

# Appendix C

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Special Status Species and Sensitive Natural Communities

## Special Status Species Known or with Potential to Occur Within the Project Site or Vicinity

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<b>Plants</b>				
<i>Agrostis lacuna-vernalis</i> vernal pool bent grass	None/None G1 / S1 1B.1	Vernal pools. In mima mound areas or on the margins of vernal pools. 125-150 m.	<b>Not expected</b>	Vernal pools are not present and the site elevation is out of range for this species.
<i>Allium hickmanii</i> Hickman's onion	None/None G2 / S2 1B.2	Closed-cone coniferous forest, chaparral, coastal scrub, coastal prairie, cismontane woodland. Sandy loam, damp ground and vernal swales; mostly in grassland though can be associated with chaparral or woodland. 5-200 m.	<b>Not expected</b>	Coniferous forest and other suitable natural habitats are not present.
<i>Arctostaphylos edmundsii</i> Little Sur manzanita	None/None G2 / S2 1B.2	Coastal bluff scrub, chaparral. Forming mounds on sandy terraces on ocean bluffs. 30-95 m.	<b>Not expected</b>	Coastal bluff scrub, chaparral, and ocean bluffs are not present and the site elevation is out of range for this species.
<i>Arctostaphylos hookeri ssp. hookeri</i> Hooker's manzanita	None/None G3T2 / S2 1B.2	Chaparral, coastal scrub, closed-cone coniferous forest, cismontane woodland. Sandy soils, sandy shales, sandstone outcrops. 30-550 m.	<b>Not expected</b>	Chaparral, coastal scrub, closed-cone coniferous forest, and cismontane woodlands are not present, and the site elevation is out of range for this species.
<i>Arctostaphylos montereyensis</i> Toro manzanita	None/None G2G3 / S2S3 1B.2	Chaparral, cismontane woodland, coastal scrub. Sandy soil, usually with chaparral associates. 75-735 m.	<b>Not expected</b>	Chaparral, cismontane woodland, and coastal scrub are not present, and the site elevation is out of range for this species.

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<i>Arctostaphylos pajaroensis</i> Pajaro manzanita	None/None G1 / S1 1B.1	Chaparral. Sandy soils. 30-155 m.	<b>Not expected</b>	Chaparral is not present and the site elevation is out of range for this species.
<i>Arctostaphylos pumila</i> sandmat manzanita	None/None G1 / S1 1B.2	Closed-cone coniferous forest, chaparral, cismontane woodland, coastal dunes, coastal scrub. On sandy soil with other chaparral associates. 3-210 m.	<b>Not expected</b>	Coniferous forest, chaparral, cismontane woodland, coastal dunes, and coastal scrub are not present, and the site elevation is out of range for this species.
<i>Astragalus tener</i> var. <i>titi</i> coastal dunes milk-vetch	Endangered/Endangered G2T1 / S1 1B.1	Coastal bluff scrub, coastal dunes, coastal prairie. Moist, sandy depressions of bluffs or dunes along and near the Pacific Ocean; one site on a clay terrace. 1-45 m.	<b>Not expected</b>	Coastal bluff scrub, coastal dunes, and coastal prairie are not present.
<i>Bryoria spiralifera</i> twisted horsehair lichen	None/None G3 / S1S2 1B.1	North coast coniferous forest. Usually on conifers. 0-30 m.	<b>Not expected</b>	Coniferous forest is not present.
<i>Castilleja ambigua</i> var. <i>insalutata</i> pink Johnny-nip	None/None G4T2 / S2 1B.1	Coastal bluff scrub, coastal prairie. 0-100 m.	<b>Not expected</b>	Coastal bluff scrub and coastal prairie are not present.

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Centromadia parryi</i> ssp. <i>congdonii</i> Congdon's tarplant	None/None G3T2 / S2 1B.1	Valley and foothill grassland. Alkaline soils, sometimes described as heavy white clay. 0-230 m.	<b>Not expected</b>	Alkaline and clay soils are not present.
<i>Chorizanthe minutiflora</i> Fort Ord spineflower	None/None G1 / S1 1B.2	Coastal scrub, chaparral (maritime). Sandy, openings. 55-150 m.	<b>Not expected</b>	Coastal scrub and maritime chaparral are not present, and the site elevation is out of range for this species.
<i>Chorizanthe pungens</i> var. <i>pungens</i> Monterey spineflower	Threatened/None G2T2 / S2 1B.2	Coastal dunes, chaparral, cismontane woodland, coastal scrub, valley and foothill grassland. Sandy soils in coastal dunes or more inland within chaparral or other habitats. 0-170 m.	<b>Not expected</b>	Coastal dunes, chaparral, cismontane woodland, coastal scrub, and valley and foothill grasslands are not present.
<i>Chorizanthe robusta</i> var. <i>robusta</i> robust spineflower	Endangered/None G2T1 / S1 1B.1	Cismontane woodland, coastal dunes, coastal scrub, chaparral. Sandy terraces and bluffs or in loose sand. 9-245 m.	<b>Not expected</b>	Suitable habitat with sandy terraces and bluffs are not present.
<i>Clarkia jolonensis</i> Jolon clarkia	None/None G2 / S2 1B.2	Cismontane woodland, chaparral, coastal scrub, riparian woodland. 10-1280 m.	<b>Not expected</b>	Cismontane woodland, chaparral, coastal scrub, and riparian woodlands are not present, and the site elevation is out of range for this species.

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<i>Collinsia multicolor</i> San Francisco collinsia	None/None  G2 / S2  1B.2	Closed-cone coniferous forest, coastal scrub. On decomposed shale (mudstone) mixed with humus; sometimes on serpentine. 30-275 m.	<b>Not expected</b>	Coniferous forest and coastal scrub with shale are not present, and the site elevation is out of range for this species.
<i>Cordylanthus rigidus ssp. littoralis</i> seaside bird's-beak	None/Endangered  G5T2 / S2  1B.1	Closed-cone coniferous forest, chaparral, cismontane woodland, coastal scrub, coastal dunes. Sandy, often disturbed sites, usually within chaparral or coastal scrub. 30-520 m.	<b>Not expected</b>	Coniferous forest, chaparral, cismontane woodland, coastal scrub, and coastal dunes are not present, and the site elevation is out of range for this species.
<i>Delphinium californicum ssp. interius</i> Hospital Canyon larkspur	None/None  G3T3 / S3  1B.2	Cismontane woodland, chaparral, coastal scrub. In wet, boggy meadows, openings in chaparral and in canyons. 195-1095 m.	<b>Not expected</b>	Cismontane woodland, chaparral, coastal scrub with wet, boggy meadows are not present, and the site elevation is out of range for this species.
<i>Delphinium hutchinsoniae</i> Hutchinson's larkspur	None/None  G2 / S2  1B.2	Broadleafed upland forest, chaparral, coastal prairie, coastal scrub. On semi-shaded, slightly moist slopes, usually west-facing. 15-535 m.	<b>Not expected</b>	Broadleafed upland forest, chaparral, coastal prairie, and coastal scrub are not present, and the site elevation is out of range for this species.
<i>Delphinium umbraculorum</i> umbrella larkspur	None/None  G3 / S3  1B.3	Cismontane woodland, chaparral. Mesic sites. 215-2075 m.	<b>Not expected</b>	Mesic sites in cismontane woodland or chaparral are not present, and the site elevation is out of range for this species.

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Ericameria fasciculata</i> Eastwood's goldenbush	None/None G2 / S2 1B.1	Closed-cone coniferous forest, chaparral (maritime), coastal scrub, coastal dunes. In sandy openings. 30-215 m.	<b>Not expected</b>	Coniferous forest, maritime chaparral, coastal scrub, and coastal dunes are not present, and the site elevation is out of range for this species.
<i>Eriogonum nortonii</i> Pinnacles buckwheat	None/None G2 / S2 1B.3	Chaparral, valley and foothill grassland. Sandy soils; often on recent burns; western Santa Lucias. 90-975 m.	<b>Not expected</b>	Chaparral, and valley and foothill grasslands are not present, and the site elevation is out of range for this species.
<i>Erysimum ammophilum</i> sand-loving wallflower	None/None G2 / S2 1B.2	Chaparral (maritime), coastal dunes, coastal scrub. Sandy openings. 5-130 m.	<b>Not expected</b>	Maritime chaparral, coastal scrub, and coastal dunes are not present.
<i>Erysimum menziesii</i> Menzies' wallflower	Endangered/Endangered G1 / S1 1B.1	Coastal dunes. Localized on dunes and coastal strand. 1-25 m.	<b>Not expected</b>	Coastal dunes are not present.
<i>Fritillaria liliacea</i> fragrant fritillary	None/None G2 / S2 1B.2	Coastal scrub, valley and foothill grassland, coastal prairie, cismontane woodland. Often on serpentine; various soils reported though usually on clay, in grassland. 3-400 m.	<b>Not expected</b>	Coastal scrub, valley and foothill grassland, coastal prairie, and cismontane woodlands with serpentine or clay soils are not present.

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Galium clementis</i> Santa Lucia bedstraw	None/None  G3 / S3  1B.3	Lower montane coniferous forest, upper montane coniferous forest. Forming soft mats in shady rocky patches; on granite or serpentine; mostly on exposed peaks. 990-1645 m.	<b>Not expected</b>	Montane coniferous forests are not present, and the site elevation is out of range for this species, and the site elevation is out of range for this species.
<i>Gilia tenuiflora ssp. arenaria</i> Monterey gilia	Endangered/Threatened  G3G4T2 / S2  1B.2	Coastal dunes, coastal scrub, chaparral (maritime), cismontane woodland. Sandy openings in bare, wind-sheltered areas. Often near dune summit or in the hind dunes; two records from Pleistocene inland dunes. 5-245 m.	<b>Not expected</b>	Coniferous forest and chaparral are not present.
<i>Hesperocyparis goveniana</i> Gowen cypress	Threatened/None  G1 / S1  1B.2	Closed-cone coniferous forest, chaparral. Coastal terraces; usually in sandy soils; sometimes with Monterey pine, bishop pine. 100-125 m.	<b>Not expected</b>	Coniferous forest and chaparral are not present, and the site elevation is out of range for this species.
<i>Hesperocyparis macrocarpa</i> Monterey cypress	None/None  G1 / S1  1B.2	Closed-cone coniferous forest. Granitic soils. 10-20 m.	<b>Not expected</b>	Coniferous forest with granitic soils are not present, and the site elevation is out of range for this species.
<i>Horkelia cuneata var. sericea</i> Kellogg's horkelia	None/None  G4T1? / S1?  1B.1	Closed-cone coniferous forest, coastal scrub, coastal dunes, chaparral. Old dunes, coastal sandhills; openings. Sandy or gravelly soils. 5-430 m.	<b>Not expected</b>	Coniferous forest, coastal scrub, coastal dunes, and chaparral are not present.

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<i>Horkelia marinensis</i> Point Reyes horkelia	None/None G2 / S2 1B.2	Coastal dunes, coastal prairie, coastal scrub. Sandy flats and dunes near coast; in grassland or scrub plant communities. 2-775 m.	<b>Not expected</b>	Coastal dunes, coastal prairie, and coastal scrub are not present.
<i>Lasthenia conjugens</i> Contra Costa goldfields	Endangered/None G1 / S1 1B.1	Valley and foothill grassland, vernal pools, alkaline playas, cismontane woodland. Vernal pools, swales, low depressions, in open grassy areas. 1-450 m.	<b>Not expected</b>	Vernal pools are not present.
<i>Layia carnosa</i> beach layia	Endangered/Endangered G2 / S2 1B.1	Coastal dunes, coastal scrub. On sparsely vegetated, semi-stabilized dunes, usually behind foredunes. 0-30 m.	<b>Not expected</b>	Coastal dunes and coastal scrub are not present.
<i>Lupinus tidestromii</i> Tidestrom's lupine	Endangered/Endangered G1 / S1 1B.1	Coastal dunes. Partially stabilized dunes, immediately near the ocean. 4-25 m.	<b>Not expected</b>	Coastal dunes are not present.
<i>Malacothamnus palmeri</i> var. <i>involucratus</i> Carmel Valley bush-mallow	None/None G3T2Q / S2 1B.2	Cismontane woodland, chaparral, coastal scrub. Talus hilltops and slopes, sometimes on serpentine. Fire dependent. 5-520 m.	<b>Not expected</b>	Cismontane woodland, chaparral, and coastal scrub with talus hilltops and slopes are not present. Subject to fire suppression.



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<i>Malacothamnus palmeri</i> var. <i>palmeri</i> Santa Lucia bush-mallow	None/None G3T2Q / S2 1B.2	Chaparral. Dry rocky slopes, mostly near summits, but occasionally extending down canyons to the sea. 60-360 m.	<b>Not expected</b>	Chaparral is not present, and the site elevation is out of range for this species.
<i>Malacothrix saxatilis</i> var. <i>arachnoidea</i> Carmel Valley malacothrix	None/None G5T2 / S2 1B.2	Chaparral, coastal scrub. Rock outcrops or steep rocky road-cuts. 25-1220 m.	<b>Not expected</b>	Chaparral, and coastal scrub are not present, and the site elevation is out of range for this species.
<i>Microseris paludosa</i> marsh microseris	None/None G2 / S2 1B.2	Closed-cone coniferous forest, cismontane woodland, coastal scrub, valley and foothill grassland. 3-610 m.	<b>Not expected</b>	Coniferous forest, cismontane woodland, coastal scrub, and valley and foothill grasslands are not present.
<i>Monardella sinuata</i> ssp. <i>nigrescens</i> northern curly-leaved monardella	None/None G3T2 / S2 1B.2	Coastal dunes, coastal scrub, chaparral, lower montane coniferous forest. Sandy soils. 10-245 m.	<b>Not expected</b>	Coastal dunes, coastal scrub, chaparral, and lower montane coniferous forest are not present.
<i>Monolopia gracilens</i> woodland woollythreads	None/None G3 / S3 1B.2	Chaparral, valley and foothill grassland, cismontane woodland, broadleafed upland forest, North Coast coniferous forest. Grassy sites, in openings; sandy to rocky soils. Often seen on serpentine after burns, but may have only weak affinity to serpentine. 120-975 m.	<b>Not expected</b>	Chaparral, valley and foothill grassland, cismontane woodland, broadleafed upland forest, and North Coast coniferous forest with serpentine soils are not present.

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Pinus radiata</i> Monterey pine	None/None  G1 / S1  1B.1	Closed-cone coniferous forest, cismontane woodland. Three primary stands are native to California. Dry bluffs and slopes. 60-125 m.	<b>Not expected</b>	Native stands of Monterey pine are not present.
<i>Piperia yadonii</i> Yadon's rein orchid	Endangered/None  G1 / S1  1B.1	Closed-cone coniferous forest, chaparral, coastal bluff scrub. On sandstone and sandy soil, but poorly drained and often dry. 10-505 m.	<b>Not expected</b>	Coniferous forest, chaparral, and coastal bluff scrub are not present.
<i>Plagiobothrys uncinatus</i> hooked popcornflower	None/None  G2 / S2  1B.2	Chaparral, cismontane woodland, valley and foothill grassland. Sandstone outcrops and canyon sides; often in burned or disturbed areas. 210-855 m.	<b>Not expected</b>	Chaparral, cismontane woodland, valley and foothill grasslands with sandstone outcrops are not present, and the site elevation is out of range for this species.
<i>Potentilla hickmanii</i> Hickman's cinquefoil	Endangered/Endangered  G1 / S1  1B.1	Coastal bluff scrub, closed-cone coniferous forest, meadows and seeps, marshes and swamps. Freshwater marshes, seeps, and small streams in open or forested areas along the coast. 5-125 m.	<b>Not expected</b>	Suitable wetland habitat is not present.
<i>Ramalina thrausta</i> angel's hair lichen	None/None  G5 / S2?  2B.1	North coast coniferous forest. On dead twigs and other lichens. 75-430 m.	<b>Not expected</b>	The site elevation is out of range for this species.

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<i>Rosa pinetorum</i> pine rose	None/None  G2 / S2  1B.2	Closed-cone coniferous forest, cismontane woodland. 5-1090 m.	<b>Not expected</b>	Coniferous forest and cismontane woodland are not present.
<i>Stebbinsoseris decipiens</i> Santa Cruz microseris	None/None  G2 / S2  1B.2	Broadleafed upland forest, closed-cone coniferous forest, chaparral, coastal prairie, coastal scrub, valley and foothill grassland. Open areas in loose or disturbed soil, usually derived from sandstone, shale or serpentine, on seaward slopes. 90-750 m.	<b>Not expected</b>	Broadleafed upland forest, closed-cone coniferous forest, chaparral, and coastal prairie, with shale or serpentine soil, are not present, and the site elevation is out of range for this species.
<i>Tortula californica</i> California screw moss	None/None  G2G3 / S2S3  1B.2	Chenopod scrub, valley and foothill grassland. Moss growing on sandy soil. 10-1460 m.	<b>Not expected</b>	Chenopod scrub and valley and foothill grasslands are not present, and the site elevation is out of range for this species.
<i>Trifolium buckwestiorum</i> Santa Cruz clover	None/None  G2 / S2  1B.1	Coastal prairie, broadleafed upland forest, cismontane woodland. Moist grassland. Gravelly margins. 30-550 m.	<b>Not expected</b>	Coastal prairie, broadleafed upland forest, and cismontane woodlands are not present, and the site elevation is out of range for this species.
<i>Trifolium hydrophilum</i> saline clover	None/None  G2 / S2  1B.2	Marshes and swamps, valley and foothill grassland, vernal pools. Mesic, alkaline sites. 1-335 m.	<b>Not expected</b>	Suitable wetland habitat, with alkaline soils are not present.

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<i>Trifolium polyodon</i> Pacific Grove clover	None/Rare  G1 / S1  1B.1	Closed-cone coniferous forest, meadows and seeps, coastal prairie, valley and foothill grassland. Along small springs and seeps in grassy openings. 5-260 m.	<b>Not expected</b>	Coniferous forest, meadows and seeps, coastal prairie, valley and foothill grasslands with suitable wetland habitat are not present
<i>Trifolium trichocalyx</i> Monterey clover	Endangered/Endangered  G1 / S1  1B.1	Closed-cone coniferous forest. Openings, burned areas, and roadsides. Sandy soils. 60-210 m.	<b>Not expected</b>	Coniferous forests are not present, and the site elevation is out of range for this species.
<b>Crustaceans</b>				
<i>Linderiella occidentalis</i> California linderiella	None/None  G2G3 / S2S3	Seasonal pools in unplowed grasslands with old alluvial soils underlain by hardpan or in sandstone depressions. Water in the pools has very low alkalinity, conductivity, and total dissolved solids.	<b>Not expected</b>	Vernal pools are not present.
<b>Insects</b>				
<i>Danaus plexippus pop. 1</i> monarch - California overwintering population	None/None  G4T2T3 / S2S3	Winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico. Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby.	<b>Not expected</b>	Suitable roost sites are not present.

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<i>Euphilotes enoptes smithi</i> Smith's blue butterfly	Endangered/None  G5T1T2 / S1S2	Most commonly associated with coastal dunes & coastal sage scrub plant communities in Monterey & Santa Cruz counties. Hostplant: <i>Eriogonum latifolium</i> and <i>Eriogonum parvifolium</i> are utilized as both larval and adult foodplants.	<b>Not expected</b>	This species host plant does not occur within the site, and coastal dunes/scrub are not present.
<b>Fish</b>				
<i>Eucyclogobius newberryi</i> tidewater goby	Endangered/None  G3 / S3  SSC	Brackish water habitats along the California coast from Agua Hedionda Lagoon, San Diego County to the mouth of the Smith River. Found in shallow lagoons and lower stream reaches, they need fairly still but not stagnant water and high oxygen levels.	<b>Not expected</b>	Aquatic habitats are not present.
<i>Oncorhynchus mykiss irideus</i> steelhead - south-central California coast DPS	Threatened/None  G5T2Q / S2	Federal listing refers to runs in coastal basins from the Pajaro River south to, but not including, the Santa Maria River.	<b>Not expected</b>	Aquatic habitats are not present. Known to occur in the Carmel River.
<b>Amphibians</b>				
<i>Ambystoma californiense</i> California tiger salamander	Threatened/Threatened  G2G3 / S2S3  WL	Central Valley DPS federally listed as threatened. Santa Barbara and Sonoma counties DPS federally listed as endangered. Need underground refuges, especially ground squirrel burrows, and vernal pools or other seasonal water sources for breeding.	<b>Not expected</b>	Small mammal burrows (gopher) are present. However the site is surrounded by development, and the closest known occurrence is on the other side of the Carmel River.

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<i>Rana draytonii</i> California red-legged frog	Threatened/None G2G3 / S2S3 SSC	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development. Must have access to estivation habitat.	<b>Low Potential</b>	Known to occur in the Carmel River, one CNDDDB occurrence from a culvert under Carmel Valley Rd. 1,500 feet north of the site.
<i>Taricha torosa</i> Coast Range newt	None/None G4 / S4 SSC	Coastal drainages from Mendocino County to San Diego County. Lives in terrestrial habitats & will migrate over 1 km to breed in ponds, reservoirs & slow moving streams.	<b>Not expected</b>	Preferred habitat; wet forests, oak forests, chaparral, and grasslands are not present.
<b>Reptiles</b>				
<i>Anniella pulchra</i> northern California legless lizard	None/None G3 / S3 SSC	Sandy or loose loamy soils under sparse vegetation. Soil moisture is essential. They prefer soils with a high moisture content.	<b>Not expected</b>	Sandy soils are present; however vegetation is dense in areas that have not been disturbed.
<i>Emys marmorata</i> western pond turtle	None/None G3G4 / S3 SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation. Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	<b>Not expected</b>	Aquatic habitats are not present in or adjacent to the site.

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<i>Phrynosoma blainvillii</i> coast horned lizard	None/None G3G4 / S3S4 SSC	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes. Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	<b>Not expected</b>	Natural habitats with scattered brush and sandy loose soils are not present.
<b>Birds</b>				
<i>Agelaius tricolor</i> tricolored blackbird	None/Candidate Endangered G2G3 / S1S2 SSC	Highly colonial species, most numerous in Central Valley & vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	<b>Not expected</b>	Suitable nesting habitat is not present within or adjacent to the site.
<i>Athene cunicularia</i> burrowing owl	None/None G4 / S3 SSC	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	<b>Not expected</b>	No suitable burrows were observed on site, and the closest occurrence was reported near the City of Seaside.
<i>Charadrius alexandrinus nivosus</i> western snowy plover	Threatened/None G3T3 / S2S3 SSC	Sandy beaches, salt pond levees & shores of large alkali lakes. Needs sandy, gravelly or friable soils for nesting.	<b>Not expected</b>	Sandy beaches, and salt pond levees and shores are not present, and the site is over a mile from the beach.

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<i>Cypseloides niger</i> black swift	None/None G4 / S2 SSC	Coastal belt of Santa Cruz and Monterey counties; central & southern Sierra Nevada; San Bernardino & San Jacinto mountains. Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely.	<b>Not expected</b>	No cliffs suitable for nesting occur within the site or in the vicinity.
<i>Laterallus jamaicensis coturniculus</i> California black rail	None/Threatened G3G4T1 / S1 FP	Inhabits freshwater marshes, wet meadows and shallow margins of saltwater marshes bordering larger bays. Needs water depths of about 1 inch that do not fluctuate during the year and dense vegetation for nesting habitat.	<b>Not expected</b>	Marshes or other suitable wetlands are not present.
<i>Oceanodroma homochroa</i> ashy storm-petrel	None/None G2 / S2 SSC	Colonial nester on off-shore islands. Usually nests on driest part of islands. Forages over open ocean. Nest sites on islands are in crevices beneath loosely piled rocks or driftwood, or in caves.	<b>Not expected</b>	The site is inland and not suitable nesting or foraging habitat for this species.
<i>Pelecanus occidentalis californicus</i> California brown pelican	Delisted/Delisted G4T3 / S3 FP	Colonial nester on coastal islands just outside the surf line. Nests on coastal islands of small to moderate size which afford immunity from attack by ground-dwelling predators. Roosts communally.	<b>Not expected</b>	The site is inland and not suitable nesting or foraging habitat for this species.
<i>Riparia riparia</i> bank swallow	None/Threatened G5 / S2	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	<b>Not expected</b>	Suitable nesting habitat is not present within or adjacent to the site.
<b>Mammals</b>				



Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Corynorhinus townsendii</i> Townsend's big-eared bat	None/None G3G4 / S2 SSC	Throughout California in a wide variety of habitats. Most common in mesic sites. Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	<b>Not expected</b>	Mesic habitats are not present, and the site is highly disturbed.
<i>Taxidea taxus</i> American badger	None/None G5 / S3 SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	<b>Not expected</b>	Natural habitats are not present, and the site is not connected to natural habitats large enough to support this species.
<b>Sensitive Natural Communities</b>				
<i>Central Dune Scrub</i> Central Dune Scrub	None/None G2 / S2.2		<b>Not expected</b>	This community was not observed onsite.
<i>Central Maritime Chaparral</i> Central Maritime Chaparral	None/None G2 / S2.2		<b>Not expected</b>	This community was not observed onsite.
<i>Monterey Cypress Forest</i> Monterey Cypress Forest	None/None G1 / S1.2		<b>Not expected</b>	This community was not observed onsite.

Scientific Name Common Name	Status	Habitat Requirements	Potential to Occur in Project Area	Habitat Suitability/ Observations
<i>Monterey Pine Forest</i> Monterey Pine Forest	None/None G1 / S1.1		<b>Not expected</b>	This community was not observed onsite.
<i>Monterey Pygmy Cypress Forest</i> Monterey Pygmy Cypress Forest	None/None G1 / S1.1		<b>Not expected</b>	This community was not observed onsite.
<i>Northern Bishop Pine Forest</i> Northern Bishop Pine Forest	None/None G2 / S2.2		<b>Not expected</b>	This community was not observed onsite.
<i>Northern Coastal Salt Marsh</i> Northern Coastal Salt Marsh	None/None G3 / S3.2		<b>Not expected</b>	This community was not observed onsite.
<i>Valley Needlegrass Grassland</i> Valley Needlegrass Grassland	None/None G3 / S3.1		<b>Not expected</b>	This community was not observed onsite.

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\*Status Definitions:

FE = Federally Endangered    FT = Federally Threatened    FD = Federally Delisted    SE = State Endangered

ST = State Threatened    SR = State Rare    SA = Special Animal    FP = Fully Protected

SSC = Species of Special Concern    G-Rank/S-Rank = Global Rank and State Rank as per NatureServe and CDFW's CNDDB.

CRPR (California Rare Plant Rank):

1A=Presumed Extinct in California

1B=Rare, Threatened, or Endangered in California and elsewhere

2=Rare, Threatened, or Endangered in California, but more common elsewhere

3=Need more information (a Review List)

4=Plants of Limited Distribution (a Watch List)

CRPR Threat Code Extension:

1=Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)

2=Fairly endangered in California (20-80% occurrences threatened)

3=Not very endangered in California (<20% of occurrences threatened)

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