and floodplain
- Alpine meadows & riparian
- Wild & hatchery fish