

SOUTHERN CALIFORNIA/NORTHERN BAJA COAST Ecoregion



G1 and G2 Species Habitat Management Guidelines

INTRODUCTION

The Sustainable Forestry Initiative® (SFI) [2022 Standards](#) include requirements that promote and conserve Forests with Exceptional Conservation Value (FECV), which includes critically imperiled (G1) and imperiled (G2) species. This fact sheet summarizes the analysis of FECV habitat within this ecoregion and provides habitat management recommendations that would benefit species potentially found here.

HABITAT TYPES

- Grassland
- Mixed Conifer Forest
- Riparian/Streams/Wetlands/Temporary Pools/Bog/Fen
- Shrubland/Chaparral
- Special Sites (Bare Rock/Talus, Coastal Sage Scrub, Rocky Slopes, Sand/Dune)

GRASSLAND MANAGEMENT

- Protect known locations
- Buffer grassland areas

MIXED CONIFER FOREST MANAGEMENT

- Protect known locations
- Retain legacy trees, stumps, and logs
- Retain large diameter trees with cavities or broken tops
- Leave skips and gaps with dense shrub component
- Retain large slash into piles

RIPARIAN/STREAMS/WETLANDS/TEMPORARY POOLS/BOG/FEN MANAGEMENT

- Protect known locations
- Maintain well vegetated riparian buffers
- Plant a diversity of both hardwood and conifer trees
- Retain large diameter trees near streams, rivers and wetlands
- Buffer wetlands, springs, and headwater areas



**Southern Mountain Yellow-
legged Frog**



California Reg-legged Frog



Western Spadefoot

All management recommendations assume that operators and land managers are following all applicable BMPs, laws, and regulations.

SOUTHERN CALIFORNIA/NORTHERN BAJA COAST Ecoregion



G1 and G2 Species Habitat Management Guidelines

SHRUBLAND/CHAPARRAL MANAGEMENT

- Protect known locations
- Buffer shrubland and chaparral areas

SPECIAL SITES MANAGEMENT

- Protect known locations
- Maintain and buffer special sites

SCIENTIFIC NAME	COMMON NAME	HABITAT	STATUS
<i>Hypogymnia schizidiata</i>	Island Tube Lichen	Bare Rock/Talus	G1
<i>Tortula californica</i>	California Screw Moss	Bare Rock/Talus	G2
<i>Hemizonia minthornii</i>	Santa Susana Tarweed	Bare Rock/Talus	G2
<i>Mielichhoferia shevockii</i>	Shevock's Copper Moss	Bare Rock/Talus	G2
<i>Arenaria paludicola</i>	Marsh Sandwort	Bog/Fen	G1
<i>Dudleya parva</i>	Conejo Dudleya	Cliff	G1
<i>Salvia brandegeei</i>	Brandegee's Sage	Cliff	G2
<i>Agave shawii</i>	Shaw's Agave	Cliff	G2
<i>Bergerocactus emoryi</i>	Golden-spined Cereus	Coastal Sage Scrub	G2
<i>Ambrosia pumila</i>	San Diego Ragweed	Grassland	G1
<i>Acanthomintha ilicifolia</i>	San Diego Thornmint	Grassland	G1
<i>Bombus crotchii</i>	Crotch's Bumble Bee	Grassland	G2
<i>Symphyotrichum defoliatum</i>	San Bernardino Aster	Grassland	G2
<i>Navarretia ojaiensis</i>		Grassland	G2
<i>Eriogonum evanidum</i>	a buckwheat	Mixed Conifer Forest	G1
<i>Gymnogyps californianus</i>	California Condor	Mixed Conifer Forest	G1
<i>Astragalus deanei</i>	Deane's Milkvetch	Mixed Conifer Forest	G1
<i>Baccharis malibuensis</i>	Malibu Coyote Brush	Mixed Conifer Forest	G1
<i>Helianthus inexpectatus</i>	Newhall Sunflower	Mixed Conifer Forest	G1
<i>Arctostaphylos otayensis</i>	Otay Manzanita	Mixed Conifer Forest	G1
<i>Cupressus abramsiana</i>	Santa Cruz Island Cypress	Mixed Conifer Forest	G1
<i>Pinus torreyana</i>	Torrey Pine	Mixed Conifer Forest	G1
<i>Dudleya verityi</i>	Verity's Dudleya	Mixed Conifer Forest	G1
<i>Scrophularia atrata</i>	Black-flower Figwort	Mixed Conifer Forest	G2
<i>Calochortus dunnii</i>	Dunn's Mariposa Lily	Mixed Conifer Forest	G2
<i>Cupressus goveniana</i>	Gowen Cypress	Mixed Conifer Forest	G2
<i>Symphyotrichum greatae</i>	Greata's Aster	Mixed Conifer Forest	G2
<i>Fremontodendron mexicanum</i>	Mexican Flannelbush	Mixed Conifer Forest	G2
<i>Navarretia setiloba</i>	Piute Mountains Navarretia	Mixed Conifer Forest	G2

All management recommendations assume that operators and land managers are following all applicable BMPs, laws, and regulations.

SOUTHERN CALIFORNIA/NORTHERN BAJA COAST Ecoregion



G1 and G2 Species Habitat Management Guidelines

SCIENTIFIC NAME	COMMON NAME	HABITAT	STATUS
<i>Ceanothus cyaneus</i>	San Diego Ceanothus	Mixed Conifer Forest	G2
<i>Astragalus oocarpus</i>	San Diego Milkvetch	Mixed Conifer Forest	G2
<i>Glyptostoma gabrielse</i>	San Gabriel Chestnut	Mixed Conifer Forest	G2
<i>Cupressus forbesii</i>	Tecate Cypress	Mixed Conifer Forest	G2
<i>Dudleya variegata</i>	Variegated Dudleya	Mixed Conifer Forest	G2
<i>Thysanocarpus rigidus</i>		Mixed Conifer Forest	G2
<i>Monardella stoneana</i>	Jennifer's Monardella	Riparian/Streams	G1
<i>Catostomus santaanae</i>	Santa Ana Sucker	Riparian/Streams	G1
<i>Rana muscosa</i>	Southern Mountain Yellow-legged Frog	Riparian/Streams	G1
<i>Gila orcuttii</i>	Arroyo Chub	Riparian/Streams	G2
<i>Anaxyrus californicus</i>	Arroyo Toad	Riparian/Streams	G2
<i>Linderiella occidentalis</i>	California Fairy Shrimp	Riparian/Streams	G2
<i>Rana draytonii</i>	California Red-legged Frog	Riparian/Streams	G2
<i>Malacothamnus davidsonii</i>	Davidson's Bushmallow	Riparian/Streams	G2
<i>Navarretia prostrata</i>	Prostrate Navarretia	Riparian/Streams	G2
<i>Clinopodium chandleri</i>	San Miguel Savory	Riparian/Streams	G2
<i>Hemizonia floribunda</i>	Tecate Tarweed	Riparian/Streams	G2
<i>Spea hammondi</i>	Western Spadefoot	Riparian/Streams	G2
<i>Ceanothus verrucosus</i>	Warty-stem Ceanothus	Rocky Slopes	G2
<i>Triquetrella californica</i>	California Triquetrella Moss	Sand/Dune	G2
<i>Orcuttia californica</i>	California Orcutt Grass	Shrubland/Chaparral	G1
<i>Eriogonum crocatum</i>	Conejo Buckwheat	Shrubland/Chaparral	G1
<i>Baccharis vanessae</i>	Encinitis Baccharis	Shrubland/Chaparral	G1
<i>Tharsalea hermes</i>	Hermes Copper	Shrubland/Chaparral	G1
<i>Dudleya stolonifera</i>	Laguna Beach Dudleya	Shrubland/chaparral	G1
<i>Berberis nevinii</i>	Nevin's Barberry	Shrubland/Chaparral	G1
<i>Hazardia orcuttii</i>	Orcutt's Hazardia	Shrubland/Chaparral	G1
<i>Ceanothus otayensis</i>	Otay Mountain Ceanothus	Shrubland/Chaparral	G1
<i>Atriplex parishii</i>	Parish's Saltbush	Shrubland/Chaparral	G1
<i>Cercocarpus traskiae</i>	Santa Catalina Mountain-mahogany	Shrubland/Chaparral	G1
<i>Trimerotropis occidentiloides</i>	Santa Monica Grasshopper	Shrubland/Chaparral	G1
<i>Ceanothus ophiophilus</i>	Vail Lake Ceanothus	Shrubland/Chaparral	G1
Ceanothus pendletonensis		Shrubland/Chaparral	G1
<i>Astragalus brauntonii</i>	Braunton's Milkvetch	Shrubland/Chaparral	G2
<i>Quercus cedrosensis</i>	Cedros Island Oak	Shrubland/Chaparral	G2
<i>Nolina interrata</i>	Dehesa (San Diego) Bear-grass	Shrubland/Chaparral	G2
<i>Linanthus bellus</i>	Desert Beauty	Shrubland/Chaparral	G2
<i>Packera ganderi</i>	Gander's Ragwort	Shrubland/Chaparral	G2

All management recommendations assume that operators and land managers are following all applicable BMPs, laws, and regulations.

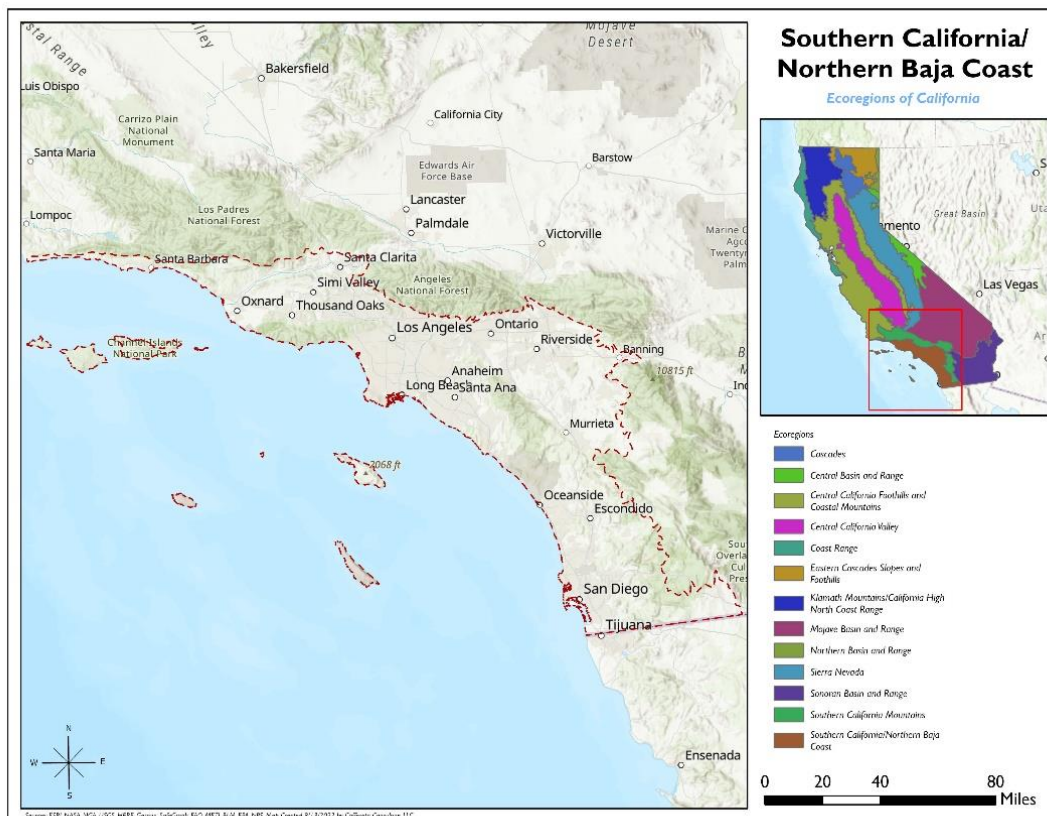
SOUTHERN CALIFORNIA/NORTHERN BAJA COAST ECOREGION



G1 and G2 Species Habitat Management Guidelines

SCIENTIFIC NAME	COMMON NAME	HABITAT	STATUS
<i>Lepechinia cardiophylla</i>	Heart-shaped Pitcher-sage	Shrubland/Chaparral	G2
<i>Galium buxifolium</i>	Island Bedstraw	Shrubland/Chaparral	G2
<i>Ribes canthariforme</i>	Moreno Currant	Shrubland/Chaparral	G2
<i>Arctostaphylos rainbowensis</i>	Rainbow Manzanita	Shrubland/Chaparral	G2
<i>Muilla clevelandii</i>	San Diego Goldenstar	Shrubland/Chaparral	G2
<i>Ribes viburnifolium</i>	Santa Catalina Island Currant	Shrubland/Chaparral	G2
<i>Perognathus alticola</i>	White-eared Pocket Mouse	Shrubland/Chaparral	G2
<i>Pogogyne nudiuscula</i>	Otay Manzanita	Temporary Pools	G1
<i>Streptocephalus woottoni</i>	Riverside Fairy Shrimp	Temporary Pools	G1
<i>Brodiaea orcuttii</i>	Orcutt's Brodiaea	Temporary Pools	G2
<i>Branchinecta sandiegonensis</i>	San Diego Fairy Shrimp	Temporary Pools	G2
<i>Navarretia fossalis</i>	Spreading Navarretia	Temporary Pools	G2
<i>Diplectrona californica</i>	California Diplectronan Caddisfly	Wetland	G1
<i>Calystegia felix</i>	Lucky Morning Glory	Wetland	G1
<i>Tryonia imitator</i>	Mimic Tryonia	Wetland	G2

*Species links provided when available



All management recommendations assume that operators and land managers are following all applicable BMPs, laws, and regulations.