

Appendix L

Biological Resources

**Pacific Coast Commons Specific Plan EIR Project
Special-Status Plant Species Potential to Occur within the Project Site**

Scientific Name	Common Name	Status¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur²
<i>Abronia maritima</i>	red sand-verbena	None/None/4.2	Coastal dunes/perennial herb/Feb–Nov/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Aphanisma blitoides</i>	aphanisma	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub; sandy or gravelly/annual herb/Feb–June/0–1000	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Arenaria paludicola</i>	marsh sandwort	FE/SE/1B.1	Marshes and swamps (freshwater or brackish); sandy, openings/perennial stoloniferous herb/May–Aug/5–560	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	FE/None/1B.1	Chaparral, Coastal scrub, Valley and foothill grassland; recent burns or disturbed areas, usually sandstone with carbonate layers/perennial herb/Jan–Aug/10–2100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	Ventura marsh milk-vetch	FE/SE/1B.1	Coastal dunes, Coastal scrub, Marshes and swamps (edges, coastal salt or brackish)/perennial herb/(June)Aug–Oct/0–115	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Astragalus tener</i> var. <i>titi</i>	coastal dunes milk-vetch	FE/SE/1B.1	Coastal bluff scrub (sandy), Coastal dunes, Coastal prairie (mesic); often vernal mesic areas/annual herb/Mar–May/0–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Atriplex coulteri</i>	Coulter's saltbush	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; alkaline or clay/perennial herb/Mar–Oct/5–1510	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Atriplex pacifica</i>	South Coast saltscale	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Playas/annual herb/Mar–Oct/0–460	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Atriplex parishii</i>	Parish's brittlescale	None/None/1B.1	Chenopod scrub, Playas, Vernal pools; alkaline/annual herb/June–Oct/80–6235	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Atriplex serenana</i> var. <i> davidsonii</i>	Davidson's saltscale	None/None/1B.2	Coastal bluff scrub, Coastal scrub; alkaline/annual herb/Apr–Oct/30–655	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Berberis nevinii</i>	Nevin's barberry	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; sandy or gravelly/perennial evergreen shrub/(Feb)Mar–June/225–2705	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calandrinia breweri</i>	Brewer's calandrinia	None/None/4.2	Chaparral, Coastal scrub; sandy or loamy, disturbed sites and burns/annual herb/(Jan)Mar–June/30–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calochortus catalinae</i>	Catalina mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial bulbiferous herb/(Feb)Mar–June/45–2295	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calochortus clavatus</i> var. <i>gracilis</i>	slender mariposa lily	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland/perennial bulbiferous herb/Mar–June(Nov)/1045–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calochortus plummerae</i>	Plummer's mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; granitic, rocky/perennial bulbiferous herb/May–July/325–5575	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calystegia felix</i>	lucky morning-glory	None/None/1B.1	Meadows and seeps (sometimes alkaline), Riparian scrub (alluvial); Historically associated with wetland and marshy places, but possibly in drier situations as well. Possibly silty loam and alkaline/annual rhizomatous herb/Mar–Sep/95–705	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Calystegia peirsonii</i>	Peirson's morning-glory	None/None/4.2	Chaparral, Chenopod scrub, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland/perennial rhizomatous herb/Apr–June/95–4920	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Camissoniopsis lewisii</i>	Lewis' evening-primrose	None/None/3	Coastal bluff scrub, Cismontane woodland, Coastal dunes, Coastal scrub, Valley and foothill grassland; sandy or clay/annual herb/Mar–May(June)/0–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Centromadia parryi</i> ssp. <i>australis</i>	southern tarplant	None/None/1B.1	Marshes and swamps (margins), Valley and foothill grassland (vernally mesic), Vernal pools/annual herb/May–Nov/0–1575	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Centromadia pungens</i> ssp. <i>laevis</i>	smooth tarplant	None/None/1B.1	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; alkaline/annual herb/Apr–Sep/0–2100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Cercocarpus betuloides</i> var. <i>blancheae</i>	island mountain-mahogany	None/None/4.3	Closed-cone coniferous forest, Chaparral/perennial evergreen shrub/Feb–May/95–1970	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	Orcutt's pincushion	None/None/1B.1	Coastal bluff scrub (sandy), Coastal dunes/annual herb/Jan–Aug/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Chenopodium littoreum</i>	coastal goosefoot	None/None/1B.2	Coastal dunes/annual herb/Apr–Aug/30–100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	salt marsh bird's-beak	FE/SE/1B.2	Coastal dunes, Marshes and swamps (coastal salt)/annual herb (hemiparasitic)/May–Oct(Nov)/0–100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Chorizanthe parryi</i> var. <i>fernandina</i>	San Fernando Valley spineflower	FC/SE/1B.1	Coastal scrub (sandy), Valley and foothill grassland/annual herb/Apr–July/490–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Cistanthe maritima</i>	seaside cistanthe	None/None/4.2	Coastal bluff scrub, Coastal scrub, Valley and foothill grassland; sandy/annual herb/(Feb)Mar–June(Aug)/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Convolvulus simulans</i>	small-flowered morning-glory	None/None/4.2	Chaparral (openings), Coastal scrub, Valley and foothill grassland; clay, serpentinite seeps/annual herb/Mar–July/95–2430	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Deinandra minthornii</i>	Santa Susana tarplant	None/SR/1B.2	Chaparral, Coastal scrub; rocky/perennial deciduous shrub/July–Nov/915–2495	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Deinandra paniculata</i>	paniculate tarplant	None/None/4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; usually vernal mesic, sometimes sandy/annual herb/(Mar)Apr–Nov(Dec)/80–3085	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Dichondra occidentalis</i>	western dichondra	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial rhizomatous herb/(Jan)Mar–July/160–1640	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Dithyrea maritima</i>	beach spectaclepod	None/ST/1B.1	Coastal dunes, Coastal scrub (sandy)/perennial rhizomatous herb/Mar–May/5–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Santa Monica dudleya	FT/None/1B.1	Chaparral, Coastal scrub; volcanic or sedimentary, rocky/perennial herb/Mar–June/490–5495	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Dudleya multicaulis</i>	many-stemmed dudleya	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; often clay/perennial herb/Apr–July/45–2590	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Dudleya virens</i> ssp. <i>insularis</i>	island green dudleya	None/None/1B.2	Coastal bluff scrub, Coastal scrub; rocky/perennial herb/Apr–June/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	FE/SE/1B.1	Coastal scrub, Valley and foothill grassland, Vernal pools; mesic/annual / perennial herb/Apr–June/65–2035	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Erysimum suffrutescens</i>	suffrutescent wallflower	None/None/4.2	Coastal bluff scrub, Chaparral (maritime), Coastal dunes, Coastal scrub/perennial herb/Jan–July(Aug)/0–490	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	None/None/1A	Marshes and swamps (coastal salt and freshwater)/perennial rhizomatous herb/Aug–Oct/30–5005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Hordeum intercedens</i>	vernal barley	None/None/3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland (saline flats and depressions), Vernal pools/annual herb/Mar–June/15–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	None/None/1B.1	Chaparral (maritime), Cismontane woodland, Coastal scrub; sandy or gravelly/perennial herb/Feb–July(Sep)/225–2655	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush	None/None/1B.2	Chaparral, Coastal scrub (sandy, often in disturbed areas)/perennial shrub/Apr–Nov/30–445	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Juglans californica</i>	Southern California black walnut	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; alluvial/perennial deciduous tree/Mar–Aug/160–2955	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	None/None/4.2	Coastal dunes (mesic), Meadows and seeps (alkaline seeps), Marshes and swamps (coastal salt)/perennial rhizomatous herb/(Mar)May–June/5–2955	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	None/None/1B.1	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb–June/0–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Leptosyne maritima</i>	sea dahlia	None/None/2B.2	Coastal bluff scrub, Coastal scrub/perennial herb/Mar–May/15–490	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Lycium brevipes</i> var. <i>hassei</i>	Santa Catalina Island desert-thorn	None/None/3.1	Coastal bluff scrub, Coastal scrub/perennial deciduous shrub/June(Aug)/210–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Monardella hypoleuca</i> ssp. <i>hypoleuca</i>	white-veined monardella	None/None/1B.3	Chaparral, Cismontane woodland/perennial herb/(Apr)May–Aug(Sep–Dec)/160–5005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Nama stenocarpa</i>	mud nama	None/None/2B.2	Marshes and swamps (lake margins, riverbanks)/annual / perennial herb/Jan–July/15–1640	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Nasturtium gambelii</i>	Gambel's water cress	FE/ST/1B.1	Marshes and swamps (freshwater or brackish)/perennial rhizomatous herb/Apr–Oct/15–1085	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Navarretia fossalis</i>	spreading navarretia	FT/None/1B.1	Chenopod scrub, Marshes and swamps (assorted shallow freshwater), Playas, Vernal pools/annual herb/Apr–June/95–2150	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Navarretia prostrata</i>	prostrate vernal pool navarretia	None/None/1B.1	Coastal scrub, Meadows and seeps, Valley and foothill grassland (alkaline), Vernal pools; Mesic/annual herb/Apr–July/5–3970	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Nemacaulis denudata</i> var. <i>denudata</i>	coast woolly-heads	None/None/1B.2	Coastal dunes/annual herb/Apr–Sep/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Orcuttia californica</i>	California Orcutt grass	FE/SE/1B.1	Vernal pools/annual herb/Apr–Aug/45–2165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Pentachaeta lyonii</i>	Lyon's pentachaeta	FE/SE/1B.1	Chaparral (openings), Coastal scrub, Valley and foothill grassland; rocky, clay/annual herb/(Feb)Mar–Aug/95–2265	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Phacelia hubbyi</i>	Hubby's phacelia	None/None/4.2	Chaparral, Coastal scrub, Valley and foothill grassland; gravelly, rocky, talus/annual herb/Apr–July/0–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Phacelia ramosissima</i> var. <i>austrolitoralis</i>	south coast branching phacelia	None/None/3.2	Chaparral, Coastal dunes, Coastal scrub, Marshes and swamps (coastal salt); sandy, sometimes rocky/perennial herb/Mar–Aug/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Phacelia stellaris</i>	Brand's star phacelia	None/None/1B.1	Coastal dunes, Coastal scrub/annual herb/Mar–June/0–1310	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Potentilla multijuga</i>	Ballona cinquefoil	None/None/1A	Meadows and seeps (brackish)/perennial herb/June–Aug/0–5	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; sandy, gravelly/perennial herb/(July)Aug–Nov(Dec)/0–6890	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Quercus dumosa</i>	Nuttall's scrub oak	None/None/1B.1	Closed-cone coniferous forest, Chaparral, Coastal scrub; sandy, clay loam/perennial evergreen shrub/Feb–Apr(May–Aug)/45–1310	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Sidalcea neomexicana</i>	salt spring checkerbloom	None/None/2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; alkaline, mesic/perennial herb/Mar–June/45–5020	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Spermolepis lateriflora</i>	western bristly scaleseed	None/None/2A	Sonoran desert scrub; Rocky or sandy/annual herb/Mar–Apr/1195–2200	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Suaeda esteroa</i>	estuary seablite	None/None/1B.2	Marshes and swamps (coastal salt)/perennial herb/(May)July–Oct(Jan)/0–15	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Suaeda taxifolia</i>	woolly seablite	None/None/4.2	Coastal bluff scrub, Coastal dunes, Marshes and swamps (margins of coastal salt)/perennial evergreen shrub/Jan–Dec/0–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Symphotrichum defoliatum</i>	San Bernardino aster	None/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Meadows and seeps, Marshes and swamps, Valley and foothill grassland (vernally mesic); near ditches, streams, springs/perennial rhizomatous herb/July–Nov(Dec)/5–6695	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
<i>Symphotrichum greatae</i>	Greata's aster	None/None/1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Riparian woodland; mesic/perennial rhizomatous herb/June–Oct/980–6595	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur ²
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern	None/None/2B.2	Meadows and seeps (seeps and streams)/perennial rhizomatous herb/Jan–Sep/160–2000	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Notes:

¹ Status abbreviations:

FE: Federally listed as endangered

FT: Federally listed as threatened

FC: Federal Candidate for listing

SE: State listed as endangered

ST: State listed as threatened

CRPR List 1A: Plants Presumed Extirpated in California and Either Rare or Extinct Elsewhere

CRPR List 1B: Plants Rare, Threatened, or Endangered in California and Elsewhere

CRPR List 2A: Plants Presumed Extirpated in California, But More Common Elsewhere

CRPR List 2B: Plants Rare, Threatened, or Endangered in California, But More Common Elsewhere

CRPR List 3: Review List: Plants about which more information is needed

CRPR List 4: Watch List: Plants of limited distribution

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

.2 Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)

.3 Not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

² Refers to records within the U.S. Geologic Survey's *Los Angeles* 7.5-minute quadrangle (quad) and the eight surrounding quads.

References:

CCH (Consortium of California Herbaria). 2020. Data provided by the participants of the Consortium of California Herbaria. Accessed May 2020. <http://ucjeps.berkeley.edu/consortium/>.

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<https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx>

CNPS (California Native Plant Society). 2020. *Inventory of Rare and Endangered Plants*. Online ed. Version 8-03 0.45. Sacramento, California: CNPS. Accessed May 2020.

<http://www.rareplants.cnps.org/advanced.html>.

**Pacific Coast Commons Specific Plan EIR Project
Special-Status Wildlife Species Potential to Occur within the Project Site**

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Invertebrates</i>				
<i>Aglaothorax longipennis</i>	Santa Monica shieldback katydid	None/None	Occurs nocturnally in chaparral and canyon stream-bottom vegetation in the Santa Monica Mountains of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Bombus crotchii</i>	Crotch bumble bee	None/PSE	Open grassland and scrub communities supporting suitable floral resources.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Brennania belkini</i>	Belkin's dune tabanid fly	None/None	Inhabits coastal sand dunes of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Carolella busckana</i>	Busck's gallmoth	None/None	Coastal scrub dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Cicindela gabbii</i>	western tidal-flat tiger beetle	None/None	Inhabits estuaries and mudflats along the coast of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Cicindela hirticollis gravida</i>	sandy beach tiger beetle	None/None	Inhabits areas adjacent to non-brackish water along the coast of California from San Francisco Bay to northern Mexico	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Cicindela senilis frosti</i>	senile tiger beetle	None/None	Inhabits marine shoreline, from Central California coast south to saltmarshes of San Diego; also found at Lake Elsinore	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Coelus globosus</i>	globose dune beetle	None/None	Inhabitant of coastal sand dune habitat; erratically distributed from Ten Mile Creek in Mendocino County south to Ensenada, Mexico	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Danaus plexippus</i> pop. 1	monarch - California overwintering population	None/None	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.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Eucosma hennei</i>	Henne's eucosman moth	None/None	Endemic to El Segundo dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Euphilotes battoides allyni</i>	El Segundo blue butterfly	FE/None	Remnant coastal dune habitat in Los Angeles and Santa Barbara Counties	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Glaucopsyche lygdamus palosverdesensis</i>	Palos Verdes blue butterfly	FE/None	Cool, fog-shrouded, seaward side of Palos Verdes Hills, Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Onychobaris langei</i>	Lange's El Segundo Dune weevil	None/None	Known from El Segundo Dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Panoquina errans</i>	wandering skipper	None/None	Saltmarsh	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Rhaphiomidas terminatus terminatus</i>	El Segundo flower-loving fly	None/None	Presumed extinct but recently discovered on Malaga Dunes, Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Socalchemmis gertschi</i>	Gertsch's socialchemmis spider	None/None	Known from only 2 localities in Los Angeles County: Brentwood (type locality) and Topanga Canyon	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Trigonoscuta dorothea dorothea</i>	Dorothy's El Segundo Dune weevil	None/None	Coastal sand dunes in Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Tryonia imitator</i>	mimic tryonia (=California brackishwater snail)	None/None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Amphibians</i>				
<i>Oncorhynchus mykiss irideus pop. 10</i>	southern steelhead - southern California DPS	FE/None	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Siphateles bicolor mohavensis</i>	Mohave tui chub	FE/FP, SE	Lacustrine ponds or pools; 4 feet min water depth; freshwater flow; mineralized and alkaline environment; habitat for aquatic invertebrate prey and egg attachment substrate; <i>Ruppia maritima</i> preferred for egg attachment and thermal refuge in summer months	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Amphibians</i>				
<i>Spea hammondi</i>	western spadefoot	None/SSC	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley-foothill woodlands, pastures, and other agriculture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Reptiles</i>				
<i>Actinemys marmorata</i>	northwestern pond turtle	None/SSC	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Anniella stebbinsi</i>	southern California legless lizard	None/SSC	Coastal dunes, stabilized dunes, beaches, dry washes, valley-foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Aspidoscelis tigris stejnegeri</i>	San Diegan tiger whiptail	None/SSC	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Diadophis punctatus modestus</i>	San Bernardino ring-necked snake	None/None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Phrynosoma blainvillii</i>	Blainville's horned lizard	None/SSC	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley-foothill hardwood, conifer, riparian, pine-cypress, juniper, and annual grassland habitats	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Thamnophis hammondi</i>	two-striped gartersnake	None/SSC	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Birds</i>				
<i>Agelaius tricolor</i> (nesting colony)	tricolored blackbird	BCC/SSC, ST	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Aimophila ruficeps canescens</i>	Southern California rufous-crowned sparrow	None/WL	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Athene cunicularia</i> (burrow sites and some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Buteo swainsoni</i> (nesting)	Swainson's hawk	BCC/ST	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Charadrius alexandrinus nivosus</i> (nesting)	western snowy plover	FT, BCC/SSC	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Coccyzus americanus occidentalis</i> (nesting)	western yellow-billed cuckoo	FT, BCC/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Coturnicops noveboracensis</i>	yellow rail	BCC/SSC	Nesting requires wet marsh/sedge meadows or coastal marshes with wet soil and shallow, standing water	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Empidonax traillii extimus</i> (nesting)	southwestern willow flycatcher	FE/SE	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Laterallus jamaicensis coturniculus</i>	California black rail	BCC/FP, ST	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Passerculus sandwichensis beldingi</i>	Belding's savannah sparrow	None/SE	Nests and forages in coastal saltmarsh dominated by pickleweed (<i>Salicornia</i> spp.)	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Polioptila californica californica</i>	coastal California gnatcatcher	FT/SSC	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Riparia riparia</i> (nesting)	bank swallow	None/ST	Nests in riparian, lacustrine, and coastal areas with vertical banks, bluffs, and cliffs with sandy soils; open country and water during migration	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Sternula antillarum browni</i> (nesting colony)	California least tern	FE/FP, SE	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Vireo bellii pusillus</i> (nesting)	least Bell's vireo	FE/SE	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Mammals</i>				
<i>Antrozous pallidus</i>	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Eumops perotis californicus</i>	western mastiff bat	None/SSC	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Lasionycteris noctivagans</i>	silver-haired bat	None/None	Old-growth forest, maternity roosts in trees, large snags 50 feet aboveground; hibernates in hollow trees, rock crevices, buildings, mines, caves, and under sloughing bark; forages in or near coniferous or mixed deciduous forest, stream or river drainages	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Lasiurus cinereus</i>	hoary bat	None/None	Forest, woodland riparian, and wetland habitats; also juniper scrub, riparian forest, and desert scrub in arid areas; roosts in tree foliage and sometimes cavities, such as woodpecker holes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Microtus californicus stephensi</i>	south coast marsh vole	None/SSC	Tidal marshes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat	None/SSC	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Nyctinomops macrotis</i>	big free-tailed bat	None/SSC	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State)	Habitat	Potential to Occur ²
<i>Perognathus longimembris pacificus</i>	Pacific pocket mouse	FE/SSC	fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Sorex ornatus salicornicus</i>	southern California saltmarsh shrew	None/SSC	Saltmarsh, saltgrass, dense willow, bulrush	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
<i>Taxidea taxus</i>	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Notes:

¹ Status abbreviations:

- FE: Federally listed as endangered
- FT: Federally listed as threatened
- FC: Federal Candidate for listing
- FDL: Federal Delisted
- BCC: Bird of Conservation Concern – U.S. Fish and Wildlife Service
- SE: State listed as endangered
- ST: State listed as threatened
- CSE: State Candidate for listing as endangered
- FP: Fully Protected – State of California
- SDL: State Delisted
- SSC: Species of Special Concern – California Department of Fish and Wildlife
- WL: Watch List – California Department of Fish and Wildlife

² Refers to records within the U.S. Geologic Survey's *Los Angeles* 7.5-minute quadrangle (quad) and the eight surrounding quads.

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