

Appendix L. Biological Resources

Federally Listed Species

Species that are federally listed, proposed for listing, or candidates for listing under the ESA are shown in Table L-1, along with current conservation status, presence of designated critical habitat within the Planning Area (on BLM surface, split estate, and non-BLM lands), and known occurrence within the Planning Area (on BLM surface, split estate, and non-BLM lands). A brief description of many of these species can be found in Appendix E of the HFO RMP FEIS (BLM, 2006).

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|--|---------------------------------|------------------|--------------|---------|--|
| | | BLM Surface | Split Estate | Non-BLM | |
| INVERTEBRATES: CRUSTACEANS | | | | | |
| Conservancy fairy shrimp <i>Branchinecta conservatio</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land May occur area-wide |
| Longhorn fairy shrimp <i>Branchinecta longiantenna</i> | Fed: END BLM: none CA: SA | | | x | Non-BLM land San Joaquin Management Area May occur area-wide |
| Vernal pool fairy shrimp <i>Branchinecta lynchi</i> | Fed: THR BLM: none CA: SA | x | x | x | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Vernal pool tadpole shrimp <i>Lepidurus packardii</i> | Fed: END BLM: none CA: SA | | | x | Non-BLM land San Joaquin Management Area |
| INVERTEBRATES: INSECTS | | | | | |
| Bay checkerspot butterfly <i>Euphydryas editha bayensis</i> | Fed: THR BLM: none CA: SA | | | x | Split estate, non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |
| Callippe silverspot butterfly <i>Speyeria callippe callippe</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land San Joaquin Management Area |
| Mission blue butterfly <i>Plebejus icarioides missionensis</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land San Joaquin Management Area |
| Mount Hermon June beetle <i>Polyphylla barbata</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land Central Coast Management Area |
| Myrtle's silverspot butterfly <i>Speyeria zerene myrtleae</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land San Joaquin Management Area |
| Ohlone tiger beetle <i>Cicindela ohlone</i> | Fed: END BLM: none CA: SA | | | | Non-BLM land Central Coast Management Area |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|--|--|------------------|--------------|---------|---|
| | | BLM Surface | Split Estate | Non-BLM | |
| San Bruno elfin butterfly <i>Callophrys [Incisalia] mossii bayensis</i> | Fed: END BLM: none CA: SA | | | | Split estate, non-BLM land San Joaquin Management Area |
| Smith's blue butterfly <i>Euphilotes enoptes smithi</i> | Fed: END BLM: none CA: SA | | | | BLM surface, split estate, non-BLM land Central Coast and Salinas Management Areas |
| Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i> | Fed: THR BLM: none CA: SA | | | | Non-BLM land San Joaquin Management Area |
| Zayante band-winged grasshopper <i>Trimerotropis infantilis</i> | Fed: END BLM: none CA: SA | | | x | Non-BLM land Central Coast Management Area |
| FISH | | | | | |
| Coho salmon – central coast ESU <i>Oncorhynchus kisutch</i> | Fed: END BLM: none CA: END | | | | BLM surface, split estate, non-BLM land Central Coast Management Area |
| Delta smelt <i>Hypomesus transpacificus</i> | Fed: THR BLM: none CA: END | | x | x | Non-BLM land San Joaquin Management Area |
| Longfin smelt <i>Spirinchus thaleichthys</i> Note: Federal Candidate status is for the San Francisco Bay-Delta DPS | Fed: Cand BLM: none CA: THR, SSC | | | | Non-BLM land San Joaquin Management Area |
| Steelhead – central coast DPS <i>Oncorhynchus mykiss irideus</i> | Fed: THR BLM: none CA: SA | | | x | BLM surface, split estate, non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |
| Steelhead – south/central coast DPS <i>Oncorhynchus mykiss irideus</i> | Fed: THR BLM: none CA: SSC | | | x | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Tidewater goby <i>Eucyclogobius newberryi</i> | Fed: END BLM: none CA: SSC | | | x | Non-BLM land Central Coast and San Joaquin Management Areas |
| AMPHIBIANS | | | | | |
| Arroyo toad <i>Anaxyrus californicus</i> | Fed: END BLM: none CA: SSC | | | | Non-BLM land Salinas Management Area |
| California red-legged frog <i>Rana aurora draytonii</i> | Fed: THR BLM: none CA: SSC | x | x | x | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|---|---------------------------------------|------------------|--------------|---------|---|
| | | BLM Surface | Split Estate | Non-BLM | |
| California tiger salamander (Central Valley Distinct Population Segment) <i>Ambystoma californiense</i> | Fed: THR BLM: none CA: THR, SSC | x | x | x | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Santa Cruz long-toed salamander <i>Ambystoma macrodactylum croceum</i> | Fed: END BLM: none CA: END, FP | | | | Non-BLM land Central Coast Management Area |
| REPTILES | | | | | |
| Alameda whipsnake (striped racer) <i>Masticophis lateralis euryxanthus</i> | Fed: THR BLM: none CA: THR | | x | x | Split estate, non-BLM land San Joaquin Management Area |
| Blunt-nosed leopard lizard <i>Gambelia sila</i> | Fed: END BLM: none CA: END, FP | | | | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Giant garter snake <i>Thamnophis gigas</i> | Fed: THR BLM: none CA: THR | | | | Non-BLM land San Joaquin Management Area |
| San Francisco garter snake <i>Thamnophis sirtalis tetrataenia</i> | Fed: END BLM: none CA: END, FP | | | | Split estate, non-BLM land Central Coast and San Joaquin Management Areas |
| BIRDS | | | | | |
| California condor <i>Gymnogyps californianus</i> | Fed: END BLM: none CA: END, FP | | | | Split estate, non-BLM land San Benito Management Area |
| California least tern <i>Sternula antillarum browni</i> | Fed: END BLM: none CA: END, FP | | | | Non-BLM land San Joaquin Management Area |
| Least Bell's vireo <i>Vireo bellii pusillus</i> | Fed: END BLM: none CA: END | | | | Split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Marbled murrelet <i>Brachyramphus marmoratus</i> | Fed: THR BLM: none CA: END | | x | x | Non-BLM land Central Coast Management Area |
| Ridgway's (California clapper) rail <i>Rallus longirostris obsoletus</i> | Fed: END BLM: none CA: END, FP | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Western snowy plover <i>Charadrius alexandrinus nivosus</i> | Fed: THR, BCC BLM: none CA: SSC | | | x | BLM surface, non-BLM land Central Coast and San Joaquin Management Areas |
| Western yellow-billed cuckoo <i>Coccyzus americanus occidentales</i> | Fed: THR, BCC BLM: S CA: END | | | | Non-BLM land San Benito Management Area |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|--|---|------------------|--------------|---------|---|
| | | BLM Surface | Split Estate | Non-BLM | |
| MAMMALS | | | | | |
| Giant kangaroo rat <i>Dipodomys ingens</i> | Fed: END BLM: none CA: END | | | | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Guadalupe fur seal <i>Arctocephalus townsendi</i> | Fed: THR, MMPA BLM: none CA: THR, FP | | | | Unknown occurrence in the Planning Area, known from Farallon Islands in San Francisco County |
| Salt-marsh harvest mouse <i>Reithrodontomys raviventris</i> | Fed: END BLM: none CA: END, FP | | | | Non-BLM land San Joaquin Management Area |
| San Joaquin kit fox <i>Vulpes macrotis mutica</i> | Fed: END BLM: none CA: THR | | | | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Southern sea otter <i>Enhydra lutris nereis</i> | Fed: THR, MMPA BLM: none CA: FP | | | | Unknown occurrence in the Planning Area, species is known from Marin County |
| Tipton kangaroo rat <i>Dipodomys nitratooides nitratooides</i> | Fed: END BLM: none CA: END | | | | Non-BLM land San Joaquin Management Area |
| PLANTS | | | | | |
| Antioch Dunes evening-primrose <i>Oenothera deltoides ssp. howellii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | x | Non-BLM land San Joaquin Management Area |
| Beach layia <i>Layia carnosa</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |
| Ben Lomond spineflower <i>Chorizanthe pungens var. hartwegiana</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |
| Butano Ridge cypress <i>Hesperocyparis abramsiana var. butanoensis</i> | Fed: END BLM: none CA: END, CRPR 1B.2 | | | | Split estate, non-BLM land Central Coast Management Area |
| California jewelflower <i>Caulanthus californicus</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| California seablite <i>Suaeda californica</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Coastal dunes milk-vetch <i>Astragalus tener var. titi</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name Scientific name | Status | Critical Habitat | | | Occurrence |
|---|--|------------------|--------------|---------|---|
| | | BLM Surface | Split Estate | Non-BLM | |
| Contra Costa goldfields <i>Lasthenia conjugens</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | x | BLM surface, non-BLM land Central Coast and San Joaquin Management Areas |
| Contra Costa wallflower <i>Erysimum capitatum ssp. angustatum</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | x | Non-BLM land San Joaquin Management Area |
| Coyote ceanothus <i>Ceanothus ferrisiae</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Crystal Springs fountain thistle <i>Cirsium fontinale var. fontinale</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Franciscan manzanita <i>Arctostaphylos franciscana</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Gowen cypress <i>Hesperocyparis (Cupressus) goveniana</i> | Fed: THR BLM: none CA: CRPR 1B.2 | | | | Non-BLM land Central Coast Management Area |
| Hickman's cinquefoil <i>Potentilla hickmanii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Large-flowered fiddleneck <i>Amsinckia grandiflora</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | x | Split estate, non-BLM land San Joaquin Management Area |
| Marin western (dwarf) flax <i>Hesperolinon congestum</i> | Fed: THR BLM: none CA: THR, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Marsh sandwort <i>Arenaria paludicola</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Menzies's wallflower <i>Erysimum menziesii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |
| Metcalf Canyon jewel-flower <i>Streptanthus glandulosus</i> subsp. <i>albidus</i> [= <i>Streptanthus albidus</i> ssp. <i>albidus</i>] | Fed: END BLM: S CA: CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Mexican flannelbush <i>Fremontodendron mexicanum</i> | Fed: END BLM: none CA: Rare, CRPR 1B.1 | | | | Not known from planning area; erroneously reported from non- BLM land in Salinas Management Area |
| Monterey clover <i>Trifolium trichocalyx</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|--|---|------------------|--------------|---------|---|
| | | BLM Surface | Split Estate | Non-BLM | |
| Monterey spineflower <i>Chorizanthe pungens var. pungens</i> | Fed: THR BLM: none CA: CRPR 1B.2 | | | x | BLM surface, non-BLM land Central Coast and Salinas Management Areas |
| Pallid manzanita <i>Arctostaphylos pallida</i> | Fed: THR BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Palmate-bracted salty bird's-beak <i>Chloropyron palmatum</i> (<i>Cordylanthus palmatus</i>) | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Presidio clarkia <i>Clarkia franciscana</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| Presidio (San Francisco) manzanita <i>Arctostaphylos montana ssp. ravenii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | x | Non-BLM land San Joaquin Management Area |
| Robust spineflower <i>Chorizanthe robusta var. robusta</i> | Fed: END BLM: S CA: CRPR 1B.1 | | | x | Non-BLM land Salinas, Central Coast, and San Joaquin Management Areas |
| San Benito evening-primrose <i>Camissonia benitensis</i> | Fed: THR BLM: none CA: CRPR 1B.1 | | | | BLM surface, split estate, non- BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Sand gilia (Monterey gilia) <i>Gilia tenuiflora ssp. arenaria</i> | Fed: END BLM: none CA: THR, CRPR 1B.2 | | | | BLM surface, non-BLM land Central Coast Management Area |
| San Francisco lessingia <i>Lessingia germanorum</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land San Joaquin Management Area |
| San Joaquin woollythreads <i>Monolopia congdonii</i> | Fed: END BLM: none CA: CRPR 1B.2 | | | | BLM surface, split estate, non- BLM land San Joaquin Management Area |
| San Mateo thorn-mint <i>Acanthomintha duttonii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| San Mateo woolly sunflower <i>Eriophyllum latilobum</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Santa Clara Valley dudleya <i>Dudleya abramsii ssp. setchellii</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Santa Cruz cypress <i>Hesperocyparis (Cupressus)</i> <i>abramsiana var. abramsiana</i> | Fed: END BLM: none CA: END, CRPR 1B.2 | | | | Non-BLM land Central Coast Management Area |

Table L-1. Federally Listed Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Critical Habitat | | | Occurrence |
|--|--|------------------|--------------|---------|--|
| | | BLM Surface | Split Estate | Non-BLM | |
| Santa Cruz tarplant <i>Holocarpha macradenia</i> | Fed: THR BLM: none CA: END, CRPR 1B.1 | | | x | Non-BLM land Central Coast and San Joaquin Management Areas |
| Santa Cruz wallflower <i>Erysimum teretifolium</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |
| Santa Lucia purple amole <i>Chlorogalum purpureum</i> var. <i>purpureum</i> | Fed: THR BLM: none CA: CRPR 1B.1 | | | x | Split estate, non-BLM land Salinas Management Area |
| Scott's Valley polygonum <i>Polygonum hickmanii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | x | Non-BLM land Central Coast Management Area |
| Scott's Valley spineflower <i>Chorizanthe robusta</i> var. <i>hartwegii</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | x | Non-BLM land Central Coast Management Area |
| Showy rancheria clover <i>Trifolium amoenum</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | | Non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| Soft salty bird's-beak <i>Chloropyron (Cordylanthus) molle</i> <i>ssp. molle</i> | Fed: END BLM: none CA: Rare, CRPR 1B.2 | | | x | Non-BLM land San Joaquin Management Area |
| Tiburon paintbrush <i>Castilleja affinis</i> var. <i>neglecta</i> | Fed: END BLM: none CA: THR, CRPR 1B.2 | | | | Non-BLM land San Joaquin Management Area |
| Tidestrom's lupine <i>Lupinus tidestromii</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast Management Area |
| White-rayed pentachaeta <i>Pentachaeta bellidiflora</i> | Fed: END BLM: none CA: END, CRPR 1B.1 | | | | Non-BLM land Central Coast and San Joaquin Management Areas |
| Yadon's rein orchid <i>Piperia yadonii</i> | Fed: END BLM: none CA: CRPR 1B.1 | | | x | Non-BLM land Central Coast and Salinas Management Areas |

Sources: BLM (2006), CNPS (2015a), and CDFW (2015a, 2015b, 2015c), with additional information from Calflora (2015). Occurrence within Planning Area is based on CDFW (2015c), Calflora (2015), BLM (2006), and updates from BLM staff.

Status Codes

U.S. Fish and Wildlife Service (FED) Designations:

- END:** Federally listed, endangered.
- THR:** Federally listed, threatened.
- Cand:** Candidate for listing.
- Delisted:** Removed from Federal listing.
- BGEPA:** Bald and Golden Eagle Protection Act.
- BCC:** Bird of Conservation Concern.
- SC:** Species of Concern. The Sacramento USFWS Office does not maintain a Species of Concern list. However, the RMP FEIS (BLM, 2006) listed several species with this designation and it has been retained here for consistency with that document.

National Oceanic and Atmospheric Administration Fisheries (FED) Designations:

- MMPA:** Marine Mammal Protection Act.

Bureau of Land Management (BLM) Designations

S: BLM sensitive species. BLM sensitive species status based on BLM, 2010, 2013a, 2013b; CDFW, 2015a, 2015b.

California Department of Fish and Wildlife (CA) Designations:

END: State listed, endangered.

THR: State listed, threatened.

Cand: Candidate for listing.

Delisted: Removed from State listing.

CSC: Species of Special Concern: Considered vulnerable to extinction due to declining numbers, limited geographic ranges, or ongoing threats.

FP: Fully protected. May not be taken except as authorized by CDFW through terms of a Natural Community Conservation Plan.

SA: Special Animal: An animal species that is tracked in the CNDDDB, but has no other status at the State or Federal level.

WL: Watch list.

PFM: Protected fur-bearing mammal.

Rare: Rare plant listed under the Native Plants Protection Act.

California Rare Plant Rank (CRPR) designation

1A Plants presumed extinct in California.

1B Plants rare, threatened, or endangered in California and elsewhere.

2B Plants rare, threatened, or endangered in California, but more common elsewhere.

3 Plants about which we need more information – a review list.

4 Plants of limited distribution – a watch list.

.1 Seriously threatened in California (high degree/immediacy of threat).

.2 Fairly threatened in California (moderate degree/immediacy of threat).

.3 Not very threatened in California (low degree/immediacy of threats or no current threats known).

Other Special Status Species

Table L-2 provides current conservation status and occurrence within the Planning Area for special status species that are not federally listed. A brief description of many of these species can be found in Appendix E of the RMP FEIS (BLM, 2006).

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|----------------------------------|--|
| INVERTEBRATES: CRUSTACEANS | | |
| Western fairy shrimp (California linderiella) <i>Linderiella occidentalis</i> | Fed: SC BLM: none CA: SA | BLM surface, non-BLM land May occur area-wide |
| INVERTEBRATES: INSECTS | | |
| Ciervo aegialian scarab beetle <i>Aegialia concinna</i> | Fed: SC BLM: S CA: SA | BLM surface, non-BLM land San Joaquin Management Area |
| Doyen's dune weevil <i>Trigonoscuta sp.</i> | Fed: SC BLM: none CA: SA | Non-BLM land Central Coast and San Joaquin Management Area |
| Molstan blister beetle <i>Lytta molesta</i> | Fed: SC BLM: none CA: SA | Split estate, non-BLM land San Joaquin Management Area |
| Monarch – California overwintering population <i>Danaus plexippus</i> | Fed: none BLM: none CA: SA | Split estate, non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name | Status | Occurrence |
|--|---|--|
| Scientific name | | |
| Morrison's blister beetle <i>Lytta morrisoni</i> | Fed: SC BLM: none CA: SA | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| San Joaquin dune beetle <i>Coelus gracilis</i> | Fed: SC BLM: S CA: SA | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| AMPHIBIANS | | |
| Foothill yellow-legged frog <i>Rana boylei</i> | Fed: SC BLM: S CA: Cand. | BLM surface, split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| Western spadefoot toad <i>Spea hammondi</i> | Fed: SC BLM: S CA: SSC | Split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| REPTILES | | |
| Black (California) legless lizard <i>Anniella pulchra nigra</i> | Fed: none BLM: none CA: SSC | Split estate, non-BLM land Salinas and Central Coast Management Areas |
| Coast horned lizard <i>Phrynosoma blainvillii</i> | Fed: none BLM: S CA: SSC | BLM surface, split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| San Joaquin whipsnake <i>Masticophis flagellum ruddocki</i> | Fed: none BLM: none CA: SSC | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Silvery legless lizard <i>Anniella pulchra pulchra</i> | Fed: none BLM: none CA: SSC | BLM surface, non-BLM land Central Coast, San Benito, Salinas, and San Joaquin Management Areas |
| Two-striped garter snake <i>Thamnophis hammondi</i> | Fed: none BLM: S CA: SSC | BLM surface, non-BLM land Central Coast, San Benito, Salinas, and San Joaquin Management Areas |
| Western pond turtle <i>Emys marmorata</i> | Fed: none BLM: S CA: SSC | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Joaquin, and San Benito Management Areas |
| BIRDS | | |
| Alameda song sparrow <i>Melospiza melodia pusillula</i> | Fed: BCC BLM: none CA: SSC | Split estate, non-BLM land San Joaquin Management Area |
| American peregrine falcon <i>Falco peregrinus anatum</i> | Fed: Delisted, BCC BLM: none CA: Delisted, FP | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Bald eagle <i>Haliaeetus leucocephalus</i> | Fed: Delisted, BGEPA, BCC BLM: S CA: END, FP | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Bank swallow <i>Riparia riparia</i> | Fed: none BLM: S CA: THR | Split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|--|--|
| Bell's sage sparrow <i>Artemisiospiza belli ssp. belli</i> | Fed: BCC BLM: none CA: WL | BLM surface, split estate, non-BLM land San Benito Management Area |
| Burrowing owl <i>Athene cunicularia</i> | Fed: BCC BLM: S CA: SSC | BLM surface, split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| California black rail <i>Laterallus jamaicensis coturniculus</i> | Fed: BCC BLM: S CA: THR, FP | Non-BLM land Central Coast and San Joaquin Management Areas |
| California brown pelican <i>Pelecanus occidentalis californicus</i> | Fed: Delisted BLM: S CA: Delisted, FP | Non-BLM land Central Coast Management Area |
| Ferruginous hawk <i>Buteo regalis</i> | Fed: BCC BLM: none CA: WL | Split estate, non-BLM land Central Coast and San Joaquin Management Areas Potential to occur area-wide |
| Golden eagle <i>Aquila chrysaetos</i> | Fed: BGEPA, BCC BLM: S CA: WL, FP | Split estate, non-BLM land May occur area-wide |
| Grasshopper sparrow <i>Ammodramus savannarum</i> | Fed: none BLM: none CA: SSC | Non-BLM land Central Coast Management Area |
| LeConte's thrasher <i>Toxostoma lecontei</i> | Fed: BCC BLM: S CA: SSC BLM S and CA SSC status only for San Joaquin ssp. <i>T.l. macmillanorum</i> | Non-BLM land San Joaquin Management Area |
| Loggerhead shrike <i>Lanius ludovicianus</i> | Fed: BCC BLM: none CA: SSC | Non-BLM land San Joaquin Management Area Potential to occur area-wide |
| Long-eared owl <i>Asio otus</i> | Fed: none BLM: none CA: SSC | Non-BLM land Central Coast, San Benito, and San Joaquin Management Areas Potential to occur area-wide |
| Mountain plover <i>Charadrius montanus</i> | Fed: BCC BLM: S CA: SSC | Non-BLM land San Joaquin Management Area |
| Northern harrier <i>Circus cyaneus</i> | Fed: none BLM: none CA: SSC | Split estate, non-BLM land Salinas, San Benito, San Joaquin Management Areas Potential to occur area-wide |
| Osprey <i>Pandion haliaetus</i> | Fed: none BLM: none CA: WL | Non-BLM land Central Coast Management Area Potential to occur area-wide |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name Scientific name | Status | Occurrence |
|--|------------------------------------|--|
| Prairie falcon <i>Falco mexicanus</i> | Fed: BCC BLM: none CA: WL | BLM surface, split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| Rhinoceros auklet <i>Cerorhinca monocerata</i> | Fed: none BLM: none CA: WL | Non-BLM land Central Coast and Salinas Management Areas |
| Sharp-shinned hawk <i>Accipiter striatus</i> | Fed: none BLM: none CA: WL | Non-BLM land San Benito and San Joaquin Management Areas Potential to occur area-wide |
| Short-eared owl <i>Asio flammeus</i> | Fed: none BLM: none CA: SSC | Non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |
| Swainson's hawk <i>Buteo swainsoni</i> | Fed: BCC BLM: S CA: THR | Split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| Tri-colored blackbird <i>Agelaius tricolor</i> | Fed: BCC BLM: S CA: END, SSC | Split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas Potential to occur area-wide |
| White-tailed kite <i>Elanus leucurus</i> | Fed: none BLM: S CA: FP | Split estate, non-BLM land Central Coast, San Benito, and San Joaquin Management Areas |
| Willow flycatcher <i>Empidonax traillii</i> | Fed: BCC BLM: none CA: END | Non-BLM land Potential to occur area-wide |
| Yellow-breasted chat <i>Icteria virens</i> | Fed: none BLM: none CA: SSC | Non-BLM land San Benito Management Area Potential to occur area-wide |
| Yellow warbler <i>Setophaga (Dendroica) petechia</i> | Fed: BCC BLM: none CA: SSC | Non-BLM land Salinas and San Joaquin Management Areas Potential to occur area-wide |
| MAMMALS | | |
| American badger <i>Taxidea taxus</i> | Fed: none BLM: none CA: SSC | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Big-eared kangaroo rat <i>Dipodomys venustus elephantinus</i> | Fed: none BLM: none CA: SSC | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Fringed myotis <i>Myotis thysanoides</i> | Fed: none BLM: S CA: SA | Non-BLM land San Benito and San Joaquin Management Areas Potential to occur area-wide |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|---|--------------------------------------|---|
| Hoary bat <i>Lasiurus cinereus</i> | Fed: none BLM: none CA: SA | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Long-eared myotis <i>Myotis evotis</i> | Fed: none BLM: S CA: SA | Non-BLM land San Benito and San Joaquin Management Areas Potential to occur area-wide |
| Monterey dusky-footed woodrat <i>Neotoma macrotis luciana</i> | Fed: none BLM: none CA: SSC | BLM surface, split estate, non-BLM land Salinas and San Benito Management Areas |
| Northern elephant seal <i>Mirounga angustirostris</i> | Fed: MMPA BLM: none CA: FP | Unknown occurrence in the Planning Area, species is not tracked by CNDDDB but range includes the central coast |
| Pallid bat <i>Antrozous pallidus</i> | Fed: none BLM: S CA: SSC | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Ringtail (ring-tailed cat) <i>Bassariscus astutus</i> | Fed: none BLM: none CA: FP | Unknown occurrence in the Planning Area, species is not tracked by CNDDDB but range includes most of California Potential to occur area-wide |
| San Francisco dusky-footed woodrat <i>Neotoma fuscipes annectens</i> | Fed: none BLM: none CA: SSC | Non-BLM land Central Coast and San Joaquin Management Areas |
| San Joaquin (Nelson's) antelope squirrel <i>Ammospermophilus nelsoni</i> | Fed: SC BLM: S CA: THR | BLM surface, split estate, non-BLM land San Joaquin and San Benito Management Areas |
| San Joaquin pocket mouse <i>Perognathus inornatus inornatus</i> | Fed: none BLM: S CA: SA | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Short-nosed kangaroo rat <i>Dipodomys nitratoides brevinasus</i> | Fed: none BLM: S CA: SSC | BLM surface, non-BLM land San Joaquin Management Area |
| Townsend's big-eared bat <i>Corynorhinus townsendii</i> | Fed: none BLM: S CA: Cand, SSC | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Tulare grasshopper mouse <i>Onychomys torridus tularensis</i> | Fed: none BLM: S CA: SSC | BLM surface, split estate, non-BLM land San Joaquin and San Benito Management Areas |
| Western mastiff bat <i>Eumops perotis californicus</i> | Fed: none BLM: S CA: SSC | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas Potential to occur area-wide |
| Western small-footed myotis <i>Myotis ciliolabrum</i> | Fed: none BLM: S CA: SA | Non-BLM land San Benito Management Area Potential to occur area-wide |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name | Status | Occurrence |
|---|--|--|
| Scientific name | | |
| Yuma myotis <i>Myotis yumanensis</i> | Fed: none BLM: S CA: SA | Non-BLM land Central Coast, San Benito, and San Joaquin Management Areas Potential to occur area-wide |
| PLANTS | | |
| Abbott's bush-mallow <i>Malacothamnus abbottii</i> | Fed: none BLM: S CA: CRPR 1B.1 | Split estate, non-BLM land Salinas Management Area |
| Adobe sanicle <i>Sanicula maritima</i> | Fed: none BLM: S CA: Rare, CRPR 1B.1 | Non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |
| Anderson's manzanita <i>Arctostaphylos andersonii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast Management Area |
| Arburua Ranch jewelflower <i>Streptanthus insignis ssp. lyonii</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Arcuate bush-mallow <i>Malacothamnus arcuatus</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast Management Area |
| Arroyo de la Cruz manzanita <i>Arctostaphylos cruzensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Arroyo Seco bush mallow <i>Malacothamnus palmeri var. lucianus</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast and Salinas Management Areas |
| Bay buckwheat <i>Eriogonum umbellatum var. bahiiforme</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Benito and San Joaquin Management Areas |
| Brandegee's eriastrum <i>Eriastrum brandegeeeae</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface San Benito Management Area |
| Brewer's clarkia <i>Clarkia breweri</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Brewer's western flax <i>Hesperolinon breweri</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Bristlecone fir <i>Abies bracteata</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land Salinas Management Area |
| Butterworth's buckwheat <i>Eriogonum butterworthianum</i> | Fed: none BLM: S CA: Rare, CRPR 1B.3 | Non-BLM land Salinas Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|---|--|
| California androsace <i>Androsace elongata</i> ssp. <i>acuta</i> | Fed: none BLM: none CA: CRPR 4.2 | Split estate, non-BLM land San Joaquin Management Area |
| Carlotta Hall's lace fern <i>Aspidotis carlotta-halliae</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| Carmel Valley bush mallow <i>Malacothamnus palmeri</i> var. <i>involucratus</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Central Coast and Salinas Management Areas |
| Carmel Valley cliffaster <i>Malacothrix saxatilis</i> var. <i>arachnoidea</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast, Salinas, and San Benito Management Areas |
| Chaparral harebell <i>Campanula exigua</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Chaparral ragwort <i>Senecio aphanactis</i> | Fed: none BLM: none CA: CRPR 2B.2 | BLM surface, non-BLM land San Joaquin Management Area |
| Clay buckwheat <i>Eriogonum argillosum</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Cleveland's milk-vetch <i>Astragalus clevelandii</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land Clear Creek Management Area |
| Club-haired mariposa lily <i>Calochortus clavatus</i> var. <i>clavatus</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface San Joaquin Management Area |
| Coast wallflower <i>Erysimum ammophilum</i> | Fed: none BLM: S CA: CRPR 1B.2 | Non-BLM land Central Coast Management Area |
| Coastal triquetrella <i>Triquetrella californica</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Congdon's tarplant <i>Centromadia (Hemizonia) parryi</i> ssp. <i>congdonii</i> | Fed: none BLM: S CA: CRPR 1B.1 | Non-BLM land Central Coast, Salinas, and San Joaquin Management Areas |
| Crownscale <i>Atriplex coronata</i> var. <i>coronata</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, non-BLM land San Joaquin Management Area |
| Davidson's bush-mallow <i>Malacothamnus davidsonii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Delicate bluecup <i>Githopsis tenella</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land Salinas Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|---|---|---|
| Delta button-celery <i>Eryngium racemosum</i> | Fed: none BLM: S CA: END, CRPR 1B.1 | Non-BLM land San Joaquin Management Area |
| Diablo helianthella <i>Helianthella castanea</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Diablo Range hare-leaf <i>Lagophylla diabolensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Douglas' fiddleneck <i>Amsinckia douglasiana</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, non-BLM land San Joaquin Management Area |
| Dudley's lousewort <i>Pedicularis dudleyi</i> | Fed: none BLM: S CA: Rare, CRPR 1B.2 | Split estate, non-BLM land Central Coast and Salinas Management Areas |
| Dwarf soaproot <i>Chlorogalum pomeridianum var. minus</i> | Fed: none BLM: S CA: Rare, CRPR 1B.2 | Split estate San Joaquin Management Area |
| Eastwood's buckwheat <i>Eriogonum eastwoodianum</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land Salinas and San Joaquin Management Areas |
| Elegant wild buckwheat <i>Eriogonum elegans</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land Benito Management Area |
| Fragrant fritillary <i>Fritillaria liliacea</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast and San Joaquin Management Areas |
| Forked fiddleneck <i>Amsinckia furcata</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Joaquin and San Benito Management Areas |
| Forked hare-leaf <i>Lagophylla dichotoma</i> | Fed: none BLM: S CA: CRPR 1B.1 | Not known from planning area; occurrence formerly reported from South Coast Range reclassified as <i>L. diabolensis</i> . |
| Gabilan Mountains manzanita <i>Arctostaphylos gabilanensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, non-BLM land Salinas Management Area |
| Guirado's goldenrod <i>Solidago guiradonis</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| Gypsum-loving larkspur <i>Delphinium gypsophilum</i> | Fed: none BLM: none CA: CRPR 3.2 for <i>D.g. ssp.</i> <i>parviflorum</i> | BLM surface, non-BLM land San Joaquin Management Area |
| Hall's bush-mallow <i>Malacothamnus hallii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|--|--|
| Hall's tarplant <i>Deinandra halliana</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Hardham's bedstraw <i>Galium hardhamiae</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land Salinas Management Area |
| Hardham's evening-primrose <i>Camissoniopsis hardhamiae</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Hernandez bluecurls <i>Trichostema rubisepalum</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| Hernandez spineflower <i>Chorizanthe biloba var. immemora</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Hickman's checkerbloom <i>Sidalcea hickmanii ssp. hickmanii</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land Salinas Management Area |
| Hooked popcornflower <i>Plagiobothrys uncinatus</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas and San Benito Management Areas |
| Hooker's manzanita <i>Arctostaphylos hookeri ssp. hookeri</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast Management Area |
| Hoover's woollystar, Hoover's eriastrum <i>Eriastrum hooveri</i> | Fed: Delisted BLM: none CA: CRPR 4.2 | Non-BLM land San Joaquin Management Area |
| Hospital Canyon larkspur <i>Delphinium californicum ssp. interius</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Benito and San Joaquin Management Areas |
| Idria buckwheat <i>Eriogonum vestitum</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land San Joaquin Management Area |
| Indian Valley bush-mallow <i>Malacothamnus aboriginum</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Indian Valley spineflower <i>Aristocapsa insignis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Jepson's milk-vetch <i>Astragalus rattanii var. jepsonianus</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate Clear Creek Management Area |
| Jolon clarkia <i>Clarkia jolonensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|--|---|
| Jones' layia <i>Layia jonesii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Not known from planning area; erroneously reported from non-BLM land, Salinas Management Area |
| Late-flowered mariposa-lily <i>Calochortus fimbriatus</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Lemmon's jewelflower <i>Caulanthus lemmonii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas and San Joaquin Management Areas |
| Lime Ridge navarretia <i>Navarretia gowenii</i> | Fed: none BLM: S CA: CRPR 1B.1 | Split estate, non-BLM land San Joaquin Management Area |
| Panoche Hills navarretia <i>Navarretia panochensis</i> | Fed: none BLM: none CA: CRPR 1B | Panoche Valley and Panoche Hills, San Joaquin Management Area (Gowan and Johnson, 2018; additional information not available) |
| Lost Hills crownscale <i>Atriplex coronata var. vallicola</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Mariposa cryptantha <i>Cryptantha mariposae</i> | Fed: none BLM: S CA: CRPR 1B.3 | BLM surface Clear Creek Management Area |
| Marsh microseris <i>Microseris paludosa</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas and Central Coast Management Areas |
| Mason's lilaeopsis <i>Lilaeopsis masonii</i> | Fed: none BLM: S CA: Rare, CRPR 1B.1 | Non-BLM land San Joaquin Management Area |
| Michael's rein orchid <i>Piperia michaelii</i> | Fed: none BLM: none CA: CRPR 4.2 | Split estate, non-BLM land San Joaquin Management Area |
| Mojave spineflower <i>Chorizanthe spinosa</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface San Joaquin Management Area |
| Mt. Day rockcress <i>Boechera rubicundula</i> | Fed: none BLM: S CA: CRPR 1B.1 | Split estate, non-BLM land San Joaquin Management Area |
| Mt. Diablo bird's-beak <i>Cordylanthus nidularius</i> | Fed: none BLM: S CA: Rare, CRPR 1B.1 | Non-BLM land San Joaquin Management Area |
| Mt. Diablo buckwheat <i>Eriogonum truncatum</i> | Fed: none BLM: S CA: CRPR 1B.1 | Split estate, non-BLM land San Joaquin Management Area |
| Mt. Diablo jewelflower <i>Streptanthus hispidus</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land San Joaquin Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|---|--|--|
| Mt. Diablo phacelia <i>Phacelia phacelioides</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Mt. Hamilton coreopsis <i>Leptosyne hamiltonii</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Mt. Hamilton fountain thistle <i>Cirsium fontinale var. campylon</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Mt. Hamilton jewelflower <i>Streptanthus callistus</i> | Fed: none BLM: S CA: CRPR 1B.3 | Split estate, non-BLM land San Joaquin Management Area |
| Mt. Hamilton lomatium <i>Lomatium observatorium</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Munz's tidy-tips <i>Layia munzii</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Narrow-petaled rein orchid <i>Piperia leptopetala</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, split estate Benito Management Area |
| Nuttall's scrub oak <i>Quercus dumosa</i> | Fed: none BLM: S CA: Rare, CRPR 1B.1 | BLM surface, split estate, non-BLM land Salinas and San Benito Management Areas |
| Otay manzanita <i>Arctostaphylos otayensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Not known from planning area; erroneously reported from split estate San Joaquin Management Area |
| Oval-leaved snapdragon <i>Antirrhinum ovatum</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Pacific Grove clover <i>Trifolium polyodon</i> | Fed: none BLM: S CA: Rare, CRPR 1B.1 | Non-BLM land Central Coast Management Area |
| Pajaro manzanita <i>Arctostaphylos pajaroensis</i> | Fed: none BLM: S CA: CRPR 1B.1 | Non-BLM land Central Coast, Salinas, and San Benito Management Areas |
| Pale-yellow layia <i>Layia heterotricha</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Panoche peppergrass <i>Lepidium jaredii ssp. album</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin, San Benito, and Clear Creek Management Areas |
| Pinnacles buckwheat <i>Eriogonum nortonii</i> | Fed: none BLM: S CA: CRPR 1B.3 | BLM surface, split estate, non-BLM land Salinas and San Benito Management Areas |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name Scientific name | Status | Occurrence |
|---|--|---|
| Point Reyes meadowfoam <i>Limnanthes douglasii</i> ssp. <i>sulphurea</i> | Fed: none BLM: S CA: END, CRPR 1B.2 | Non-BLM land Central Coast Management Area |
| Prostrate vernal pool navarretia <i>Navarretia prostrata</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land San Benito and San Joaquin Management Areas |
| Protruding buckwheat <i>Eriogonum nudum</i> var. <i>indictum</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Benito, Salinas, San Joaquin, and Clear Creek Management Areas |
| Rayless layia <i>Layia discoidea</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land San Benito and Clear Creek Management Areas |
| Recurved larkspur <i>Delphinium recurvatum</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Area |
| Red-flowered bird's-foot-trefoil <i>Acmispon rubriflorus</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Rock sanicle <i>Sanicula saxatilis</i> | Fed: none BLM: S CA: Rare, CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Round-leaved filaree <i>California macrophylla</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Salinas milk-vetch <i>Astragalus macrodon</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Salinas Valley goldfields <i>Lasthenia leptalea</i> | Fed: none BLM: none CA: CRPR 4.3 | Non-BLM land Salinas Management Area |
| San Antonio collinsia <i>Collinsia antonina</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas Management Area |
| San Benito fritillary <i>Fritillaria viridea</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| San Benito monardella <i>Monardella antonina</i> ssp. <i>benitensis</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| San Benito pentachaeta <i>Pentachaeta exilis</i> ssp. <i>aeolica</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Benito, Salinas, and Clear Creek Management Areas |
| San Benito poppy <i>Eschscholzia hypocoides</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, non-BLM land San Joaquin, San Benito, and Salinas Management Areas |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|---|---|--|
| San Benito thorn-mint <i>Acanthomintha obovata ssp. obovata</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Joaquin, San Benito, Salinas, and Clear Creek Management Areas |
| San Bruno Mountain manzanita <i>Arctostaphylos imbricata</i> | Fed: none BLM: S CA: END, CRPR 1B.1 | Non-BLM land San Joaquin Management Area |
| San Francisco popcorn-flower <i>Plagiobothrys diffusus</i> | Fed: none BLM: S CA: END, CRPR 1B.1 | Non-BLM land Central Coast and San Joaquin Management Areas |
| San Joaquin spearscale <i>Extriplex joaquinana</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Benito Management Area |
| San Luis Obispo sedge <i>Carex obispoensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |
| Santa Clara thorn-mint <i>Acanthomintha lanceolata</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Joaquin, San Benito, Salinas, and Clear Creek Management Areas |
| Santa Cruz clover <i>Trifolium buckwestiorum</i> | Fed: none BLM: S CA: CRPR 1B.1 | Non-BLM land Central Coast Management Area |
| Santa Cruz Mountains beardtongue <i>Penstemon rattanii var. kleei</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast Management Area |
| Santa Cruz Mountains pussypaws <i>Calyptridium parryi var. hesseae</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land Central Coast, Salinas, San Benito, and San Joaquin Management Areas |
| Santa Lucia dwarf rush <i>Juncus luciensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas and San Benito Management Areas |
| Santa Lucia gooseberry <i>Ribes sericeum</i> | Fed: none BLM: none CA: CRPR 4.3 | Split estate, non-BLM land Central Coast Management Area |
| Santa Lucia mint <i>Pogogyne clareana</i> | Fed: none BLM: S CA: END, CRPR 1B.2 | Non-BLM land Salinas Management Area |
| Santa Lucia monkeyflower <i>Erythranthe hardhamiae</i> | Fed: none BLM: S CA: CRPR 1B.1 | Split estate, non-BLM land Salinas Management Area |
| Seaside bird's-beak <i>Cordylanthus rigidus ssp. littoralis</i> | Fed: none BLM: S CA: END, CRPR 1B.1 | Non-BLM land Central Coast Management Area |
| Serpentine leptosiphon <i>Leptosiphon (Linanthus) ambiguus</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name <i>Scientific name</i> | Status | Occurrence |
|--|--|--|
| Serpentine phlox-leaf bedstraw <i>Galium andrewsii ssp. gatense</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land San Joaquin, San Benito, and Salinas Management Areas |
| Sharsmith's harebell <i>Campanula sharsmithiae</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Sharsmith's onion <i>Allium sharsmithiae</i> | Fed: none BLM: S CA: CRPR 1B.3 | BLM surface, split estate, non-BLM land San Joaquin Management Area |
| Sharsmith's western flax <i>Hesperolinon sharsmithiae</i> [= <i>Hesperolinon serpentinum</i>] | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |
| Shining navarretia <i>Navarretia nigelliformis ssp. radians</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas and San Benito Management Areas |
| Showy golden madia <i>Madia radiata</i> | Fed: none BLM: S CA: CRPR 1B.1 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Small-flowered morning-glory <i>Convolvulus simulans</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| Smooth lessingia <i>Lessingia micradenia var. glabrata</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Central Coast and San Joaquin Management Areas |
| South Coast Range morning glory <i>Calystegia collina ssp. venusta</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, split estate, non-BLM land Salinas, San Benito, and San Joaquin Management Areas |
| Spring lessingia <i>Lessingia tenuis</i> | Fed: none BLM: none CA: CRPR 4.3 | Split estate, non-BLM land San Joaquin Management Area |
| Stinkbells <i>Fritillaria agrestis</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, split estate, non-BLM land Central Coast, San Benito, Salinas, San Joaquin, and Clear Creek Management Areas |
| Straight-awned spineflower <i>Chorizanthe rectispina</i> | Fed: none BLM: S CA: CRPR 1B.3 | BLM surface, split estate, non-BLM land Salinas Management Area |
| Talus fritillary <i>Fritillaria falcata</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas, San Benito, San Joaquin, and Clear Creek Management Areas |
| Temblor buckwheat <i>Eriogonum temblorense</i> | Fed: none BLM: S CA: CRPR 1B.2 | BLM surface, split estate, non-BLM land Salinas and San Joaquin Management Areas |
| Toro manzanita <i>Arctostaphylos montereyensis</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land Salinas Management Area |

Table 3.12-3. Other Special Status Species Present in the Planning Area

| Common name Scientific name | Status | Occurrence |
|---|--|--|
| Tracy's eriastrum <i>Eriastrum tracyi</i> | Fed: none BLM: none CA: Rare, CRPR 3.2 | Split estate, non-BLM land San Joaquin Management Areas |
| Umbrella larkspur <i>Delphinium umbraculorum</i> | Fed: none BLM: S CA: CRPR 1B.3 | BLM surface, split estate, non-BLM land Central Coast and Salinas Management Areas |
| Western Hermann's buckwheat <i>Eriogonum heermannii var. occidentale</i> | Fed: none BLM: none CA: CRPR 4.2 | BLM surface, non-BLM land San Benito and Clear Creek Management Areas |
| Western lessingia <i>Benitoa occidentalis</i> | Fed: none BLM: none CA: CRPR 4.3 | BLM surface, split estate, non-BLM land San Benito, San Joaquin, and Clear Creek Management Areas |
| Woodland woollythreads <i>Monolopia gracilens</i> | Fed: none BLM: S CA: CRPR 1B.2 | Split estate, non-BLM land San Joaquin Management Area |

Sources: BLM (2006), CNPS (2015a), CDFW (2015a, 2015b, 2015c), with additional information from Calflora (2015). Occurrence within Planning Area is based on CDFW (2015c), Calflora (2015), BLM (2006), and updates from BLM staff (2015-2018).

Key to status codes listed at the bottom of Table 3.12-2.