
Appendix C-3

Potential for Special-Status Plants and Wildlife to Occur
within the Study Area

APPENDIX C-3 / POTENTIAL FOR SPECIAL-STATUS PLANT SPECIES TO OCCUR WITHIN THE STUDY AREA

Scientific Name	Common Name	Status* (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	None/None/1B.1	Chaparral, Coastal scrub, Desert dunes; Sandy/annual herb/(Jan)Mar-Sep/245-5,245	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Aphanisma blitoides</i>	aphanisma	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/annual herb/Feb-June/5-1,000	Not expected to occur. No suitable vegetation present.
<i>Astragalus hornii</i> var. <i>hornii</i>	Horn's milk-vetch	None/None/1B.1	Meadows and seeps, Playas; Alkaline, Lake Margins/annual herb/May-Oct/195-2,785	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<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, brackish)/perennial herb/(June)Aug-Oct/5-115	Not expected to occur. No suitable vegetation present.
<i>Atriplex coulteri</i>	Coulter's saltbush	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; Alkaline (sometimes), Clay (sometimes)/perennial herb/Mar-Oct/10-1,505	Not expected to occur. Grassland onsite is disturbed and graded. This species is conspicuous throughout the year and was not observed during the bio recon onsite.
<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. No suitable vegetation present.
<i>Atriplex parishii</i>	Parish's brittlescale	None/None/1B.1	Chenopod scrub, Playas, Vernal pools; Alkaline/annual herb/June-Oct/80-6,230	Not expected to occur. No suitable vegetation present.
<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/35-655	Not expected to occur. No suitable vegetation present.
<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/50-2,295	Not expected to occur. Site is predominantly developed. Grassland onsite is disturbed and graded, used for recreational purposes, and maintained.

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<i>Calochortus weedii</i> <i>var. intermedius</i>	intermediate mariposa-lily	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; Rocky/perennial bulbiferous herb/May-July/345-2,805	Not expected to occur. The site is outside of the species' known elevation range.
<i>Calystegia felix</i>	lucky morning- glory	None/None/1B.1	Meadows and seeps (sometimes alkaline), Riparian scrub (alluvial); Alkaline (sometimes), Loam (sometimes)/annual rhizomatous herb/Mar-Sep/100-705	Not expected to occur. No suitable vegetation present.
<i>Camissoniopsis</i> <i>lewisii</i>	Lewis' evening- primrose	None/None/3	Cismontane woodland, Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; Clay (sometimes), Sandy (sometimes)/annual herb/Mar- May(June)/0-985	Not expected to occur. Grassland onsite is disturbed and graded. Soils onsite have been compacted and site is predominantly developed.
<i>Centromadia parryi</i> <i>ssp. 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- 1,570	Not expected to occur. No vernally mesic habitat within non-native grassland onsite.
<i>Chaenactis</i> <i>glabriuscula var.</i> <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. No suitable vegetation present.
<i>Chloropyron</i> <i>maritimum ssp.</i> <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. No suitable vegetation present.
<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. Grassland onsite is disturbed by maintenance and graded. Soils onsite have been compacted and site is predominantly developed.
<i>Comarostaphylis</i> <i>diversifolia ssp.</i> <i>diversifolia</i>	summer holly	None/None/1B.2	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr- June/100-2,590	Not expected to occur. No suitable vegetation present.
<i>Convolvulus</i> <i>simulans</i>	small-flowered morning-glory	None/None/4.2	Chaparral (openings), Coastal scrub, Valley and foothill grassland; Clay, Seeps,	Not expected to occur. No clay or serpentine soils present within non- native grassland onsite.

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Scientific Name	Common Name	Status* (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
			Serpentinite/annual herb/Mar-July/100-2,425	
<i>Deinandra paniculata</i>	paniculate tarplant	None/None/4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; Sandy (sometimes), Vernal Mesic (usually)/annual herb/(Mar)Apr-Nov/80-3,080	Not expected to occur. Grassland onsite is disturbed by maintenance and graded. Soils onsite have been compacted and site is predominantly developed.
<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/165-1,640	Not expected to occur. Grassland onsite is disturbed by maintenance and graded. Soils onsite have been compacted and site is predominantly developed.
<i>Dudleya multicaulis</i>	many-stemmed dudleya	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; Clay (often)/perennial herb/Apr-July/50-2,590	Not expected to occur. No suitable soils onsite. Grassland onsite is graded and maintained.
<i>Dudleya stolonifera</i>	Laguna Beach dudleya	FT/ST/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; Rocky/perennial stoloniferous herb/May-July/35-855	Not expected to occur. The site is outside the species' known range.
<i>Eleocharis parvula</i>	small spikerush	None/None/4.3	Marshes and swamps/perennial herb/(Apr)June-Aug(Sep)/5-9,905	Not expected to occur. No suitable vegetation present.
<i>Eriastrum densifolium ssp. sanctorum</i>	Santa Ana River woollystar	FE/SE/1B.1	Chaparral, Coastal scrub (alluvial fans); Gravelly (sometimes), Sandy (sometimes)/perennial herb/Apr-Sep/300-2,000	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Eryngium aristulatum var. parishii</i>	San Diego button-celery	FE/SE/1B.1	Coastal scrub, Valley and foothill grassland, Vernal pools; Mesic/annual/perennial herb/Apr-June/65-2,030	Not expected to occur. No vernal mesic habitat within non-native grassland onsite.
<i>Euphorbia misera</i>	cliff spurge	None/None/2B.2	Coastal bluff scrub, Coastal scrub, Mojavean desert scrub; Rocky/perennial shrub/(Oct)Dec-Aug/35-1,640	Not expected to occur. No suitable vegetation present.

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<i>Harpagonella palmeri</i>	Palmer's grapplinghook	None/None/4.2	Chaparral, Coastal scrub, Valley and foothill grassland; Clay, Openings/annual herb/Mar–May/65–3,130	Not expected to occur. No clay soils present within non-native grassland onsite.
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	None/None/1A	Marshes and swamps (freshwater, coastal salt)/perennial rhizomatous herb/Aug–Oct/35–5,000	Not expected to occur. No suitable vegetation present.
<i>Hordeum intercedens</i>	vernal barley	None/None/3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland (depressions, saline flats), Vernal pools/annual herb/Mar–June/15–3,280	Not expected to occur. No vernally mesic habitat within non-native grassland onsite.
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	None/None/1B.1	Chaparral (maritime), Cismontane woodland, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/perennial herb/Feb–July(Sep)/230–2,655	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Isocoma menziesii</i> var. <i>decumbens</i>	decumbent goldenbush	None/None/1B.2	Chaparral, Coastal scrub (often disturbed areas, sandy)/perennial shrub/Apr–Nov/35–820	Not expected to occur. No suitable vegetation present.
<i>Juglans californica</i>	Southern California black walnut	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland/perennial deciduous tree/Mar–Aug/165–2,950	Not expected to occur. No suitable vegetation present.
<i>Juncus acutus</i> ssp. <i>leopoldii</i>	southwestern spiny rush	None/None/4.2	Coastal dunes (mesic), Coastal scrub, Marshes and swamps (coastal salt), Meadows and seeps (alkaline seeps)/perennial rhizomatous herb/(Mar)May–June/10–2,950	Not expected to occur. No suitable vegetation present.
<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/5–4,000	Not expected to occur. No suitable vegetation present.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	None/None/4.3	Chaparral, Coastal scrub/annual herb/Jan–July/5–2,900	Not expected to occur. No suitable vegetation present.

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<i>Lycium californicum</i>	California box-thorn	None/None/4.2	Coastal bluff scrub, Coastal scrub/perennial shrub/Mar-Aug(Dec)/15-490	Not expected to occur. No suitable vegetation present.
<i>Malacothrix saxatilis</i> var. <i>saxatilis</i>	cliff malacothrix	None/None/4.2	Coastal bluff scrub, Coastal scrub/perennial rhizomatous herb/Mar-Sep/10-655	Not expected to occur. No suitable vegetation present.
<i>Nama stenocarpa</i>	mud nama	None/None/2B.2	Marshes and swamps (lake margins, riverbanks)/annual/perennial herb/Jan-July/15-1,640	Not expected to occur. No suitable vegetation present.
<i>Nasturtium gambelii</i>	Gambel's water cress	FE/ST/1B.1	Marshes and swamps (brackish, freshwater)/perennial rhizomatous herb/Apr-Oct/15-1,080	Not expected to occur. No suitable vegetation present.
<i>Navarretia prostrata</i>	prostrate vernal pool navarretia	None/None/1B.2	Coastal scrub, Meadows and seeps, Valley and foothill grassland (alkaline), Vernal pools; Mesic/annual herb/Apr-July/10-3,965	Not expected to occur. No vernal mesic habitat within non-native grassland onsite.
<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. No suitable vegetation present.
<i>Orcuttia californica</i>	California Orcutt grass	FE/SE/1B.1	Vernal pools/annual herb/Apr-Aug/50-2,165	Not expected to occur. No suitable vegetation present.
<i>Pentachaeta aurea</i> ssp. <i>allenii</i>	Allen's pentachaeta	None/None/1B.1	Coastal scrub (openings), Valley and foothill grassland/annual herb/Mar-June/245-1,705	Not expected to occur. The site is outside of the species' known elevation range.
<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); Rocky (sometimes), Sandy/perennial herb/Mar-Aug/15-985	Not expected to occur. No suitable vegetation present.
<i>Phacelia stellaris</i>	Brand's star phacelia	None/None/1B.1	Coastal dunes, Coastal scrub/annual herb/Mar-June/5-1,310	Not expected to occur. No suitable vegetation present.
<i>Quercus dumosa</i>	Nuttall's scrub oak	None/None/1B.1	Chaparral, Closed-cone coniferous forest, Coastal scrub; Clay, Loam,	Not expected to occur. No suitable vegetation present.

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Scientific Name	Common Name	Status* (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
			Sandy/perennial evergreen shrub/Feb-Apr(May-Aug)/50-1,310	
<i>Sagittaria sanfordii</i>	Sanford's arrowhead	None/None/1B.2	Marshes and swamps (shallow freshwater)/perennial rhizomatous herb (emergent)/May-Oct(Nov)/0-2,130	Not expected to occur. No suitable vegetation present.
<i>Senecio aphanactis</i>	chaparral ragwort	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub; Alkaline (sometimes)/annual herb/Jan-Apr(May)/50-2,620	Not expected to occur. No suitable vegetation present.
<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/50-5,015	Not expected to occur. No suitable vegetation present.
<i>Suaeda esteroa</i>	estuary seablite	None/None/1B.2	Marshes and swamps (coastal salt)/perennial herb/(Jan-May)July-Oct/0-15	Not expected to occur. No suitable vegetation present.
<i>Suaeda taxifolia</i>	woolly seablite	None/None/4.2	Coastal bluff scrub, Coastal dunes, Marshes and swamps (coastal margins)/perennial evergreen shrub/Jan-Dec/0-165	Not expected to occur. No suitable vegetation present.
<i>Symphyotrichum defoliatum</i>	San Bernardino aster	None/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Valley and foothill grassland (vernal mesic); Streambanks/perennial rhizomatous herb/July-Nov/5-6,690	Not expected to occur. No vernal mesic habitat within non-native grassland onsite.
<i>Verbesina dissita</i>	big-leaved crownbeard	FT/ST/1B.1	Chaparral (maritime), Coastal scrub/perennial herb/(Mar)Apr-July/150-675	Not expected to occur. No suitable vegetation present.

***Status Legend:**

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

SC: State Candidate for listing

SR: State Rare

CRPR 1A: Plants presumed extirpated in California and either rare or extinct elsewhere

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

CRPR 2A: Plants presumed extirpated in California but common elsewhere

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

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

CRPR 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)

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Scientific Name	Common Name	Status* (Federal/State)	Habitat	Potential to Occur
Amphibians				
<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. No suitable wetland vegetation present.
Reptiles				
<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. No suitable vegetation present.
<i>Aspidoscelis hyperythra</i>	orange-throated whiptail	None/WL	Low-elevation coastal scrub, chaparral, and valley-foothill hardwood	Not expected to occur. No suitable vegetation present.
<i>Chelonia mydas</i>	green sea turtle	FT/None	Shallow waters of lagoons, bays, estuaries, mangroves, eelgrass, and seaweed beds	Not expected to occur. No suitable vegetation present.
<i>Crotalus ruber</i>	red diamondback rattlesnake	None/SSC	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	Not expected to occur. No suitable vegetation present. Grassland onsite is not rocky.
<i>Emys marmorata</i>	western 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. No suitable vegetation or wetland habitat present.
<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. No suitable vegetation present. Non-native grassland onsite is maintained. Soils onsite have been compacted and graded for past development.
Birds				
<i>Accipiter cooperii</i> (nesting)	Cooper's hawk	BCC/WL	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	Not expected to occur. No suitable nesting or foraging habitat present.

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<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. No suitable foraging or nesting habitat present.
<i>Aimophila ruficeps canescens</i>	Southern California rufous-crowned sparrow	BCC/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. No suitable nesting or foraging habitat present.
<i>Ammodramus savannarum</i> (nesting)	grasshopper sparrow	None/SSC	Nests and forages in moderately open grassland with tall forbs or scattered shrubs used for perches	Low potential to occur. Open grassland with scattered ornamental vegetation present may provide suitable foraging or nesting habitat for this species.
<i>Ardea herodias</i> (nesting colony)	great blue heron	None/None	Nests in large trees or snags; forages in wetlands, water bodies, watercourses, and opportunistically in uplands, including pasture and croplands	Low potential to occur. Site is surrounded by a golf course with ornamental vegetation that could provide nesting and foraging opportunities for this species on the study area.
<i>Athene cunicularia</i> (burrow sites & some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Moderate potential to occur. Disturbed land and open grassland present. Nearest occurrence record is approximately 0.5 miles northwest of the study area, in Fairview Park. CA ground squirrel onsite. Recommend BUOW focused surveys to confirm presence/absence onsite.
<i>Buteo regalis</i> (wintering)	ferruginous hawk	None/WL	Winters and forages in open, dry country, grasslands, open fields, agriculture	Not expected to occur. Grasslands onsite are fragmented and unlikely to support winter or foraging opportunities for this species.
<i>Buteo swainsoni</i> (nesting)	Swainson's hawk	None/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	Low potential to occur. Isolated large ornamental trees and non-native grassland present could provide foraging and nesting opportunities for this species.

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<i>Campylorhynchus brunneicapillus sandiegensis</i> (SD & Orange Counties only)	coastal cactus wren	None/SSC	Southern cactus scrub patches	Not expected to occur. No suitable nesting or foraging habitat present.
<i>Charadrius nivosus 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. No suitable nesting or foraging habitat present.
<i>Coccyzus americanus occidentalis</i> (nesting)	western yellow-billed cuckoo	FT/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. No suitable nesting or foraging habitat present.
<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. No suitable vegetation present.
<i>Elanus leucurus</i> (nesting)	white-tailed kite	None/FP	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands	Moderate potential to occur. Suitable nesting and foraging opportunities onsite (isolated ornamental trees, disturbed land, grassland).
<i>Eremophila alpestris actia</i>	California horned lark	None/WL	This subspecies of horned lark occurs on the state's southern and central coastal slope and in the San Joaquin Valley. Nests and forages in grasslands, disturbed lands, agriculture, and beaches.	Moderate potential to occur. Disturbed land and open grassland present.
<i>Falco peregrinus anatum</i> (nesting)	American peregrine falcon	FPD/FP, SCD	Nests on cliffs, buildings, and bridges; forages in wetlands, riparian, meadows, croplands, especially where waterfowl are present	Low potential to occur. No foraging habitat present. Limited suitable nesting habitat present (buildings).
<i>Icteria virens</i> (nesting)	yellow-breasted chat	None/SSC	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	Not expected to occur. No suitable nesting habitat present.

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<i>Laterallus jamaicensis coturniculus</i>	California black rail	None/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. No suitable nesting or foraging habitat present.
<i>Pandion haliaetus</i> (nesting)	osprey	None/WL	Large waters (lakes, reservoirs, rivers) supporting fish; usually near forest habitats, but widely observed along the coast	Not expected to occur. No suitable foraging or nesting habitat present.
<i>Passerculus sandwichensis beldingi</i>	Belding's savannah sparrow	BCC/SE	Nests and forages in coastal saltmarsh dominated by pickleweed (<i>Salicornia</i> spp.)	Not expected to occur. No suitable nesting or foraging habitat present.
<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. No suitable nesting or foraging habitat present.
<i>Rallus obsoletus levipes</i>	Ridgway's rail	FE/FP, SE	Coastal wetlands, brackish areas, coastal saline emergent wetlands	Not expected to occur. No suitable wetland habitat present.
<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. No suitable nesting or wintering habitat present.
<i>Rynchops niger</i> (nesting colony)	black skimmer	BCC/SSC	Nests on barrier beaches, shell banks, spoil islands, and saltmarsh; forages over open water; roosts on sandy beaches and gravel bars	Not expected to occur. No suitable nesting or foraging habitat present.
<i>Setophaga petechia</i> (nesting)	yellow warbler	None/SSC	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	Not expected to occur. No suitable nesting or foraging habitat present.
<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. No suitable foraging or nesting habitat present.
<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. No suitable foraging or nesting habitat present.

APPENDIX C-3 / POTENTIAL FOR SPECIAL-STATUS WILDLIFE SPECIES TO OCCUR ON THE STUDY AREA

Scientific Name	Common Name	Status* (Federal/State)	Habitat	Potential to Occur
Fishes				
<i>Catostomus santaanae</i>	Santa Ana sucker	FT/None	Small, shallow, cool, clear streams less than 7 meters (23 feet) in width and a few centimeters to more than a meter (1.5 inches to more than 3 feet) in depth; substrates are generally coarse gravel, rubble, and boulder	Not expected to occur. No aquatic habitat present.
<i>Eucyclogobius newberryi</i>	tidewater goby	FE/None	Brackish water habitats along the California coast from Agua Hedionda Lagoon, San Diego County, to the mouth of the Smith River	Not expected to occur. No aquatic habitat present.
<i>Oncorhynchus mykiss irideus</i> pop. 10	southern steelhead - southern California DPS	FE/SCE	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	Not expected to occur. No suitable aquatic habitat present.
Mammals				
<i>Aeorestes cinereus</i>	northern 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. No suitable roosting or foraging habitat present.
<i>Choeronycteris mexicana</i>	Mexican long-tongued bat	None/SSC	Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon-juniper woodland; roosts in caves, mines, and buildings	Low potential to occur. Limited roosting habitat (buildings) present.
<i>Dasypterus xanthinus</i>	western yellow bat	None/SSC	Valley-foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	Not expected to occur. No suitable roosting or foraging habitat present.
<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	Low potential to occur. Limited roosting habitat (ornamental trees) present.
<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	Low potential to occur. Limited roosting habitat present (buildings and trees).

APPENDIX C-3 / POTENTIAL FOR SPECIAL-STATUS WILDLIFE SPECIES TO OCCUR ON THE STUDY AREA

Scientific Name	Common Name	Status* (Federal/State)	Habitat	Potential to Occur
			or mixed deciduous forest, stream or river drainages	
<i>Microtus californicus stephensi</i>	south coast marsh vole	None/SSC	Tidal marshes	Not expected to occur. No suitable marsh habitat present.
<i>Myotis yumanensis</i>	Yuma myotis	None/None	Riparian, arid scrublands and deserts, and forests associated with water (streams, rivers, tinajas); roosts in bridges, buildings, cliff crevices, caves, mines, and trees	Low potential to occur. Limited roosting habitat present (trees and buildings). No foraging habitat present.
<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	Low potential to occur. Limited roosting habitat present (trees and buildings). No foraging habitat present.
<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. No suitable coastal habitat or river alluvium present.
<i>Sorex ornatus salicornicus</i>	southern California saltmarsh shrew	None/SSC	Saltmarsh, saltgrass, dense willow, bulrush	Not expected to occur. No suitable vegetation present.
<i>Taxidea taxus</i>	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Low potential to occur. Grassland onsite but area is not dry or contain friable soils.
Invertebrates				
<i>Bombus crotchii</i>	Crotch bumble bee	None/SCE	Open grassland and scrub communities supporting suitable floral resources.	Low potential to occur. Grassland onsite contains suitable floral nectar resources for this species to forage.
<i>Branchinecta sandiegonensis</i>	San Diego fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable vegetation present.
<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. No wetland habitat present.

APPENDIX C-3 / POTENTIAL FOR SPECIAL-STATUS WILDLIFE SPECIES TO OCCUR ON THE STUDY AREA

Scientific Name	Common Name	Status* (Federal/State)	Habitat	Potential to Occur
<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. No brackish water present.
<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. No marine shoreline present.
<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. No coastal dune habitat present.
<i>Euphydryas editha quino</i>	quino checkerspot butterfly	FE/None	Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include <i>Plantago erecta</i> , <i>P. patagonica</i> , and <i>Antirrhinum coulterianum</i> , among others	Not expected to occur. Grassland onsite does not contain known host plants and the area is fragmented, surrounded by a golf course and urban development.
<i>Nyctinomops macrotis</i>	San Gabriel chestnut	None/None	Found in the San Gabriel Mountains, including the LA National Forest and in lowlands in parts of the LA basin.	Not expected to occur. The site is outside the species' known range.
<i>Panoquina errans</i>	wandering skipper	None/None	Saltmarsh	Not expected to occur. No suitable vegetation present.
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No wetland habitat present.
<i>Trigonoscuta dorothea dorothea</i>	Dorothy's El Segundo Dune weevil	None/None	Coastal sand dunes in Los Angeles County	Not expected to occur. The site is outside the species' known range and there is no suitable habitat present. .
<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. No suitable wetland habitat present.
<i>Cicindela latesignata</i>	western beach tiger beetle	None/None	Mudflats and beaches in coastal Southern California	Not expected to occur. No coastal habitat or mudflats present.
<i>Danaus plexippus plexippus pop. 1</i>	monarch - California	FC/None	Wind-protected tree groves with nectar sources and nearby water sources	Low potential to occur. Ornamental trees (red gum and blue gum Eucalyptus) onsite could provide

Scientific Name	Common Name	Status* (Federal/State)	Habitat	Potential to Occur
	overwintering population			overwintering habitat. In addition, grassland contains forbs that provide suitable floral nectar resources for this species to forage onsite.

***Status Abbreviations:**

- FE: Federally listed as endangered
- FT: Federally listed as threatened
- FPE: Federally proposed for listing as endangered
- PFT: Federally proposed for listing as threatened
- FC: Federal candidate species (former Category 1 candidates)
- BCC: U.S. Fish and Wildlife Service Bird of Conservation Concern
- BLM: Bureau of Land Management Sensitive Species
- USFS: U.S. Forest Service Sensitive Species
- SSC: California Species of Special Concern
- FP: California Fully Protected Species
- WL: California Watch List Species
- SE: State listed as endangered
- ST: State listed as threatened
- SC: State candidate for listing as threatened or endangered
- SCE: State candidate for listing as endangered
- SCT: State candidate for listing as threatened