

Appendix B

Biological Resources Attachments

Appendix B-1

Plant Species Compendium

PLANTS

EUDICOTS

VASCULAR SPECIES

ANACARDIACEAE—SUMAC OR CASHEW FAMILY

- * *Schinus molle*—Peruvian peppertree

ASTERACEAE—SUNFLOWER FAMILY

- Heterotheca grandiflora*—telegraphweed
- Matricaria discoidea*—disc mayweed
- * *Sonchus asper*—spiny sowthistle
- * *Sonchus oleraceous*—common sowthistle

BORAGINACEAE—BORAGE FAMILY

- * *Amsinckia menziesii*—Menzies' fiddleneck

BRASSICACEAE—MUSTARD FAMILY

- * *Capsella bursa-pastoris*—shepherd's purse
- * *Hirschfeldia incana*—shortpod mustard

CYPERACEAE—SEDGE FAMILY

- Cyperus eragrostis*—tall flatsedge

FABACEAE- LEGUME FAMILY

- Medicago polymorpha*—burclover
- Melilotus officinalis*—sweet clover

GERANIACEAE- GERANIUM FAMILY

- Erodium cicutarium*—redstem stork's bill

MALVACEAE—MALLOW FAMILY

- * *Malva parviflora*—cheeseweed mallow

ONOGRACEAE—EVENING PRIMROSE FAMILY

- * *Oenothera laciniata*—cutleaf evening primrose

MONOCOTS

VASCULAR SPECIES

POACEAE—GRASS FAMILY

- * *Avena barbata*—slender oat
- * *Bromus rubens*—red brome
- Hordeum brachyantherum*—meadow barley
- * *Polypogon monspeliensis*—annual rabbitsfoot grass

Appendix B-2

Plant Species Potential to Occur Table

APPENDIX B-2

Special-Status Plant Species Potential to Occur within the Study Area

Scientific Name	Common Name	Status ¹ (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/246–5,245	Not expected to occur. Although there are sandy soils present, there is no suitable habitat for this species to occur.
<i>Acanthoscyphus</i> <i>parishii</i> var. <i>parishii</i>	Parish's oxytheca	None/None/4.2	Chaparral, Lower montane coniferous forest; sandy or gravelly/annual herb/June– Sep/4,000–8,530	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Allium howellii</i> var. <i>clokeyi</i>	Mt. Pinos onion	None/None/1B.3	Great Basin scrub, Meadows and seeps (edges), Pinyon and juniper woodland/perennial bulbiferous herb/Apr– June/4,265–6,065	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Allium marvinii</i>	Yucaipa onion	None/None/1B.2	Chaparral (clay, openings)/perennial bulbiferous herb/Apr–May/2,490–3,490	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Androsace elongata</i> ssp. <i>acuta</i>	California androsace	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Meadows and seeps, Pinyon and juniper woodland, Valley and foothill grassland/annual herb/Mar–June/492–4,280	Not expected to occur. The grasslands onsite are extremely disturbed and have compact soils composed of nonnative species.
<i>Arenaria paludicola</i>	marsh sandwort	FE/SE/1B.1	Marshes and swamps (freshwater or brackish); sandy, openings/perennial stoloniferous herb/May– Aug/10–560	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Artemisia palmeri</i>	San Diego sagewort	None/None/4.2	Chaparral, Coastal scrub, Riparian forest, Riparian scrub, Riparian woodland; sandy, mesic/perennial deciduous shrub/(Feb)May–Sep/49–3,000	Not expected to occur. Although there are sandy soils present, there is no suitable habitat for this species to occur.
<i>Asplenium vespertinum</i>	western spleenwort	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub; rocky/perennial rhizomatous herb/Feb–June/591–3,280	Not expected to occur. No suitable vegetation present.
<i>Astragalus homii</i> <i>var. homii</i>	Horn's milk-vetch	None/None/1B.1	Meadows and seeps, Playas; lake margins, alkaline/annual herb/May–Oct/197–2,785	Not expected to occur. No suitable vegetation present.
<i>Atriplex coronata</i> <i>var. notator</i>	San Jacinto Valley crownscale	FE/None/1B.1	Playas, Valley and foothill grassland (mesic), Vernal pools; alkaline/annual herb/Apr–Aug/456–1,640	Not expected to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species. The nearest CNDDDB occurrence is 16 miles southeast of the Study Area (CNDDDB 2021).
<i>Atriplex serenana</i> <i>var. davidsonii</i>	Davidson's saltscale	None/None/1B.2	Coastal bluff scrub, Coastal scrub; alkaline/annual herb/Apr–Oct/33–655	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Berberis nevini</i>	Nevin's barberry	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; sandy or gravelly/perennial evergreen shrub/(Feb)Mar–June/230–2,705	Not expected to occur. Although there are sandy soils present, there is no suitable habitat present for this species to occur.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	FT/SE/1B.1	Chaparral (openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; often clay/perennial bulbiferous herb/Mar–June/82–3,670	Low potential to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species. The nearest CNDDDB occurrence is 5.6 miles northwest of the Study within the Arrowhead Springs area (CDFW 2021)
<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/49–2,295	Low potential to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species.
<i>Calochortus palmeri var. palmeri</i>	Palmer's mariposa lily	None/None/1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps; mesic/perennial bulbiferous herb/Apr– July/2,325–7,840	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<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/328–5,575	Low potential to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species.
<i>Carex comosa</i>	bristly sedge	None/None/2B.1	Coastal prairie, Marshes and swamps (lake margins), Valley and foothill grassland/perennial rhizomatous herb/May–Sep/0– 2,050	Not expected to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species. The nearest CNDDDB occurrence is 5.3 miles southwest of the Study Area (CDFW 2021).

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Castilleja cinerea</i>	ash-gray paintbrush	FT/None/1B.2	Mojavean desert scrub, Meadows and seeps, Pebble (Pavement) plain, Pinyon and juniper woodland, Upper montane coniferous forest (clay openings)/perennial herb (hemiparasitic)/June–Aug/5,905–9,710	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Castilleja lasiorhyncha</i>	San Bernardino Mountains owl's-clover	None/None/1B.2	Chaparral, Meadows and seeps, Pebble (Pavement) plain, Riparian woodland, Upper montane coniferous forest; mesic/annual herb (hemiparasitic)/May–Aug/4,265–7,840	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Castilleja montigena</i>	Heckard's paintbrush	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest/perennial herb (hemiparasitic)/May–Aug/6,395–9,185	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Caulanthus simulans</i>	Payson's jewelflower	None/None/4.2	Chaparral, Coastal scrub; sandy, granitic/annual herb/(Feb)Mar–May(June)/295–7,215	Not expected to occur. Although there are sandy soils present, there is no suitable habitat present for this species to occur.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Centromadia pungens ssp. 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/0–2,095	Low potential to occur. This species can occur in in disturbed areas such as the grasslands onsite that are extremely disturbed and are composed of nonnative species; However, the habitat onsite is also subject to occasional weed abatement and soils have been disturbed. The nearest CNDDDB occurrence is 2.6 miles northeast of the Study Area (CDFW 2021)
<i>Chloropyron maritimum ssp. 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 site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Chorizanthe leptotheca</i>	Peninsular spineflower	None/None/4.2	Chaparral, Coastal scrub, Lower montane coniferous forest; alluvial fan, granitic/annual herb/May– Aug/984–6,230	Not expected to occur. No suitable vegetation present.
<i>Chorizanthe parryi var. parryi</i>	Parry's spineflower	None/None/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; sandy or rocky, openings/annual herb/Apr– June/902–4,000	Low potential to occur. The grasslands onsite are extremely disturbed and are composed of nonnative species. Additionally, soils have been compacted and disturbed. The nearest CNDDDB occurrence is 1.7 miles northeast of the Study Area (CDFW 2021).

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Chorizanthe xanti</i> <i>var. leucotheca</i>	white-bracted spineflower	None/None/1B.2	Coastal scrub (alluvial fans), Mojavean desert scrub, Pinyon and juniper woodland; sandy or gravelly/annual herb/Apr– June/984–3,935	Not expected to occur. Although there are sandy soils present, there is no suitable habitat present for this species to occur. There are no known CNDDDB occurrences within a 5-mile radius around the Study Area (CDFW 2021).
<i>Convolvulus</i> <i>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/98–2,425	Low potential to occur. The grassland onsite is extremely disturbed and not suitable for this species to occur.
<i>Cuscuta obtusiflora</i> <i>var. glandulosa</i>	Peruvian dodder	None/None/2B.2	Marshes and swamps (freshwater)/annual vine (parasitic)/July–Oct/49–920	Not expected to occur. No suitable vegetation present.
<i>Cylindropuntia</i> <i>californica</i> <i>var.</i> <i>californica</i>	snake cholla	None/None/1B.1	Chaparral, Coastal scrub/perennial stem succulent/Apr–May/98–490	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Deinandra</i> <i>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)/82– 3,080	Not expected to occur. The grassland onsite is extremely disturbed and not suitable for this species to occur.
<i>Dodecahema</i> <i>leptoceras</i>	slender-horned spineflower	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub (alluvial fan); sandy/annual herb/Apr–June/656–2,490	Not expected to occur. Although there are sandy soils present, there is no suitable habitat for this species to occur. The nearest CNDDDB occurrence is 2.7 miles southeast of the Study Area, near the Santa Ana River (CDFW 2021)

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Drymocallis cuneifolia</i> var. <i>cuneifolia</i>	wedgeleaf woodbeauty	None/None/1B.1	Riparian scrub, Upper montane coniferous forest; Sometimes carbonate/perennial herb/June– Aug/5,905–7,920	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woollystar	FE/SE/1B.1	Chaparral, Coastal scrub (alluvial fan); sandy or gravelly/perennial herb/Apr– Sep/299–2,000	Not expected to occur. Although sandy soils are present, there is no suitable habitat for this species to occur. The nearest CNDDDB occurrence is 2 miles east of the Study Area (CDFW 2021).
<i>Eriophyllum lanatum</i> var. <i>obovatum</i>	southern Sierra woolly sunflower	None/None/4.3	Lower montane coniferous forest, Upper montane coniferous forest; sandy loam/perennial herb/June– July/3,650–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Fimbristylis thermalis</i>	hot springs fimbristylis	None/None/2B.2	Meadows and seeps (alkaline, near hot springs)/perennial rhizomatous herb/July– Sep/361–4,395	Not expected to occur. No suitable vegetation present.
<i>Frasera neglecta</i>	pine green-gentian	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest/perennial herb/May–July/4,590–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Galium californicum</i> ssp. <i>primum</i>	Alvin Meadow bedstraw	None/None/1B.2	Chaparral, Lower montane coniferous forest; granitic, sandy/perennial herb/May– July/4,425–5,575	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<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/33– 5,000	Not expected to occur. No suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Heuchera caespitosa</i>	urn-flowered alumroot	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Riparian forest (montane), Upper montane coniferous forest; rocky/perennial rhizomatous herb/May–Aug/3,785–8,690	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Heuchera parishii</i>	Parish's alumroot	None/None/1B.3	Alpine boulder and rock field, Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest; rocky, sometimes carbonate/perennial rhizomatous herb/June–Aug/4,920–12,465	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<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/16–3,280	Low potential to occur. The grasslands onsite are extremely disturbed and not suitable for this species to occur.
<i>Horkelia cuneata</i> <i>var. puberula</i>	mesa horkelia	None/None/1B.1	Chaparral (maritime), Cismontane woodland, Coastal scrub; sandy or gravelly/perennial herb/Feb–July(Sep)/230–2,655	Not expected to occur. Although there are sandy soils present, there is no suitable habitat present for this species to occur. The nearest CNDDDB occurrence is approximately 3 miles southeast of the Study Area (CDFW 2021)

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Hulsea vestita</i> ssp. <i>parryi</i>	Parry's sunflower	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest; granitic or carbonate, rocky, openings/perennial herb/Apr–Aug/4,490–9,495	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Imperata brevifolia</i>	California satintail	None/None/2B.1	Chaparral, Coastal scrub, Mojavean desert scrub, Meadows and seeps (often alkali), Riparian scrub; mesic/perennial rhizomatous herb/Sep–May/0–3,985	Not expected to occur. Although there is a stormwater drainage feature within the Study Area, The tall flatsedge (<i>Cyperus eragrostis</i>) habitat is much too disturbed to be suitable for this species.
<i>Ivesia argyrocoma</i> var. <i>argyrocoma</i>	silver-haired ivesia	None/None/1B.2	Meadows and seeps (alkaline), Pebble (Pavement) plain, Upper montane coniferous forest/perennial herb/(May)June–Aug/4,795–9,710	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<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/164–2,950	Not expected to occur. No suitable vegetation present.
<i>Juncus duranii</i>	Duran's rush	None/None/4.3	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest; mesic/perennial rhizomatous herb/July–Aug/5,800–9,195	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Lasthenia glabrata</i> <i>ssp. coulteri</i>	Coulter's goldfields	None/None/1B.1	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb–June/3–4,000	Not expected to occur. No suitable vegetation present.
<i>Lepidium virginicum</i> <i>var. robinsonii</i>	Robinson's pepper-grass	None/None/4.3	Chaparral, Coastal scrub/annual herb/Jan–July/3–2,900	Not expected to occur. No suitable vegetation present.
<i>Lilium humboldtii</i> <i>ssp. ocellatum</i>	ocellated Humboldt lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Riparian woodland; openings/perennial bulbiferous herb/Mar–July(Aug)/98–5,905	Not expected to occur. No suitable vegetation present.
<i>Lilium parryi</i>	lemon lily	None/None/1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest; mesic/perennial bulbiferous herb/July–Aug/4,000–9,005	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Lycium parishii</i>	Parish's desert-thorn	None/None/2B.3	Coastal scrub, Sonoran desert scrub/perennial shrub/Mar–Apr/443–3,280	Not expected to occur. No suitable vegetation present.
<i>Malacothamnus parishii</i>	Parish's bush-mallow	None/None/1A	Chaparral, Coastal scrub/perennial deciduous shrub/June–July/1,000–1,490	Not expected to occur. No suitable vegetation present.
<i>Monardella pringlei</i>	Pringle's monardella	None/None/1A	Coastal scrub (sandy)/annual herb/May–June/984–1,310	Not expected to occur. Although there are sandy soils present, there is no suitable habitat present for this species to occur. The nearest CNDDDB occurrence is approximately 7.5 miles southwest of the Study Area (CDFW 2021).

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Muhlenbergia californica</i>	California muhly	None/None/4.3	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadows and seeps; mesic, seeps and streambanks/perennial rhizomatous herb/June–Sep/328–6,560	Not expected to occur. No suitable vegetation present.
<i>Myosurus minimus</i> ssp. <i>apus</i>	little mouseltail	None/None/3.1	Valley and foothill grassland, Vernal pools (alkaline)/annual herb/Mar–June/66–2,095	Low potential to occur. The grasslands onsite are extremely disturbed and not suitable for this species to occur.
<i>Nama stenocarpa</i>	mud nama	None/None/2B.2	Marshes and swamps (lake margins, riverbanks)/annual / perennial herb/Jan–July/16–1,640	Not expected to occur. No suitable vegetation present.
<i>Nasturtium gambelii</i>	Gambel's water cress	FE/ST/1B.1	Marshes and swamps (freshwater or brackish)/perennial rhizomatous herb/Apr–Oct/16–1,080	Not expected to occur. No suitable vegetation present.
<i>Packera bernardina</i>	San Bernardino ragwort	None/None/1B.2	Meadows and seeps (mesic, sometimes alkaline), Pebble (Pavement) plain, Upper montane coniferous forest/perennial herb/May–July/5,905–7,545	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Perideridia parishii</i> ssp. <i>parishii</i>	Parish's yampah	None/None/2B.2	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest/perennial herb/June–Aug/4,805–9,840	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Phacelia mohavensis</i>	Mojave phacelia	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland; sandy or gravelly/annual herb/Apr–Aug/4,590–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Pickeringia montana</i> var. <i>tomentosa</i>	woolly chaparral-pea	None/None/4.3	Chaparral; Gabbroic, granitic, clay/evergreen shrub/May–Aug/0–5,575	Not expected to occur. No suitable vegetation present.
<i>Piperia leptopetala</i>	narrow-petaled rein orchid	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Upper montane coniferous forest/perennial herb/May–July/1,245–7,295	Not expected to occur. No suitable vegetation present.
<i>Ribes divaricatum</i> var. <i>parishii</i>	Parish's gooseberry	None/None/1A	Riparian woodland/perennial deciduous shrub/Feb–Apr/213–985	Not expected to occur. No suitable vegetation present.
<i>Romneya coulteri</i>	Coulter's matilija poppy	None/None/4.2	Chaparral, Coastal scrub; Often in burns/perennial rhizomatous herb/Mar–July(Aug)/66–3,935	Not expected to occur. No suitable vegetation present.
<i>Rupertia rigida</i>	Parish's rupertia	None/None/4.3	Chaparral, Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pebble (Pavement) plain, Valley and foothill grassland/perennial herb/June–Aug/2,295–8,200	Not expected to occur. The site is outside of the species' known elevation range.
<i>Schoenus nigricans</i>	black bog-rush	None/None/2B.2	Marshes and swamps (often alkaline)/perennial herb/Aug–Sep/492–6,560	Not expected to occur. No suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Senecio aphanactis</i>	chaparral ragwort	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub; sometimes alkaline/annual herb/Jan–Apr(May)/49–2,620	Not expected to occur. No suitable vegetation present.
<i>Senecio astephanus</i>	San Gabriel ragwort	None/None/4.3	Coastal bluff scrub, Chaparral; rocky slopes/perennial herb/May–July/1,310–4,920	Not expected to occur. No suitable vegetation present.
<i>Sidalcea hickmanii</i> <i>ssp. parishii</i>	Parish's checkerbloom	None/SR/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest/perennial herb/(May)June–Aug/3,280–8,195	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sidalcea malviflora</i> <i>ssp. dolosa</i>	Bear Valley checkerbloom	None/None/1B.2	Lower montane coniferous forest (meadows and seeps), Meadows and seeps, Riparian woodland, Upper montane coniferous forest (meadows and seeps)/perennial herb/May–Aug/4,900–8,805	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sidalcea</i> <i>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/49–5,015	Not expected to occur. No suitable vegetation present.
<i>Sidalcea pedata</i>	bird-foot checkerbloom	FE/SE/1B.1	Meadows and seeps (mesic), Pebble (Pavement) plain/perennial herb/May–Aug/5,245–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Sidotheca caryophylloides</i>	chickweed oxytheca	None/None/4.3	Lower montane coniferous forest (sandy)/annual herb/July–Sep (Oct)/3,650–8,530	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sphenopholis obtusata</i>	prairie wedge grass	None/None/2B.2	Cismontane woodland, Meadows and seeps; mesic/perennial herb/Apr–July/984–6,560	Not expected to occur. No suitable vegetation present.
<i>Streptanthus bernardinus</i>	Laguna Mountains jewelflower	None/None/4.3	Chaparral, Lower montane coniferous forest/perennial herb/May–Aug/2,195–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Streptanthus campestris</i>	southern jewelflower	None/None/1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland; rocky/perennial herb/(Apr)May–July/2,950–7,545	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Symphyotrichum 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)/7–6,690	Low potential to occur. The grasslands onsite are extremely disturbed and not suitable for this species to occur. The closest CNDDB occurrence is 4 miles west of the Study Area (CDFW 2021).
<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/164–2,000	Not expected to occur. No suitable vegetation present.

APPENDIX B-2 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/CRPR/)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Wright's trichocoronis	None/None/2B.1	Meadows and seeps, Marshes and swamps, Riparian forest, Vernal pools; alkaline/annual herb/May–Sep/16–1,425	Not expected to occur. No suitable vegetation present.

¹

Status Legend:

FE: Federally listed as endangered

FT: Federally listed as threatened

FC: Federal Candidate for listing

DL: Delisted

CE: State listed as endangered

CT: State listed as threatened

CR: 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 More Common Elsewhere

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

CRPR 3: Plants About Which More Information is Needed - A Review List

CRPR 4: Plants of Limited Distribution - A Watch List

.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)

APPENDIX M (Continued)

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Appendix B-3

Wildlife Species Potential to Occur Table

APPENDIX B-3

Special-Status Wildlife Species Potential to Occur within the Project Area

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
<i>Amphibians</i>				
<i>Batrachoseps gabrieli</i>	San Gabriel slender salamander	None/None	Talus slopes in forested areas, often near streams	Not expected to occur. Although there is a stormwater drainage feature within the Study Area, it is much too disturbed to provide suitable habitat for this species.
<i>Rana draytonii</i>	California red-legged frog	FT/SSC	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	Not expected to occur. Although there is a stormwater drainage feature within the Study Area, it is much too disturbed to provide suitable habitat for this species.
<i>Rana muscosa</i>	mountain yellow-legged frog	FE/SE, WL	Lakes, ponds, meadow streams, isolated pools, and open riverbanks; rocky canyons in narrow canyons and in chaparral	Not expected to occur. Although there is a stormwater drainage feature Within the Study Area, it is much too disturbed to provide suitable habitat for this species.
<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. There are no vernal pools or ephemeral wetlands onsite. Although there is a stormwater drainage feature within the Study area, it is much too disturbed to provide suitable habitat for this species.
<i>Reptiles</i>				
<i>Actinemys 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. Although there is a stormwater drainage feature Within the Study Area, it is much too disturbed to provide suitable habitat for this species.
<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. There is no suitable habitat for this species to occur. Although the Study Area contains sandy loam soils, it is highly disturbed with developed/urbanized adjacent areas. Additionally, the soils have been compacted and are no longer loose.
<i>Arizona elegans occidentalis</i>	California glossy snake	None/SSC	Commonly occurs in desert regions throughout southern California. Prefers open sandy areas with scattered brush. Also found in rocky areas.	Not expected to occur. Although the Study Area contains sandy loamy soils; it is highly disturbed with developed/urbanized adjacent areas.
<i>Aspidoscelis hyperythra</i>	orange-throated whiptail	None/WL	Low-elevation coastal scrub, chaparral, and valley-foothill hardwood	Not expected to occur. No suitable habitat is found within the Study Area.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
<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. No suitable habitat is found within the Study Area.
<i>Charina umbratica</i>	southern rubber boa	None/ST	Montane oak-conifer and mixed-conifer forests, montane chaparral, wet meadows; usually in vicinity of streams or wet meadows	Not expected to occur. No suitable habitat is found within the Study Area.
<i>Coleonyx variegatus abboti</i>	San Diego banded gecko	None/SSC	Rocky areas within coastal scrub and chaparral	Not expected to occur. No suitable habitat is found within the Study Area.
<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 habitat is found within the Study Area.
<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. No suitable habitat is found within the Study Area.
<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. Although the Study Area contains sandy loamy soils; it is highly disturbed with developed/urbanized adjacent areas and no suitable habitat for this species to occur.
<i>Salvadora hexalepis virgultea</i>	coast patch-nosed snake	None/SSC	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	Not expected to occur. No suitable habitat is found within the Study Area. Additionally, no small mammal burrows were observed during the March 2021 site visit.
<i>Thamnophis hammondi</i>	two-striped gartersnake	None/SSC	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. No suitable habitat is found within the Study Area.
<i>Birds</i>				
<i>Accipiter cooperii (nesting)</i>	Cooper's hawk	None/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 woodland or riparian habitat is found within the Study Area.
<i>Agelaius tricolor (nesting colony)</i>	tricolored blackbird	BCC/PSE, SSC	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	Not expected to occur. There are no emergent cattails or tules within the small drainage feature onsite. No suitable habitat is found within the Study Area.
<i>Aimophila ruficeps canescens</i>	Southern California	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. No suitable habitat is found within the Study Area.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
	rufous-crowned sparrow			
<i>Aquila chrysaetos</i> (nesting & wintering)	golden eagle	BCC/ FP, WL	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in cliffs in open areas and forages in open habitat	Not expected to nest. Low potential to forage. The Study Area lacks the topography needed for this species to nest. It may occasionally be seen flying overhead in transit. According to eBird, this species has been previously observed within a 5 mile radius (eBird 2021). The nearest CNDDB occurrence is 13 miles southeast of the Study Area (CDFW 2021).
<i>Artemisiospiza belli belli</i>	Bell's sage sparrow	BCC/WL	Nests and forages in coastal scrub and dry chaparral; typically, in large, unfragmented patches dominated by chamise; nests in more dense patches but uses more open habitat in winter	Not expected to occur. No suitable habitat is found within 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	Low potential to occur. Although the southern portion of the Study Area has a flat open space, it is highly disturbed with evidence of recent mowing. Additionally, no potential burrowing owl burrows were observed during the March 2021 site visit. The nearest CNDDB occurrence is 0.9 miles west of the Study Area (CDFW 2021).
<i>Buteo regalis</i> (wintering)	ferruginous hawk	BCC/WL	Winters and forages in open, dry country, grasslands, open fields, agriculture	Not expected to nest. Low potential to forage. There is a low quality and disturbed non-native grassland that may provide foraging habitat for this species. There have been multiple observations within 3 mile radius according to eBird 2021.
<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 nest. Low potential to forage. The grassland within the Study Area is extremely disturbed with non-native vegetation. The nearest CNDDB occurrence is 3.6 miles northwest from the early 1900s and likely extirpated (CDFW 2021).
<i>Coccyzus americanus</i>	western yellow-billed cuckoo	FT, BCC/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. The Study Area lacks the riparian habitat suitable for this species to occur.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
<i>occidentalis</i> (nesting)				
<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	Not expected to occur. No suitable vegetation present.
<i>Falco columbarius</i> (wintering)	merlin	None/WL	Forages in semi-open areas, including coastline, grassland, agriculture, savanna, woodland, lakes, and wetlands	Low potential to forage. Although there is a grassland within the Study Area, it is highly disturbed and dominated by non-native vegetation. The nearest CNDDDB occurrence is 1.6 miles south west of the Study Area (CDFW 2021).
<i>Haliaeetus leucocephalus</i> (nesting & wintering)	bald eagle	FDL, BCC/SE, FP	Nests in forested areas adjacent to large bodies of water, including seacoasts, rivers, swamps, large lakes; winters near large bodies of water in lowlands and mountains	Not expected to occur. The Study Area lacks the suitable forested or aquatic habitat needed for this species to occur.
<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. The Study Area lacks the suitable riparian habitat for this species to occur.
<i>Lanius ludovicianus</i> (nesting)	loggerhead shrike	BCC/SSC	Nests and forages in open habitats with scattered shrubs, trees, or other perches	Not expected to occur. Although the Study Area contains partially open habitats, the areas are extremely disturbed and lack scattered shrub vegetation for perching.
<i>Laterallus jamaicensis coturniculus</i>	California black rail	BCC/ST, FP	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. The Study Area lacks the suitable aquatic habitat for this species to occur.
<i>Plegadis chihi</i> (nesting colony)	white-faced ibis	None/WL	Nests in shallow marshes with areas of emergent vegetation; winter foraging in shallow lacustrine waters, flooded agricultural fields, muddy ground of wet meadows, marshes, ponds, lakes, rivers, flooded fields, and estuaries	Not expected to occur. No suitable vegetation or adequate water resource is 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%;	Not expected to occur. No suitable sage scrub habitat is found within the Study Area. The nearest CNDDDB occurrence is approximately 2.5 miles south east of the Study Area (CDFW 2021).

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
			majority of nesting at less than 1,000 feet above mean sea level	
<i>Setophaga petechia</i> (nesting)	yellow warbler	BCC/SSC	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	Not expected to occur. No suitable habitat is found within the Study Area.
<i>Spinus lawrencei</i> (nesting)	Lawrence's goldfinch	BCC/None	Nests and forages in open oak, arid woodlands, and chaparral near water	Not expected to occur. No suitable habitat is found within the Study Area.
<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. The Study Area lacks the suitable riparian habitat for this species to occur. The nearest CNDDDB occurrence is approximately 1 mile south of the Study Area within the Santa Ana River (CDFW 2021).
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. The small drainage channel found within the Study Area is disturbed and lacks the suitable habitat for this species to occur.
<i>Gila orcuttii</i>	arroyo chub	None/SSC	Warm, fluctuating streams with slow-moving or backwater sections of warm to cool streams at depths >40 centimeters (16 inches); substrates of sand or mud	Not expected to occur. Although there is a small drainage feature onsite, it is disturbed and lacks the suitable aquatic habitat for this species to occur.
<i>Oncorhynchus mykiss irideus</i> pop. 10	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. The small drainage channel found within the Study Area is too shallow and disturbed to provide suitable habitat for this species. There are no known CNDDDB occurrences within a 5-mile radius of the Study Area (CDFW 2021).
<i>Rhinichthys osculus</i> ssp. 3	Santa Ana speckled dace	None/SSC	Headwaters of the Santa Ana and San Gabriel Rivers; may be extirpated from the Los Angeles River system	Not expected to occur. The Study Area lacks the suitable aquatic habitat for this species to occur.
Mammals				
<i>Antrozous pallidus</i>	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops	Not expected to occur. No suitable habitat is found within the Study Area.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
			for roosting, but also roosts in man-made structures and trees	
<i>Chaetodipus fallax fallax</i>	northwestern San Diego pocket mouse	None/SSC	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland	Not expected to occur. The grassland within the Study Area is highly disturbed and composed of non-native species. The nearest CNDDDB occurrence is 0.9 miles south of the Study Area within the Santa Ana River
<i>Dipodomys merriami parvus</i>	San Bernardino kangaroo rat	FE/SSC	Sparse scrub habitat, alluvial scrub/coastal scrub habitats on gravelly and sandy soils near river and stream terraces	Low potential to occur. Although there are sandy loam soils within the Study Area, there is no suitable alluvial or coastal scrub habitat found. The nearest CNDDDB occurrence is 0.5 miles south of the Study Area within the Santa Ana River (CDFW 2021).
<i>Dipodomys stephensi</i>	Stephens' kangaroo rat	FE/ST	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	Not expected to occur. The Study Area is outside of the known range of the species. The nearest CNDDDB occurrence is 6.4 miles south of the Study Area and separated by development including the I-10 freeway (CDFW 2021).
<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. No suitable habitat is found within the Study Area.
<i>Glaucomys oregonensis californicus</i>	San Bernardino flying squirrel	None/SSC	Coniferous and deciduous forests, including riparian forests	Not expected to occur. No suitable habitat is found within the Study Area.
<i>Lasiurus 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 habitat is found within the Study Area.
<i>Leptonycteris yerbabuenae</i>	lesser long-nosed bat	FDL/SSC	Sonoran desert scrub, semi-desert grasslands, lower oak woodlands	Not expected to occur. No suitable habitat is found within the Study Area.
<i>Lepus californicus bennettii</i>	San Diego black-tailed jackrabbit	None/SSC	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	Low potential to occur. The grassland found onsite is disturbed and may provide suitable habitat for this species to occur. The nearest CNDDDB occurrence is 7.29 miles west of the Study Area.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
<i>Neotamias speciosus speciosus</i>	lodgepole chipmunk	None/None	Lodgepole pine forests	Not expected to occur. No suitable habitat is found within the study area.
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	None/SSC	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	Not expected to occur. No suitable habitat is found within the Study Area.
<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. No suitable habitat is found within the Study Area.
<i>Onychomys torridus ramona</i>	southern grasshopper mouse	None/SSC	Grassland and sparse coastal scrub	Not expected to occur. The grassland within the Study Area is extremely disturbed and is isolated from natural open space
<i>Perognathus alticolus alticolus</i>	white-eared pocket mouse	None/SSC	Arid ponderosa pine communities	Not expected to occur. The study area lacks suitable habitat as this species prefers isolated montane areas.
<i>Perognathus longimembris brevinasus</i>	Los Angeles pocket mouse	None/SSC	Lower-elevation grassland, alluvial sage scrub, and coastal scrub	Not expected to occur. The grassland within the Study Area is extremely disturbed and composed of non-native species, and the Study Area is small and isolated from natural open space. The nearest CNDDB occurrence is 1 mile south of the Study Area (CDFW 2021).
<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. There is no suitable habitat for this species to occur. The open areas within the Study Area are extremely disturbed and composed of non-native species. Additionally, the Study Area is small and isolated from natural open space. No potential burrows were observed during the March 2021 site visit.
<i>Invertebrates</i>				
<i>Bombus crotchii</i>	Crotch bumble bee	None/PSE	Open grassland and scrub communities supporting suitable floral resources.	Not expected to occur. The Study Area is dominated by non-native vegetation and disturbed soils.

APPENDIX B-3 (Continued)

Scientific Name	Common Name	Status ¹ (Federal/State/Other)	Habitat	Potential to Occur ³
<i>Euchloe hyantis andrewsi</i>	Andrew's marble butterfly	None/None	Yellow pine forest; host plants are Laguna Mountains jewel-flower (<i>Streptanthus bernardinus</i>) and Holboell's rockcress (<i>Boechera pinetorum</i> (<i>Arabis holboellii</i> var. <i>pinetorum</i>))	Not expected to occur. The Study Area is dominated by non-native vegetation and lacks the host plants preferred by this species.
<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>Antirrhinum coulterianum</i> , and <i>Plantago patagonica</i> (Silverado Occurrence Complex)	Not expected to occur. The grassland within the Study Area is extremely disturbed and lacks the host plants preferred by this species. The nearest CNDDDB occurrence is 1.76 miles north west of the Study Area (CDFW 2021).
<i>Rhaphiomidas terminatus abdominalis</i>	Delhi Sands flower-loving fly	FE/None	Delhi fine sandy soils and dunes, scrub and ruderal vegetation in the sand verbena series with <50% cover	Not expected to occur. This Study Area is just outside of its current geographic range (USFW 2021). Although there are sandy soils onsite, the Study Area lacks the Delhi fine sandy soils preferred by this species (USDA 2021). The nearest CNDDDB occurrence 6 miles southwest of the Study Area.
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. No suitable wetland habitat is found within the Study Area.

¹ **Status Notes:**

FE: Federally Endangered

FT: Federally Threatened

FC: Federal Candidate

BCC: U.S. Fish and Wildlife Service Bird of Conservation Concern

SSC: California Species of Special Concern

FP: California Fully Protected Species

WL: California Watch List Species

SE: State Endangered

ST: State Threatened

SS: List Special Animals List, but no other status

APPENDIX B-3 (Continued)

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Appendix B-4

Photographs

APPENDIX B-4
PHOTOGRAPHS



Photo Point 1: Facing south. Displaying northern inlet.



Photo Point 2: Facing north. Northern most portion of the channel with concrete rip rap on banks.



Photo Point 3: Facing Southeast. Upland drainage facing downstream with two culvert inlets in background.



Photo Point 4: Facing North. Adjacent upland vegetation found next to drainage feature.

APPENDIX B
FIELD PHOTOGRAPHS



Photo Point 5: Facing South. Disturbed soils with trash observed throughout most of channel.



Photo Point 6: Facing north. Looking upstream of the upland drainage.