



3.2 Focal Species

Table 3-1 shows the 28 selected focal species and three focal OCEs and describes the justification for selection based on the considerations described above.

Table 3-1. Focal Species and Focal Other Conservation Elements and Justification for Selection

Common Name	Scientific Name	Special Status	Region	Natural Community (Modified from CWHR types)	Additional Information
Focal Wildlife Species					
burrowing owl	<i>Athene cunicularia</i>	SSC	All	Agriculture, Annual Grassland, Coastal Scrub, Valley Oak Woodland	Steeply declining
California brackish water snail	<i>Tryonia imitator</i>	G2S2	CS	Saline Emergent Wetland	Only species of brackish marshes
California condor	<i>Gymnogyps californianus</i>	FE, SE	BSC, GBP	Closed-Cone Pine-Cypress, Montane Hardwood, Coastal Scrub, Rocky Outcroppings	Major relocation area
California newt	<i>Taricha torosa</i>	SSC	BSC, ICR, MICR	Coastal Oak Woodland, Blue Oak Woodland, Coastal Scrub, Fresh Emergent Wetland, Riparian	Coast live oak woodland species
California red-legged frog	<i>Rana draytonii</i>	FT	All	Freshwater Emergent Wetland, Coastal Oak Woodland, Valley Oak Woodland, Annual Grassland	Successful conservation measures in practice
California tiger salamander	<i>Ambystoma californiense</i>	FT, ST	SV, GBP, ICR	Freshwater Emergent Wetland, Valley Oak Woodland, Mixed Chaparral, Annual Grassland, Vernal Pool	Monterey County is epicenter for hybridization with invasive barred tiger salamander
coast horned lizard	<i>Phrynosoma blainvillii</i>	SSC	MB, ICR, MICR, OCR	Coastal Dune, Coastal Scrub, Mixed Chaparral, Montane Chaparral	Steeply declining on coast
foothill yellow-legged frog	<i>Rana boylei</i>	SC	GBP, OCR	Riverine, Riparian	Endemic genetic clade
Monarch butterfly	<i>Danaus plexippus</i> pop. 1	None	MB, MP, BSC	Montane Hardwood, Closed-Cone Pine-Cypress	Occurs on native Monterey Pine in Monterey County



Common Name	Scientific Name	Special Status	Region	Natural Community (Modified from CWHR types)	Additional Information
mountain lion	<i>Puma concolor</i>	Special Protection	All	All	Umbrella species for corridors
pallid bat	<i>Antrozous pallidus</i>	SSC	All	All	Surrogate for other bat species
San Joaquin kit fox	<i>Vulpes macrotis mutica</i>	FE, ST	SAV, MICR	Annual Grasslands, Valley Oak Woodland, Blue Oak Woodland	Currently restricted to the southern part of the county, but is anticipated to re-colonize former range
Santa Cruz long-toed salamander	<i>Ambystoma macrodactylum croceum</i>	FT, ST	MB, SR	Freshwater Emergent Wetland, Coniferous Forest, Agriculture	Near-endemic to Monterey County
Smith's blue butterfly	<i>Euphilotes enoptes smithi</i>	FE	MB, MP, BSC	Coastal Scrub, Perennials Grasslands, Mixed Chaparral, Coastal Dune	Near-endemic to Monterey County
southern sea otter	<i>Enhydra lutris neries</i>	FT	MB, MP, BSC	Marine, Estuarine	Only marine species
Steelhead (South-Central California Coast steelhead Distinct Population Segment)	<i>Oncorhynchus mykiss irideus</i>	FT	SR, CR, NR, PR	River, Riparian	Near endemic to Monterey County
Tidewater goby	<i>Eucyclogobius newberryi</i>	FE, SSC	MB, SR, PR	Saline Emergent Wetland, Estuarine	Unique coastal and estuarine habitats
tricolored blackbird	<i>Agelaius tricolor</i>	ST	All	Freshwater Emergent Wetland, Agriculture, Annual Grassland	Steeply declining
vernal pool fairy shrimp	<i>Branchinecta lynchi</i>	FE	ICR, SAV	Vernal Pool	Only vernal pool invertebrate
western snowy plover	<i>Charadrius alexandrinus nivosus</i>	FE	MB	Coastal Dune, Coastal Scrub	Only coastal strand animal
Focal Plant Species					
Carmel Valley bush mallow	<i>Malacothrix palmeri</i>	CRPR 1B.2	CV, ICR, MICR, OCR	Coastal Scrub, Interior Chaparral	Representative of interior chaparral, and Carmel Valley
Lemmon's jewelflower	<i>Caulanthus lemmonii</i>	CRPR 1B.2	ICR, SAV, SM, GPB	Annual Grassland, Perennial Grasslands	Representative of native grassland areas



Common Name	Scientific Name	Special Status	Region	Natural Community (Modified from CWHR types)	Additional Information
Hickman's onion	<i>Allium hickmanii</i>	CRPR 1B.2	MP, ICR, CV, BSC	Wet Meadow, Mixed Chaparral, Closed-Cone Pine-Cypress	Near-endemic to Monterey County
Monterey gilia	<i>Gilia tenuiflora</i> ssp. <i>arenaria</i>	FE, ST, CRPR 1B.2	MB	Mixed Chaparral, Coastal Dune, Coastal Scrub	Endemic State and federally listed species
Monterey spineflower	<i>Chorizanthe pungens</i> var. <i>pungens</i>	FT, CRPR 1B.2	MB, ICR	Coastal Dune, Coastal Scrub, Mixed Chaparral	Near-endemic to Monterey County
Pajaro manzanita	<i>Arctostaphylos pajaroensis</i>	CRPR 1B.1	PR, GBR, MB, OCR, ICR, SV	Mixed Chaparral, Interior Chaparral	Near-endemic to Monterey County; unique habitat on sandstone chaparral
seaside bird's-beak	<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i>	SE, CRPR 1B.1	MB, OCR	Mixed Chaparral, Coastal Dune	Near-endemic to Monterey County
Yadon's rein orchid	<i>Piperia yadonii</i>	FE, CRPR 1B.1	MP, GBR	Mixed Chaparral, Closed-Cone Pine-Cypress, Coastal Oak Woodland	Endemic to Monterey County
Other Conservation Elements					
California sycamore woodlands	<i>Platanus racemosa</i> Alliance	S3	BSC, CV, CR, GBP, ICR, MICR, NR, OCR, SAR, SAV, SR	Freshwater Emergent Wetland, Riparian	Sensitive community representing riparian areas
Monterey pine forest	<i>Pinus muricata</i> - <i>Pinus radiata</i> Alliance	S3	MP, CV	Closed-Cone Pine-Cypress	Sensitive community representing fully endemic habitat within Monterey County
Valley oak woodland	<i>Pinus muricata</i> - <i>Pinus radiata</i> Alliance	S3	All	Valley Oak Woodland	Sensitive community representing fully endemic habitat in Monterey County



Notes for Table 3-1

Listing Status

E	=	Federally Endangered
FT	=	Federally Threatened
SE	=	State Endangered
ST	=	State Threatened
SSC	=	State Species of Special Concern
CRPR	=	California Native Plant Rank
1B.1	=	seriously threatened in California and elsewhere (over 80% of occurrences threatened)
1B.2	=	moderately threatened in California and elsewhere (20-80% of occurrences are threatened).
IUCN NT	=	International Union for Conservation of Nature status of "Near Threatened"

Regions

All	=	All terrestrial regions
BSC	=	Big Sur Coast Line
CV	=	Carmel Valley
CS	=	Coastal Strand
CR	=	Carmel River
GBP	=	Gabilan Range and Pinnacles National Monument
ICR	=	Inner Coast Range
MB	=	Monterey Bay Coastline
MICR	=	Mid Inner Coast Range
MP	=	Monterey Peninsula to Pt. Lobos
NR	=	Nacimiento River
OCR	=	Outer Coast Ranges
PR	=	Pajaro River
SAR	=	San Antonio River
SAV	=	San Antonio Valley
SLR	=	Santa Lucia Range
SLV	=	Salinas Valley
SM	=	Stockdale Mountain
SR	=	Salinas River and Associated Corridor