

Appendix H

Section 4.0 Tables

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Table H-1. Special Status Plant Species Evaluated for Potential Occurrence within the Project Boundary

| Common Name/ Scientific Name | Status ¹ | Flowering Period | Elevation Range (feet) | Habitat Associations Summary | Occurrence Within the Project Boundary |
|--|---------------------|-------------------|------------------------------|---|---|
| Singlewhorl Burrobrush (<i>Ambrosia monogyra</i>) | 2B.2 | August - November | 33 - 1640 | Sandy substrates within: • Chaparral • Sonoran desert scrub | Potential habitat present. |
| California Androsace (<i>Androsace elongata</i> ssp. <i>acuta</i>) | 4.2 | March - June | 492 - 3937 | • Chaparral • Cismontane woodland • Coastal scrub • Meadows and seeps • Pinyon and juniper woodland • Valley and foothill grassland | Potential habitat present. |
| Mexican Mosquito Fern (<i>Azolla microphylla</i>) | 4.2 | August | 98 - 328 | • Marshes and swamps (ponds, slow water) | Potential habitat present. |
| Catalina Mariposa lily (<i>Calochortus catalinae</i>) | 4.2 | February - June | 49 - 2297 | • Chaparral • Cismontane woodland • Coastal scrub • Valley and foothill grassland | Potential habitat present. |
| Palmer's mariposa Lily (<i>Calochortus palmeri</i> var. <i>palmeri</i>) | 1B.2, SBNF | April - July | 2329 - 7841 | Mesic areas in: • Chaparral • Lower montane coniferous forest • Meadows and seeps | CNDDDB occurrences in SWL quad. Potential to occur in upland areas, riparian forest, or wetlands adjacent to Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| Plummer's Mariposa Lily (<i>Calochortus plummerae</i>) | 4.2 | May - July | 328 - 5577 | Granitic, rocky substrates within: • Chaparral • Cismontane woodland • Coastal scrub • Lower montane coniferous forest • Valley and foothill grassland | CNDDDB occurrences in SWL quad near Cottonwood campground. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| White Pygmy-poppy (<i>Canbya candida</i>) | 4.2, SBNF | March - June | 1969 - 4790 | Gravelly, sandy, or granitic substrates within: • Mojavean desert scrub • Pinyon and juniper woodland | CNDDDB occurrences in SWL quad. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| San Bernardino Mountains owl's-clover (<i>Castilleja lasiorhyncha</i>) | 1B.2, SBNF | May - August | 4265 - 7841 | Mesic areas in: • Chaparral • Meadows and seeps • Pebble (pavement) plain • Riparian woodland • Upper montane coniferous forest | CNDDDB occurrences in SWL and SBN quads |
| Mojave Paintbrush (<i>Castilleja plagiotoma</i>) | 4.3, SBNF | April - June | 984 - 8202 | • Lower montane coniferous forest • Pinyon and juniper woodland | Potential habitat present. |
| Parry's Spineflower (<i>Chorizanthe parryi</i> var. <i>parryi</i>) | 1B.1, SBNF, BLM | April - June | 902 - 4003 | Sandy or rocky substrates, openings within: • Chaparral • Cismontane woodland • Coastal scrub • Valley and foothill grassland | CNDDDB occurrences in SBN quad. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |

Table H-1. Special Status Plant Species Evaluated for Potential Occurrence within the Project Boundary (continued)

| Common Name/ Scientific Name | Status ¹ | Flowering Period | Elevation Range (feet) | Habitat Associations Summary | Occurrence Within the Project Boundary |
|--|------------------------|------------------|------------------------------|---|---|
| Mojave Tarplant (<i>Deinandra mohavensis</i>) | 1B.3, CE, SBNF, BLM | May – January | 2100-5249 | Mesic areas in: • Chaparral • Coastal scrub • Riparian scrub | Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014), although CNDDDB (2015) indicates that the nearest recorded population (Mojave River at Deep Creek downstream of Cedar Springs Dam) may be extirpated. |
| Southern Sierra Woolly Sunflower (<i>Eriophyllum lanatum</i> var. <i>obovatum</i>) | 4.3 | June – July | 3655 – 8202 | Sandy loam substrates within: • Lower montane coniferous forest • Upper montane coniferous forest | Potential habitat present. |
| Pine Green-gentian (<i>Frasera neglecta</i>) | 4.3 | May – July | 4593 – 8202 | • Lower montane coniferous forest • Pinyon and juniper woodland • Upper montane coniferous forest | Potential habitat present. |
| California Satin (<i>Imperata brevifolia</i>) | 2B.1, SBNF | September – May | 0 – 3986 | Mesic areas in: • Chaparral • Coastal scrub • Mojavean desert scrub • Meadows and seeps (often alkali) • Riparian scrub | CNDDDB occurrences in SBN quad. Potential to occur in upland or riparian areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| Southern California Black Walnut (<i>Juglans californica</i>) | 4.2 | March – August | 164 – 2953 | Alluvial areas within: • Chaparral • Cismontane woodland • Coastal scrub • Riparian woodland | Potential habitat present. |
| Duran's Rush (<i>Juncus duranii</i>) | 4.3 | July – August | 5801 – 9199 | Mesic areas in: • Lower montane coniferous forest • Meadows and seeps • Upper montane coniferous forest | Potential habitat present. |
| Ocellated Humboldt Lily (<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>) | 4.2 | March – August | 98 – 5906 | Openings in: • Chaparral • Cismontane woodland • Coastal scrub • Lower montane coniferous forest • Riparian woodland | Potential habitat present. |
| Parish's Desert-thorn (<i>Lycium parishii</i>) | 2B.3 | March – April | 443 – 3281 | • Coastal scrub • Sonoran desert scrub | CNDDDB occurrences in SBN quad, but currently presumed extirpated |
| Hall's Monardella (<i>Monardella macrantha</i> ssp. <i>hallii</i>) | 1B.3, SBNF | June - October | 2395-7201 | • Broadleafed upland forest • Chaparral • Cismontane woodland • Lower montane coniferous forest • Valley and foothill grassland | Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014) |
| California Muhly (<i>Muhlenbergia californica</i>) | 4.3 | June - September | 328 - 6562 | Mesic sites, seeps, and streambanks within: • Chaparral • Coastal scrub • Lower montane coniferous forest • Meadows and seeps | Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014) |

Table H-1. Special Status Plant Species Evaluated for Potential Occurrence within the Project Boundary (continued)

| Common Name/ Scientific Name | Status ¹ | Flowering Period | Elevation Range (feet) | Habitat Associations Summary | Occurrence Within the Project Boundary |
|---|---------------------|--------------------|------------------------------|---|--|
| Short-jointed Bevertail (<i>Opuntia basilaris</i> var. <i>brachyclada</i>) | 1B.2, SBNF, BLM | April - August | 1394 - 5906 | <ul style="list-style-type: none"> • Chaparral • Mojavean desert scrub • Pinyon and juniper woodland | CNDDDB occurrences in SWL quad. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| Mojave Phacelia (<i>Phacelia mohavensis</i>) | 4.3 | April - August | 4593 - 8202 | Sandy or gravelly substrates within: <ul style="list-style-type: none"> • Cismontane woodland • Lower montane coniferous forest • Meadows and seeps • Pinyon and juniper woodland | Potential habitat present. |
| Woolly Chaparral-pea (<i>Pickeringia montana</i> var. <i>tomentosa</i>) | 4.3 | May - August | 0 - 5577 | Gabbroic, granitic, clay substrates in chaparral | Potential habitat present. |
| Black Bog-rush (<i>Schoenus nigricans</i>) | 2B.2, SBNF | August - September | 492 - 6562 | <ul style="list-style-type: none"> • Marshes and swamps | CNDDDB occurrences in SBN quad. Potential to occur in Silverwood Lake shoreline areas and adjacent wetlands (DWR 2014, Environmental Science Associates 2014). |
| Southern Mountains Skullcap (<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>) | 1B.2, SBNF | June - August | 1394 - 6562 | Mesic areas in: <ul style="list-style-type: none"> • Chaparral • Cismontane woodland • Lower montane coniferous forest | CNDDDB occurrences in SWL quad. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| Chickweed Oxytheca (<i>Sidotheca caryophylloides</i>) | 4.3, SBNF | July - September | 3655 - 8530 | <ul style="list-style-type: none"> • Lower montane coniferous forest (sandy) | Potential habitat present. |
| Laguna Mountains Jewel-flower (<i>Streptanthus bernardinus</i>) | 4.3 | May - August | 2198 - 8202 | <ul style="list-style-type: none"> • Chaparral • Lower montane coniferous forest | Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| Southern Jewel-flower (<i>Streptanthus campestris</i>) | 1B.3, SBNF, BLM | April - July | 2953 - 7546 | Rocky substrates within: <ul style="list-style-type: none"> • Chaparral • Lower montane coniferous forest • Pinyon and juniper woodland | CNDDDB occurrences in SBN quad. Potential to occur in upland areas surrounding Silverwood Lake (DWR 2014, Environmental Science Associates 2014). |
| San Bernardino Aster (<i>Symphotrichum defoliatum</i>) | 1.B.2, SBNF, BLM | July - November | 7 - 6693 | Near ditches, streams, springs within: <ul style="list-style-type: none"> • Cismontane woodland • Coastal scrub • Lower montane coniferous forest • Meadows and seeps • Marshes and swamps • Valley and foothill grassland (vernally mesic) | CNDDDB occurrence in SBN quad. Potential to occur in Silverwood Lake shoreline areas and adjacent wetlands (DWR 2014, Environmental Science Associates 2014) |

Table H-1. Special Status Plant Species Evaluated for Potential Occurrence within the Project Boundary (continued)

| Common Name/ Scientific Name | Status ¹ | Flowering Period | Elevation Range (feet) | Habitat Associations Summary | Occurrence Within the Project Boundary |
|---|---------------------|------------------|------------------------------|--|--|
| Lemmon's Syntrichopappus (<i>Syntrichopappus lemmonii</i>) | 4.3 | April - June | 1640 - 6004 | Sandy or gravelly substrates within: • Chaparral • Pinyon and juniper woodland | Potential habitat present. |

Sources: CNDDDB 2015, CNPS 2015, BLM 2015, USFS 2013

Notes:

¹CNPS Status:

1A = presumed extirpated in California and either rare or extinct elsewhere

1B = rare, threatened, or endangered in California and elsewhere

2A = presumed extirpated in California, but common elsewhere

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

3 = more information is needed

4 = plants of limited distribution

Threat Ranks (number following period):

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 (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

The following quads were queried: SWL = Silverwood Lake, SBN = San Bernardino North

Key:

BLM = Bureau of Land Management

CE = California Endangered

CNDDDB = California Natural Diversity Database

CNPS = California Native Plants Society

CR = California Rare

SBF = San Bernardino National Forest

SBN = San Bernardino North

SWL = Silverwood Lake

Table H-2. Non-Native Invasive Plant Species with Known or Potential Occurrence within the Project Boundary

| Scientific Name | Common Name | Cal-IPC Rating ¹ | CFDA Rating ² | USFS SBNF ³ | Habitats Associations | Potential to Occur within the Project Boundary |
|--|--|-----------------------------|--------------------------|------------------------|--|--|
| <i>Ageratina adenophora</i> | Sticky Snakeroot (Eupatory, Croftonweed, Thoroughwort, Catweed, Hemp Agrimony, Sticky Agrimony, Sticky Eupatorium) | Moderate | -- | Yes | Coastal scrub, slopes, riparian areas. | Potential habitat present. |
| <i>Agrostis stolonifera</i> | Creeping Bentgrass (Carpet Bent, Creeping Bent, Redtop Bent, Seaside Bentgrass) | Limited | -- | -- | Grasslands and disturbed areas | Potential habitat present. |
| <i>Ailanthus altissima</i> | Tree Of Heaven (Chinese Sumac, Paradise-Tree, Copal-tree) | Moderate | C | Yes | Riparian, grasslands, oak woodlands, disturbed areas | Potential habitat present. |
| <i>Arundo donax</i> | Giant Reed | High | B | Yes | Riparian, wetlands, disturbed sites | Potential habitat present. |
| <i>Avena barbata</i> and <i>A. fatua</i> | Slender Oat, Wild Oat | Moderate | -- | -- | Grasslands, coastal sage scrub, disturbed, areas with sandy/poor soils | Potential habitat present. |
| <i>Brassica nigra</i> | Black Mustard | Moderate | -- | Yes | Grasslands, coastal sage scrub, disturbed areas | Documented in vicinity of Devil Canyon Second Afterbay (Herzog 2004) |
| <i>Brassica rapa</i> | Field Mustard (Turnip) | Moderate | -- | -- | Various | Potential habitat present. |
| <i>Brassica tournefortii</i> | Asian Mustard (Sahara Mustard, Moroccan Mustard) | High | -- | Yes | Washes, coastal scrub, disturbed areas in the Mojave desert | Potential habitat present. |
| <i>Bromus diandrus</i> | Ripgut Brome (Great Brome, Ripgut Grass) | Moderate | -- | Yes | Grasslands, coastal sage | Potential habitat present. |
| <i>Bromus hordeaceus</i> | Soft Brome (Soft Chess, Lopgrass) | Limited | -- | -- | Grasslands, disturbed and open areas at low elevations | Potential habitat present. |
| <i>Bromus madritensis</i> ssp. <i>rubens</i> | Red Brome (Foxtail Chess) | High | -- | Yes | Grasslands, scrub, desert scrub type conversions. Disturbed areas, roadsides, agricultural fields, rangelands, and forestry sites, in addition to native communities | Potential habitat present. |
| <i>Bromus tectorum</i> | Cheatgrass (Downy Brome) | High | -- | Yes | Forest, woodland, grassland, desert, chaparral, and rangeland | Potential habitat present. |
| <i>Centaurea melitensis</i> | Malta Star-Thistle (Tocalote) | Moderate | C | Yes | Disturbed and open areas, including grasslands, open woodlands, agricultural fields, and roadsides | Potential habitat present. |
| <i>Centaurea solstitialis</i> | Yellow Star-Thistle | High | C | Yes | Open hills, grasslands, open woodlands, fields, roadsides, and rangelands | Potential habitat present. |
| <i>Cirsium vulgare</i> | Bull Thistle | Moderate | C | Yes | Riparian, marshes, meadows | Potential habitat present. |
| <i>Cortaderia jubata</i> | Purple Pampas Grass (Jubatagrass, Pampasgrass, Pink Pampasgrass) | High | B | -- | Dunes, bluffs, and disturbed areas, including inland areas where temperatures are moderated by fog | Potential habitat present. |
| <i>Cortaderia selloana</i> | Uruguayan Pampas Grass (Pampasgrass, White Pampasgrass) | High | -- | Yes | Dunes, bluffs, coastal shrublands and marshes, inland riparian areas, and disturbed areas | Potential habitat present. |
| <i>Crocosmia x crocosmiiflora</i> | Montbretia | Limited | -- | -- | Disturbed areas, including roadsides, coastal scrub, prairie and forests. Ornamental escapee that is commonly found near urban areas. | Potential habitat present. |
| <i>Cynodon dactylon</i> | Bermudagrass (Couch Grass, Devil Grass, Wire Grass, Vine Grass) | Moderate | -- | -- | Grasslands, riparian areas | Potential habitat present. |
| <i>Cynosurus echinatus</i> | Bristly Dogtail Grass (Annual Dogtail, Hedgehog Dogtail, Hedgehoggy) | Moderate | -- | -- | Lower elevations along trails and disturbed areas in both open and wooded areas | Potential habitat present. |

Table H-2. Non-Native Invasive Plant Species with Known or Potential Occurrence within the Project Boundary (continued)

| Scientific Name | Common Name | Cal-IPC Rating ¹ | CFDA Rating ² | USFS SBNF ³ | Habitats Associations | Potential to Occur within the Project Boundary |
|---|---|-----------------------------|--------------------------|------------------------|--|---|
| <i>Dactylis glomerata</i> | Orchardgrass | Limited | -- | -- | Pasture and various natural areas | Potential habitat present. |
| <i>Elaeagnus angustifolia</i> | Russian Olive (Oleaster) | Moderate | -- | -- | Disturbed, seasonally moist places, generally below 5,000 feet elevation | Potential habitat present. |
| <i>Erodium cicutarium</i> | Redstem Stork's Bill (Filaree, Redstem Filaree) | Limited | -- | -- | Roadsides, grasslands, fields, and semi-desert areas | Potential habitat present. |
| <i>Eucalyptus camaldulensis</i> | River Red Gum (Red Gum, Red River Gum) | Limited | -- | -- | Riparian areas | Potential habitat present. |
| <i>Eucalyptus globulus</i> | Tasmanian Bluegum (Blue Gum, Blue Gum Eucalyptus, Common Eucalyptus, Southern Blue Gum, Victorian Blue Gum) | Limited | -- | Yes | Riparian, grasslands | Potential habitat present. |
| <i>Ficus carica</i> | Edible Fig | Moderate | -- | Yes | Riparian woodlands | Potential habitat present. |
| <i>Foeniculum vulgare</i> | Sweet Fennel (Fennel, Sweet Anise) | High | -- | Yes | Grasslands, coastal scrub, riparian, and wetlands | Potential habitat present. |
| <i>Genista monspessulana</i> | French Broom (Soft Broom, Canary Broom, Montepellier Broom) | Moderate | C | -- | Coastal scrub, oak woodlands, grasslands | Potential habitat present. |
| <i>Geranium dissectum</i> | Cutleaf Geranium | Limited | -- | -- | Disturbed areas, grasslands, and hedge banks | Potential habitat present. |
| <i>Hedera helix</i> and <i>H. canariensis</i> | English Ivy, Algerian Ivy | Limited | -- | Yes | Coast forests, riparian | Potential habitat present. |
| <i>Picris</i> (= <i>Helminthotheca</i>) <i>echioides</i> | Bristly Oxtongue (Bugloss, Bugloss-Picris) | Limited | -- | Yes | Disturbed sites | Documented in Silverwood Lake (Environmental Science Associates 2014) |
| <i>Hirschfeldia incana</i> | Shortpod Mustard (Mediterranean Mustard, Summer Mustard, Greek Mustard) | Moderate | -- | -- | Coastal scrub and grasslands | Potential habitat present. |
| <i>Holcus lanatus</i> | Common Velvetgrass (Yorkshire Fog) | Moderate | -- | Yes | Coastal grasslands, wetlands | Potential habitat present. |
| <i>Hypochaeris glabra</i> | Smooth Cat's Ear | Limited | -- | -- | Disturbed places, such as roadsides and landscaped areas, as well as grasslands, woodland, and scrub | Potential habitat present. |
| <i>Lobularia maritima</i> | Sweet Alyssum (Sweet Alison, Seaside Alyssum, Seaside Lobularia) | Limited | -- | -- | Scrub, prairies and riparian areas | Potential habitat present. |
| <i>Lolium perenne</i> ssp. <i>multiflorum</i> | Italian Ryegrass | Moderate | -- | Yes | Coastal scrub, grasslands | Potential habitat present. |
| <i>Marrubium vulgare</i> | Horehound (White Horehound) | Limited | -- | -- | Disturbed grasslands scrub and riparian areas | Documented in vicinity of Devil Canyon Powerplant Second Afterbay (Herzog 2004) |
| <i>Medicago polymorpha</i> | Burclover (Burr Medic, California Burclover) | Limited | -- | Yes | Disturbed areas, including roadsides, grasslands and moist sites | Potential habitat present. |
| <i>Nicotiana glauca</i> | Tree Tobacco | Moderate | -- | Yes | Disturbed soils, vacant lots, along roadsides, streamsides, and other riparian areas | Documented in (removed from) Devil Canyon Powerplant area (DWR 2001). |
| <i>Pennisetum setaceum</i> | Crimson Fountaingrass (Purple Fountain Grass, Tender Fountain Grass) | Moderate | -- | Yes | Grasslands, desert canyons, roadsides | Potential habitat present. |
| <i>Phoenix canariensis</i> | Canary Island Date Palm | Moderate | -- | -- | Ornamental escapee found in stream corridors and occasionally in landscaped areas. | Potential habitat present. |
| <i>Piptatherum miliaceum</i> | Smilgrass | Limited | -- | -- | Dry or moist sites in disturbed areas, along roadsides and ditches, riparian areas | Potential habitat present. |

Table H-2. Non-Native Invasive Plant Species with Known or Potential Occurrence within the Project Boundary (continued)

| Scientific Name | Common Name | Cal-IPC Rating ¹ | CFDA Rating ² | USFS SBNF ³ | Habitats Associations | Potential to Occur within the Project Boundary |
|--|--|-----------------------------|--------------------------|------------------------|---|---|
| <i>Polypogon monspeliensis</i> | Annual Rabbitsfoot Grass (Rabbitfoot Polypogon, Annual Beardgrass, Rabbitfootgrass, Tawny Beardgrass) | Limited | -- | -- | Grasslands, common in moist to wet areas | Potential habitat present. |
| <i>Potamogeton crispus</i> | Curly Pondweed (Curly-leaved Pondweed, Curled Pondweed) | Limited | -- | Yes | Ponds, lakes, streams | Potential habitat present. |
| <i>Pyracantha angustifolia</i> , <i>P. crenulata</i> | Narrowleaf Firethorn, Scarlet Firethorn | Limited | -- | -- | Disturbed sites, along roadsides, and in coastal scrub, prairie, and riparian areas | Potential habitat present. |
| <i>Ricinus communis</i> | Castorbean | Limited | -- | Yes | Riparian | Potential habitat present. |
| <i>Robinia pseudoacacia</i> | Black Locust | Limited | -- | Yes | Riparian, canyons, can grow on a wide range of sites, but grows best on rich, moist, limestone-derived soils. It does not do well on heavy or poorly drained soils, although it appears to be tolerant of some flooding | Potential habitat present. |
| <i>Rubus armeniacus</i> | Himalayan Blackberry | High | -- | Yes | Riparian, marshes, oak woodlands | Potential habitat present. |
| <i>Rumex crispus</i> | Curly Dock | Limited | -- | -- | Can grow in many habitats, including grassy places, disturbed areas, and roadsides but is primarily found in flood plains and in agricultural areas. | Potential habitat present. |
| <i>Salsola soda</i> | Oppositeleaf Russian Thistle | Limited | C | -- | Found throughout the Mohave Desert in California, prefers loose, sandy soils in desert scrub and disturbed areas, such as roadsides and cultivated fields | Potential habitat present. |
| <i>Salsola tragus</i> | Prickly Russian Thistle (Common Saltwort, Russian Tumbleweed, Tumbleweed, Tumbling Weed, Windwitch, Witchweed, Prickly Glasswort) | Limited | C | Yes | Agricultural areas, desert, roadsides, disturbed areas | Potential habitat present. |
| <i>Saponaria officinalis</i> | Bouncingbet (Bouncing Betty, Soapwort, Goodbye Summer) | Limited | C | Yes | Meadows, riparian | Potential habitat present. |
| <i>Schedonorus (=Festuca) arundinacea</i> | Tall Fescue | Moderate | -- | Yes | Coastal scrub, grasslands | Potential habitat present. |
| <i>Schinus molle</i> | Peruvian Peppertree | Limited | -- | Yes | Riparian | Potential habitat present. |
| <i>Schismus arabicus</i> , <i>S. barbatus</i> | Arabian Schismus, Common Mediterranean Grass | Limited | -- | Yes | Mojave desert shrublands and disturbed areas | Potential habitat present. |
| <i>Silybum marianum</i> | Blessed Milkthistle (Milk Thistle, Variegated Thistle, Virgin Mary's Thistle, Lady's Milk, Holy Thistle, Spotted Thistle, Cabbage Thistle, Spotted Thistle, St. Mary's Thistle, White Thistle) | Limited | -- | Yes | Disturbed, overgrazed, moist pasturelands, fencelines, and other areas | Documented in Devil Canyon and Mount of Santa Ana River Canyon |
| <i>Sisymbrium irio</i> | London Rocket | Moderate | -- | -- | Abandoned fields, waste places, and roadsides | Potential habitat present. |
| <i>Spartium junceum</i> | Spanish Broom | High | C | Yes | Coastal scrub, grasslands, wetlands, oak woodland, roadcuts | Documented in (removed from) Devil Canyon Powerplant area (DWR 2001). |
| <i>Tamarix parviflora</i> | Smallflower Tamarisk (Athel, Athel Pine, Tamarisk, Evergreen Saltcedar) | Limited | B | Yes | Desert washes, riparian, seeps and springs | Potential habitat present. |

Table H-2. Non-Native Invasive Plant Species with Known or Potential Occurrence within the Project Boundary (continued)

| Scientific Name | Common Name | Cal-IPC Rating ¹ | CFDA Rating ² | USFS SBNF ³ | Habitats Associations | Potential to Occur within the Project Boundary |
|---------------------------------|---|-----------------------------|--------------------------|------------------------|---|---|
| <i>Tamarix ramosissima</i> | Saltcedar (Tamarisk) | Limited | B | Yes | Desert washes, riparian, seeps and springs | Documented in (removed from) Devil Canyon Powerplant area (DWR 2001). |
| <i>Verbascum thapsus</i> | Common Mullein (Wooly Mullei, Lungwort, Feltwort, Torches, Jacob's Staff, Velvetplant, Old Man's Flannel, Miner's Candle) | Limited | -- | Yes | Meadows, sagebrush, pinyon-juniper woodlands | Potential habitat present. |
| <i>Vinca major</i> | Bigleaf Periwinkle (Periwinkle, Greater Periwinkle, Blue Periwinkle, Myrtle) | Limited | -- | Yes | Ornamental escapee that is rapidly spreading in foothill woodlands and desert areas | Potential habitat present. |
| <i>Vulpia (=Festuca) myuros</i> | Annual Fescue | Moderate | -- | Yes | Coastal scrub, grasslands | Potential habitat present. |

Sources: Cal-IPC 2015, CDFA 2010, USFS 2005; The following quads were queried: Silverwood Lake, San Bernardino North

Notes:

¹Cal-IPC Ratings:

High - These species have severe ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal and establishment. Most are widely distributed ecologically.

Moderate - These species have substantial and apparent-but generally not severe-ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal, though establishment is generally dependent upon ecological disturbance. Ecological amplitude and distribution may range from limited to widespread.

Limited - These species are invasive but their ecological impacts are minor on a statewide level or there was not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness. Ecological amplitude and distribution are generally limited, but these species may be locally persistent and problematic.

²CDFA Ratings:

A - An organism of known economic importance subject to state (or commissioner when acting as a state agent) enforced action involving: eradication, quarantine regulation, containment, rejection, or other holding action.

B - An organism of known economic importance subject to: eradication, containment, control or other holding action at the discretion of the individual county agricultural commissioner. OR An organism of known economic importance subject to state endorsed holding action and eradication only when found in a nursery.

C - An organism subject to no state enforced action outside of nurseries except to retard spread. At the discretion of the county agricultural commissioner. OR An organism subject to no state enforced action except to provide for pest cleanliness in nurseries.

³Noxious or invasive plant species listed as occurring or potentially occurring on USFS land in USFS 2005.

Key:

Cal-IPC = California Invasive Plant Council

CDFA = California Department of Food and Agriculture

SBNF = San Bernardino National Forest

USFS = U.S. Forest Service

Table H-3. Special-Status Wildlife Species Occurring or Potentially Occurring in the Project Area

| Common Name/ Scientific Name | Status | Habitat Association Summary | Temporal and Spatial Distribution ¹ | Occurrence in Project Area ² |
|--|----------|--|--|--|
| Large-blotched Ensatina (<i>Ensatina klauberi</i>) | SSC, FSS | Occurs mostly in oak and pine woodlands chaparral, and talus in the Peninsular Ranges (San Jacinto Mountains and south), but intergrades with other forms of <i>Ensatina</i> that occur in the San Bernardino Mountains. Found under surface objects, in rodent burrows, and other subterranean retreats. | Yearlong – COW, CSC, MCH, MCP, MHW, MHC, PPN, SMC, VRI | No records. Intergrade forms of “blotched” <i>Ensatina</i> have been found north of Big Bear Lake more than 15 miles east of Project area. |
| San Gabriel Slender Salamander (<i>Batrachoseps gabrieli</i>) | FSS | Occurs in or adjacent to stable talus slopes along a band extending from the upper parts of the San Gabriel River watershed (San Gabriel Mountains, Los Angeles County) to Waterman Canyon (San Bernardino Mountains, San Bernardino County). Found under rocks, rotted woody debris, or vegetation in areas of mixed conifer forest or chaparral. | Yearlong – BAR, MHW, MHC, SMC | Two records in the CNDDDB from the Project vicinity (DEV, SBN quads). No records in Project area. |
| Desert Night Lizard (<i>Xantusia vigilis vigilis</i>) | SSC, FSS | Occurs in arid and semi-arid areas, closely associated with Joshua trees. Found in rotted stumps, under logs, leaf litter, and in rodent burrows, | Yearlong – AGS, DSC, DSW, SGB | No records. |
| Coast Horned Lizard (<i>Phrynosoma blainvillii</i>) | SSC | Occurs in scrubland, grassland, coniferous woods, and broadleaf woodlands where there are openings for basking; areas with loamy or sandy soil suitable for burrowing; scattered shrubs or clumps of grass for hiding cover; and ant colonies (a primary food source). Often found on edges of arroyo bottoms, dry washes, and along dirt roads. | Yearlong – AGS, CRC, COW, CSC, MCH, MHC, PP, VRI | 27 records in the CNDDDB from the Project vicinity (AVS, CAJ, DEV, HAM, LAR, SBN, and SWL quads). No records in Project area. |
| Orange-throated Whiptail (<i>Aspidoscelis hyperythra</i>) | SSC | Occurs mostly in Orange, Riverside and San Diego Counties; within San Bernardino County only known from the area south of the City of San Bernardino. Found in coastal scrub, chaparral, and valley-foothill hardwood, especially in openings with well-drained, compacted soils, patches of sandy soil, and rocks. | Yearlong – CRC, COW, CSC, MCH | One record in CNDDDB from the Project vicinity (SBN quad). No records in Project area. |
| Southern California Legless Lizard (<i>Anniella stebbinsi</i>) | SSC, FSS | Because this taxon was only recently described as a separate species, information on habitats is limited, but includes coastal sand dunes, sandy washes, alluvial fans, desert scrub, and chaparral. Range is within the coastal plain south of the Transverse Ranges into northern Baja California. Formerly classified as <i>A. pulchra pulchra</i> (silvery legless lizard) | Yearlong – CRC, COW, CSC, DSC, DSW, MCH, VRI | One record in CNDDDB from the Project vicinity (DEV quad). No records in Project area. |
| Southern Rubber Boa (<i>Charina umbratica</i>) | ST, FSS | The species range is not well documented, but includes parts of the San Bernardino Mountains east of Strawberry Peak and in the San Jacinto Mountains. Found in open coniferous and oak-conifer forests above 5,000 feet elevation. | Yearlong– MCP, MHW, MHC, MRI, PPN, SMC, VRI | 16 records in CNDDDB from the Project vicinity (HAM quad, exact locations suppressed). No records in Project area. |
| Northern Three-lined Rosy Boa (<i>Lichanura orcuttii [trivirgata]</i>) | FSS | Found in various arid and semi-arid habitats, including rocky deserts, canyons, and shrubby areas, particularly in riparian sites. | Yearlong – CRC, CSC, DSC, DSW, MCH, MCP | Three records in CNDDDB from the Project vicinity (DEV, LAR, and SBN quads). No records in Project area. |
| San Bernardino Ring-necked Snake (<i>Diadophis punctatus modestus</i>) | SSC, FSS | The species occurs in a wide variety of moist habitats including woodland openings, rocky slopes, chaparral, wet meadows, and farmland, where there is suitable surface cover. | Yearlong – AGS, CRC, COW, CSC, DSC, MCH, MCP, MHW, MHC, PPN, SMC, URB, VRI | Four records in CNDDDB from the Project vicinity (SBN and SWL quads). No records in Project area. |
| San Bernardino Mountain Kingsnake (<i>Lampropeltis zonata parvirubra</i>) | SSC, FSS | Found in montane, forested areas of Southern California, including the San Jacinto, San Bernardino, and San Gabriel Mountains, often in rocky sites. | Yearlong – AGS, COW, MCH, MCP, MHW, MHC, MRI, PP, SMC, VRI | No records. |
| Coast Patch-nosed Snake (<i>Salvadora hexalepis virgultea</i>) | SSC | Occurs in coastal California from San Luis Obispo County to Baja California in coastal plain, canyons, rocky hillsides, and brushy areas. In San Bernardino County likely limited to low elevation coastal plain. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, SGB, VRI | No records. |
| Common Loon (<i>Gavia immer</i>) | SSC | Winters on lakes, reservoirs, rivers, estuaries, and coastlines. Nests on lakes and other open water areas where there is minimal disturbance. Does not nest in San Bernardino County. | Winter – LAC | No records in CNDDDB from the Project vicinity (which only includes nesting records). However, known to winter within the Project boundary at Silverwood Lake. |

Table H-3. Special-Status Wildlife Species Occurring or Potentially Occurring in the Project Area (continued)

| Common Name/ Scientific Name | Status | Habitat Association Summary | Temporal and Spatial Distribution ¹ | Occurrence in Project Area ² |
|--|----------------------|--|--|--|
| American white pelican (<i>Pelecanus erythrorhynchos</i>) | SSC | Wintering and post-breeding pelicans occur (sometimes in large numbers) along the coast, and on lakes, reservoirs, rivers, estuaries, bays, and marshes. Rarely breeds in southern California, except along Colorado River | Summer – BAR Yearlong – LAC | No records. |
| Least bittern (<i>Ixobrychus exilis</i>) | SSC, BCC | Occurs in freshwater or brackish marshes with tall, dense emergent vegetation. A secretive species that can be difficult to document. | Summer – LAC | No records. |
| Redhead (<i>Aythya Americana</i>) | SSC | Winters and rests during migration in open water on lakes, ponds, and reservoirs. Nests in emergent wetlands, especially where dense cattails or tule are interspersed with open water. | Winter – LAC | No records. |
| Northern Goshawk (<i>Accipiter gentilis</i>) | FP, SSC, FSS, BCC | Year-round resident of forested habitats, particularly mature coniferous and mixed forests. Evidently few known recent occurrences in the San Bernardino Mountains | Winter – CRC, COW, MCH, SGB, VRI Yearlong – MCP, MHW, MHC, MRI, PPN, SMC | No records. |
| Golden Eagle (<i>Aquila chrysaetos</i>) | FP, BCC | Generally open country, open wooded country, and barren areas, especially in hilly or mountainous regions. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, SGB, SMC, URB, VRI | No records in CNDDDB. Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). Reported by HELIX (2014) from north of Project area. |
| Northern harrier (<i>Circus cyaneus</i>) | SSC | Marshes, meadows, grasslands, open rangelands, emergent wetlands, and cultivated fields. | Winter – CRC, DSC, DSW, MCH Summer – MCP, MHW Yearlong – AGS, BAR, COW, CSC, LAC, SGB, URB, VRI | No records in CNDDDB. Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). |
| White-tailed kite (<i>Elanus leucurus</i>) | FP | Savanna, open woodland, marshes, partially cleared lands and cultivated fields, mostly in lowland situations. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, MCH, URB, VRI | No records. |
| Prairie Falcon (<i>Falco mexicanus</i>) | BCC | Savanna, perennial grasslands, rangeland, and desert scrub. Nests on cliff ledges. | Not reported by WHR | No records in CNDDDB. Reported by HELIX (2014) from north of Project area. |
| American peregrine falcon (<i>Falco peregrinus anatum</i>) | FP, BCC | Breeds in open landscapes with cliffs. Winters in any open habitat, mudflats, coastlines, lake edges and mountain chains, especially in areas where potential prey (other birds) are numerous. | Yearlong – AGS, BAR, CRC, COW, CSC, LAC, MCH, MCP, MHW, MHC, PPN, SGB, SMC, URB, VRI | No records. |
| Bald eagle (<i>Haliaeetus leucocephalus</i>) | SE, FP, FSS, BCC | Breeding habitat usually close to coastal areas, bays, rivers, lakes, or other bodies of water that reflect the general availability of primary food sources. Preferentially roosts in conifers or other sheltered sites in winter in some areas. | Winter – CRC, CSC, MCH, MCP Yearlong – AGS, BAR, COW, LAC, MHW, MHC, MRI, PPN, SGB, SMC, VRI | Five records in CNDDDB from the Project vicinity (HAM, LAR, and SWL quads), including occurrences at Silverwood Lake (mostly wintering and no successful nesting). |
| Long-eared owl (<i>Asio otus</i>) | SSC | Riparian bottomland forest with over story of willows and cottonwoods; riparian forest along stream corridors (often dominated by live oak trees). Wooded areas with dense vegetation needed for roosting and nesting, adjacent open areas needed for hunting. | Yearlong – AGS, CRC, COW, DSC, MCH, MCP, MHW, MWC, PPN, SGB, SMC, VRI Summer - MRI | No records. |
| Burrowing owl (<i>Athene cunicularia</i>) | SSC, BCC | Open grasslands and savanna, sometimes in open areas such as vacant lots near human habitation or airports. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, SGB, URB, VRI | 17 records in CNDDDB from the Project vicinity (AVS, DEV and HES quads). No records in Project area. |
| California spotted owl (<i>Strix occidentalis occidentalis</i>) | SSC, FSS, BCC | Mixed forests dominated by black oak, lodgepole pine, red fir from 1200 to 5500 feet elevation | Yearlong – COW, MHW, MHC, PPN, SMC, VRI | No records in Project area, but occurs in forests south of Silverwood Lake outside of Project boundary. |

Table H-3. Special-Status Wildlife Species Occurring or Potentially Occurring in the Project Area (continued)

| Common Name/ Scientific Name | Status | Habitat Association Summary | Temporal and Spatial Distribution ¹ | Occurrence in Project Area ² |
|--|---------------|---|--|---|
| Olive-sided flycatcher (<i>Contopus cooperi</i>) | SSC, BCC | Non-breeding habitat includes a variety of forest, woodland, and open areas with scattered trees, especially where tall dead snags are present. Primary habitat is mature, evergreen montane forest. Breeds in various forest and woodland habitats. | Summer – CRC, MCH, MHW, MHC, PPN, SMC | No records. |
| Vermilion flycatcher (<i>Pyrocephalus rubinus</i>) | SSC | Occurs in widely scattered locations of scrub desert, cultivated lands, riparian woodlands, usually near water, including ditches, ponds, and irrigation. Trees and tall shrubs used for nesting and roosting. | Not reported by WHR | No records in CNDDDB. No records in CNDDDB. Reported by HELIX (2014) from north of Project area. No records in Project area. |
| Purple martin (<i>Progne subis</i>) | SSC | Found in a wide variety of forest and woodland areas, where open and partly open sites occur, frequently near water or around towns, where dragonflies and other large, aerial insects are available prey. | Summer – AGS, COW, LAC, MHW, MHC PPN, SMC, URB, VRI | No records. |
| Le Conte's thrasher (<i>Toxostoma lecontei</i>) | SSC, BCC | Closely associated with saltbush and found in relatively open areas including desert scrub and dry washes. | Yearlong – DSC, DSW | Four records in CNDDDB from the Project vicinity (AVS, DES, and HES quads). Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). No records in Project area. |
| Loggerhead shrike <i>Lanius ludovicianus</i> | SSC, BCC | Open country with scattered trees and shrubs, savanna, desert scrub, and, occasionally, open woodland; often perches on poles, wires or fence posts | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MHW, MHC, PPN, SGB, VRI Winter – URB | No records in CNDDDB. Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). Reported by HELIX (2014) from north of Project area. No records in Project area. |
| Gray vireo (<i>Vireo vicinior</i>) | SSC, FSS, BCC | Dry chaparral; west of desert in chamise-dominated habitat, mountains of Mojave Desert; associated with juniper and sagebrush | Summer – CRC, MCH | Two records in CNDDDB from the Project vicinity (HES quad). No records in Project area. |
| Yellow warbler (<i>Setophaga petechia</i>) | SSC, BCC | Open scrub, second-growth woodland, thickets, farmlands, and gardens, especially near water; riparian woodlands, especially areas with willows. | Migrant – CRC, CSC, DSW, MCH Summer – COW, MCH, MHW, MHC, PPN, SMC, URB, VRI | One record in CNDDDB in Project vicinity (HES quad). Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). Reported by HELIX (2014) from north of Project area. No records in Project area. |
| Yellow-breasted chat (<i>Icteria virens</i>) | SSC | Second growth, shrubby old pastures, thickets, bushy areas, scrub, woodland undergrowth, and fence rows, including low wet places near streams, pond edges, or swamps; thickets with few tall trees; early successional stages of forest regeneration; commonly in sites close to human habitation. | Migrant – CSC Summer – VRI Yearlong - VRI | No records. |
| Grasshopper sparrow (<i>Ammodramus savannarum</i>) | SSC | Prefer grasslands of intermediate height for breeding and often associated with clumped vegetation, interspersed with patches of bare ground. In San Bernardino County likely limited to South Coast bioregion. | Summer – AGS | No records. |
| Bell's sage sparrow (<i>Artemisiospiza belli belli</i>) | BCC | Strongly associated with sagebrush for breeding. Also found in salt-bush brushland, shadscale, antelope brush, rabbitbrush, mesquite, and chaparral. | Winter – DSC Yearlong – CRC, CSC, MCH, MCP, SGB | One record in CNDDDB from the Project vicinity (DEV quad). Observed within 1 mile north of Silverwood Lake (Aspen Environmental Group 2006). |
| Vesper sparrow (<i>Poocetes gramineus affinis</i>) | SSC, BCC | Found in various open habitats with grass, including sagebrush steppe, meadows, pastures and roadsides. | Winter – AGS, COW, MCH Summer – MCP, SGB | No records. |
| Summer tanager (<i>Pirang rubra</i>) | SSC | Breeds near gaps and edges of open forests (deciduous trees, mixed pine-oak woodlands). Found along streams with willows, cottonwoods, mesquite and saltcedar. | Summer – VRI Migrant – DSW | No records. |

Table H-3. Special-Status Wildlife Species Occurring or Potentially Occurring in the Project Area (continued)

| Common Name/ Scientific Name | Status | Habitat Association Summary | Temporal and Spatial Distribution ¹ | Occurrence in Project Area ² |
|---|----------|---|--|--|
| Tricolored blackbird (<i>Agelaius tricolor</i>) | SSC, BCC | Freshwater marshes of cattails, tule, and sedges. Nests in vegetation of marshes or thickets, sometimes nests on the ground. Historically strongly tied to emergent marshes; in recent decades much nesting has shifted to non-native vegetation. | Yearlong – AGS, URB, VRI | No records. |
| Yellow-headed blackbird (<i>Xanthocephalus xanthocephalus</i>) | SSC | Fresh-water marshes of cattail, tule, or bulrushes. Nests in wet grasses, reeds, and cattails. Also in open cultivated lands, pastures and fields. | Summer – AGS Yearlong - LAC | No records. |
| Pallid bat (<i>Antrozous pallidus</i>) | SSC, FSS | Arid deserts and grasslands, often near rocky outcrops and water. Less abundant in evergreen and mixed conifer woodland. Usually roosts in rock crevices or buildings, less often in caves, tree hollows, mines, etc. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, SGB, SMC, VRI Summer - URB | No records. |
| Townsend's big-eared bat (<i>Corynorhinus townsendii</i>) | SSC, FSS | Maternity and hibernation colonies typically are in caves and mine tunnels. Prefers relatively cold places for hibernation, often near entrances and in well-ventilated areas. | Yearlong – BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, SGB, SMC, URB, VRI Summer – AGS | One record in CNDDDB from the Project vicinity (AVS quad). No records in Project area. |
| Spotted bat (<i>Euderma maculatum</i>) | SSC | Solitary bat found in arid deserts, grasslands, and conifer forests where there are suitable roosts, including crevices in cliffs, caves, and building. Possibly occupies coniferous stands in summer and migrates to lower elevations in late summer/early fall. | Yearlong – AGS, COW, CSC, DSC, DSW, MCP, MHC, PPN, SGB, SMC, URB, VRI | No records. |
| Western mastiff bat (<i>Eumops perotis</i>) | SSC | Roosts in crevices and shallow caves on the sides of cliffs and rock walls, and occasionally buildings. Roosts usually high above ground with unobstructed approach. Most roosts are not used throughout the year. May alternate between different day roosts. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, URB, VRI | Three records in CNDDDB from the Project vicinity (HAM quad). No records in Project area. |
| Western red bat (<i>Lasiurus blossevillii</i>) | SSC | Roosts in foliage (mostly in trees), forages in open areas (not including deserts) from sea level up through mixed conifer forests. Typically occurs near edges and in habitat mosaics. Migrates between summer and winter ranges. | Yearlong – AGS, CRC, COW, CSC, MCP, MHC, URB, VRI Summer - LAC, MCH, MHW, PPN, SMC | No records. |
| Western yellow bat (<i>Lasiurus xanthinus</i>) | SSC | Roosts in trees in valley foothill riparian, desert riparian, desert wash and palm oasis habitats. In California recorded only at sites below 2000 feet elevation. Migrates between summer and winter ranges. | Yearlong – COW Migrant – VRI Summer - DSW | No records. |
| San Diego black-tailed jackrabbit (<i>Lepus californicus bennetti</i>) | SSC | The species occurs in open country with scattered thickets or patches of shrubs, including open plains, fields, and deserts. The sub-species is restricted to the South Coast bioregion. | Yearlong – AGS, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, SGB, SMC, URB, VRI | No records. |
| San Bernardino northern flying squirrel (<i>Glaucomys sabrinus californicus</i>) | SSC, FSS | Occurs mostly in coniferous and mixed forest, and sometimes in deciduous woodlands in relatively high elevation parts of the San Bernardino Mountains and, at least historically, the San Jacinto Mountains. Trees and snags with cavities are likely important as nesting sites. | Yearlong – COW, MHW, MHC, PPN, SMC, VRI | Five records in CNDDDB from Project vicinity (HAM, SBN, and SWL quads), including one within Project area in forests on south side of Silverwood Lake. |
| Mojave Ground Squirrel (<i>Xerospermophilus mohavensis</i>) | CT | Burrowing species associated with various habitat types in the western Mojave Desert, including areas of saltscrub, Joshua tree woodland, and creosote scrub. Populations may decline sharply during drought conditions. | Yearlong – AGS, DSC | Three records in CNDDDB from Project vicinity (AVS and HES quads). No records in Project area. |
| San Diego pocket mouse (<i>Chaetodipus fallax</i>) | SSC | Associated with a wide variety of arid, shrub- and herbaceous-dominated habitats, where there are sandy soils, rocky slopes, or coarse gravel. Found in burrows during daytime. | Yearlong – AGS, CRC, CSC, DSC, DSW, MCH, SGB | No records. |

Table H-3. Special-Status Wildlife Species Occurring or Potentially Occurring in the Project Area (continued)

| Common Name/ Scientific Name | Status | Habitat Association Summary | Temporal and Spatial Distribution ¹ | Occurrence in Project Area ² |
|--|-----------|---|--|--|
| White-eared pocket mouse (<i>Perognathus alticolus alticolus</i>) | SSC, FSS | Poorly known taxon restricted to a few sites in the Tehachapi and near Strawberry Peak in the San Bernardino Mountains, mostly from open, dry pine forests. The population in the San Bernardino Mountains may be extirpated. | Yearlong – MCH, SGB | Three records in CNDDDB from the Project vicinity (HAM quad) dated 1920-1934. No records in Project area. |
| Los Angeles Pocket Mouse (<i>Perognathus longimembris brevinasus</i>) | SSC | Occurs in low elevation coastal grassland, alluvial sage scrub, and coastal sage scrub. In San Bernardino County, likely restricted to areas east of the base of the San Bernardino Mountains. | Yearlong – CCH, COW, CSC, DSC, DSW, MCH, MCP, SGB | No records. |
| Southern grasshopper mouse (<i>Onychomys torridus</i>) | SSC | Most common in arid desert habitats, including desert scrub and alkali desert scrub, but also occurring in coastal scrub, sagebrush, chaparral, and other habitats. | Yearlong – AGS, CSC, DSC, DSW, MCH, SGB, VRI | No records. |
| Monterey dusky-footed woodrat (<i>Neotoma macrotis luciana</i>) | SSC | The species is generally found in dense chaparral, coastal sage-scrub, pinyon-juniper, oak and riparian woodlands and mixed conifer forest habitats that have a well-developed understory. | Yearlong – | No records. |
| San Diego Desert Woodrat (<i>Neotoma lepida intermedia</i>) | SSC | The species occurs over a large part of the arid western United States and Mexico, whereas the sub-species is evidently limited to coastal areas from San Luis Obispo County south where populations have declined. The species is found in Joshua tree woodlands, pinyon-juniper woodlands, mixed chaparral, sagebrush, and desert habitats. | Yearlong – CRC, CSC, DSC, DSW, MCH, MCP, MHC, SGB | No records. |
| Ringtail (<i>Bassariscus astutus</i>) | FP | Associated with areas with a mixture of forest and shrub-dominated habitats, with rock recesses, hollows, and other sites suitable for nesting and cover and within 0.6 miles of water. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, MHC, PPN, SGB, SMC, VRI | No records in CNDDDB. However, reported to occur in Silverwood Lake State Recreation Area by California Watchable Wildlife (2015). |
| American Badger (<i>Taxidea taxus</i>) | SSC | Occurs in open or brushy habitats, including early successional stages of forests, with dry, friable, often sandy, soils for burrowing. | Yearlong – AGS, BAR, CRC, COW, CSC, DSC, DSW, MCH, MCP, MHW, SGB, VRI | No records. |
| Total | 54 | | | |

Sources: Bolster 1998, Zeiner et al. 1988-2013, Shuford and Gardali 2008, IUCN Red List of threatened Species 2015, California Herps 2015

Notes:

¹Temporal and Spatial Distribution: based on WHR habitats that are mapped within proposed Project boundary and does not necessarily indicate known occurrence of the species.

²CNDDDB = California Natural Diversity Database (Cal Fish and Wildlife 2015)

Key:

ADS = Alkali Desert Scrub

AGS = Annual Grassland

AVS = Apple Valley South

BAR = Barren

BCC = USFWS Birds of Conservation Concern

CAJ = Cajon

Cal FP = Fully Protected

CESA = California Endangered Species Act

CNDDDB = California Natural Diversity Database

CRC = Chamise-redshank chaparral

COW = Coastal Oak Woodland

CSC = Coastal Scrub

DEV = Devore

DRI = Desert Riparian

DSC = Desert Scrub

DSW = Desert Wash

EUC = Eucalyptus

FSS = Forest Service Sensitive

HAM = Harrison Mountain

HES = Hesperia

JUN = Juniper

LAC = Lacustrine

LAR = Lake Arrowhead

MCH = Mixed Chaparral

MCP = Montane Chaparral

MHW = Montane Hardwood

MHC = Montane Hardwood-Conifer

MRI = Montane Riparian

PPN = Ponderosa Pine

Quad = United States Geological Survey topographic quadrangles

RIV = Riverine

SC = State Candidate

SE = State Endangered

SBN = San Bernardino North

SGB = Sagebrush

SMC = Sierran Mixed Conifer

SSC = State Species of Concern

ST = State Threatened

SWL = Silverwood Lake

URB = Urban

USFWS = U.S. Fish and Wildlife Service

VFR = Valley Foothill Riparian

WTM = Wet Meadow

Table H-4. Commercially Valuable Species Known or Potentially Occurring in Project Area

| Common Name | Scientific Name | Habitat Associations |
|------------------------|-------------------------------|--|
| Snow goose | <i>Chen caerulescens</i> | Freshwater wetlands, wet prairies and extensive sandbars, foraging in pastures, cultivated lands and flooded fields. |
| Ross's goose | <i>Chen rossii</i> | Marshy lakes, wet prairies, foraging in grassy areas, pastures and cultivated fields. |
| Canada goose | <i>Branta canadensis</i> | Overhead while migrating, marshes with tall grass and sedges near water. |
| Wood duck | <i>Aix sponsa</i> | Inland waters near woodlands such as swamps and marshes. |
| Northern pintail | <i>Anas acuta</i> | Lakes, rivers, marshes and ponds in grasslands, barrens, dry tundra, open boreal forest, or cultivated fields. Most breeding associated with seasonal and semi-permanent wetlands. |
| American wigeon | <i>Anas americana</i> | Open water on lakes, ponds, reservoirs and backwaters. |
| Northern shoveler | <i>Anas clypeata</i> | Open water on lakes, ponds and reservoirs. |
| Green-winged teal | <i>Anas crecca</i> | Open water on lakes, ponds, reservoirs and in marshes. |
| Cinnamon teal | <i>Anas cyanoptera</i> | Shallow open water on lakes, ponds, reservoirs and in marshes. |
| Blue-winged teal | <i>Anas discors</i> | Open water on lakes, ponds, reservoirs and in marshes. |
| Eurasian wigeon | <i>Anas penelope</i> | Winters primarily in freshwater (marshes, lakes) and brackish situations in coastal areas, but migrates extensively through inland regions; occurs in shallow water and fields and meadows. |
| Mallard | <i>Anas platyrhynchos</i> | Primarily shallow waters such as ponds, lakes, marshes, and flooded fields. |
| Gadwall | <i>Anas strepera</i> | Open water on lakes, ponds, reservoirs and backwaters. |
| Lesser scaup | <i>Aythya affinis</i> | Open water on lakes, ponds and reservoirs. |
| Redhead | <i>Aythya americana</i> | Open water on lakes, ponds and reservoirs. |
| Ring-necked duck | <i>Aythya collaris</i> | Open water on lakes, ponds, and reservoirs. |
| Greater scaup | <i>Aythya marila</i> | Open water and on emergent wetlands. Breeds primarily in tundra and northern borders of the taiga. |
| Canvasback | <i>Aythya valisineria</i> | Open water on lakes, ponds, reservoirs, and marshes. |
| Bufflehead | <i>Bucephala albeola</i> | Lakes, ponds, rivers and seacoasts. Breeds in tree cavities in mixed coniferous-deciduous woodland near lakes and ponds. |
| Common goldeneye | <i>Bucephala clangula</i> | Open water on lakes, ponds and reservoirs. |
| Hooded merganser | <i>Mergus cucullatus</i> | Open water on lakes, ponds and reservoirs. |
| Common merganser | <i>Mergus merganser</i> | Open water on lakes, ponds and reservoirs. |
| Red-breasted merganser | <i>Mergus serrator</i> | Open water on lakes, ponds and reservoirs. |
| Ruddy duck | <i>Oxyura jamaicensis</i> | Open water on lakes, ponds, reservoirs and marshes. |
| American coot | <i>Fulica americana</i> | Open water areas, along lake shores and stream edges, and in marshes. |
| Common gallinule | <i>Gallinula galeata</i> | Freshwater marshes, canals, quiet rivers, lakes, ponds, primarily in areas of emergent vegetation and grassy borders. Nests usually among marsh plants over water, occasionally in shrub in or near water. |
| Chukar | <i>Alectoris chukar</i> | Rocky hillsides, mountain slopes with grassy vegetation, open and flat desert with sparse grasses, and barren plateaus. Non-native. |
| California quail | <i>Callipepla californica</i> | Lower elevations and transition zone of mixed conifer forest between 1,200 and 7,000 feet elevation. |
| Gambel's quail | <i>Callipepla gambellii</i> | Arid interior, but also introduced in areas of dense brushy cover. |
| Mountain quail | <i>Oreortyx pictus</i> | Montane chaparral. |
| Band-tailed pigeon | <i>Columba fasciata</i> | Lower elevations and transition zone of mixed conifer forest between 1,200 and 5,500 feet elevation. |
| Ring-necked pheasant | <i>Phasianus colchicus</i> | Open country (especially cultivated areas, scrubby wastes, open woodland and edges of woods), grassy steppe, riverside thickets, swamps and open mountain forest. Non-native. |

Table H-4. Commercially Valuable Species Known or Potentially Occurring in Project Area (continued)

| Common Name | Scientific Name | Habitat Associations |
|-------------------------|---------------------------------|---|
| Mourning dove | <i>Zenaida macroura</i> | Lower elevations and transition zone of mixed conifer forest between 1,200 and 5,500 feet elevation. |
| American crow | <i>Corvus brachyrhynchos</i> | Open and partly open country: agricultural lands, suburban areas, orchards, and tidal flats. |
| Virginia opossum | <i>Didelphis virginiana</i> | Very adaptable; may be found in most habitats. Prefers wooded riparian habitats. Also in suburban areas. Abandoned burrows, buildings, hollow logs, and tree cavities are generally used for den sites. |
| American beaver | <i>Castor canadensis</i> | Readily occupy artificial ponds, reservoirs, and canals, if food is available. |
| Common muskrat | <i>Ondatra zibethicus</i> | Fresh or brackish marshes, lakes, ponds, swamps, and other bodies of slow-moving water. Rare or absent in artificial impoundments with fluctuating water levels. |
| Western gray squirrel | <i>Sciurus griseus</i> | Dependent upon mature stands of mixed conifer and oak habitats, closely associated with oaks. |
| Audubon's cottontail | <i>Sylvilagus audubonii</i> | Various habitats; dry uplands as well as low valleys and canyons. May inhabit open grasslands, brushlands, edges of foothill woodlands, willow thickets, sometimes in cultivated fields or under buildings. |
| Brush rabbit | <i>Sylvilagus bachmani</i> | Dense scrub and brushy edges of habitats, chaparral, and cactus. Also brushy areas on sand dunes and in bramble thickets. Usually near dense vegetative cover. Seldom uses burrows. |
| Black-tailed jackrabbit | <i>Lepus californicus</i> | Open plains, fields, and deserts; open country with scattered thickets or patches of shrubs. |
| Raccoon | <i>Procyon lotor</i> | Various habitats; usually in moist situations, often along streams and shorelines. |
| Striped skunk | <i>Mephitis mephitis</i> | Semi-open country with woodland and meadows interspersed, brushy areas, bottomland woods. Frequently found in suburban areas. |
| Western spotted skunk | <i>Spilogale gracilis</i> | Brushy canyons, rocky outcrops (rimrock) on hillsides and walls of canyons. When inactive or bearing young, occupies den in rocks, burrows, hollow logs, brush piles, or under buildings. |
| Long-tailed weasel | <i>Mustela frenata</i> | Wide variety of habitats, usually near water. Favored habitats include brushland and open woodlands, field edges, riparian grasslands, swamps, and marshes. |
| American badger | <i>Taxidea taxus</i> | Prefers open areas and may also frequent brushlands with little groundcover. When inactive, occupies underground burrow. |
| Bobcat | <i>Felis rufus</i> | Various habitats including deciduous-coniferous woodlands and forest edge, hardwood forests, swamps, forested river bottomlands, brushlands, deserts, mountains, and other areas with thick undergrowth. |
| Coyote | <i>Canis latrans</i> | Wide range of habitats in its extensive range, from open prairies of the west to the heavily forested areas of the Northeast; sometimes found in cities. |
| Gray fox | <i>Urocyon cinereoargenteus</i> | Often found in woodland and shrubland in rough, broken country. |
| Black bear | <i>Ursus americanus</i> | Occurs in fairly dense, mature stands of many forest habitats mostly above 3,000 feet elevation, and feeds in a variety of habitats including brushy stands of forest, valley foothill riparian and wet meadows. |
| Wild pig | <i>Sus scrofa</i> | Densely forested mountainous terrain, brushlands, dry ridges, swamps; sometimes in fields, marshes. Often in mixed hardwood forest with permanent water source. Seasonal changes in habitat use are linked to food availability. Non-native |
| Mule deer | <i>Odocoileus hemionas</i> | Early to intermediate successional stages of most forest, woodland, and brush habitats interspersed with herbaceous openings, dense brush or tree thickets, riparian areas, and abundant edge. |

Source: CDFW 2015

Table H-5. Summary of Information Regarding ESA-listed Species Assessed for Potential Occurrence within the Project Area

| Common Name Scientific Name | Status | Habitat Associations | Known Occurrences in Project Vicinity Quadrangles | Occurrence in Project Area | USFWS 5-Year Reviews and Recovery Plans |
|---|---------|--|--|--|--|
| Delhi Sands Flower-loving Fly (<i>Rhaphiomidas terminatus abdominalis</i>) | FE | Insect endemic to the Colton Dunes Ecosystem from Colton to Mira Loma in southwestern San Bernardino County and adjacent Riverside County. Associated with wild buckwheat (<i>Eriogonum fasciculatum</i>), croton (<i>Croton californicus</i>) and telegraph weed (<i>Heterotheca grandiflora</i>) (58 FR 49881). | None | No – Project is outside of known range | Recovery Plan (1997) 5-Year Review (2008) |
| Mohave Tui Chub (<i>Siphateles [Gila] bicolor mohavensis</i>) | FE, SE | Fish endemic to Mojave River and major tributaries in deep pools and slough-like habitat. Populations also introduced into ponds and spring-fed pools outside of the historical range. See Section 4.8.2.1 for additional information. | Silverwood Lake, Lake Arrowhead, Cajon, and Hesperia | Unlikely – occurred historically, but almost certainly extirpated | Recovery Plan (1984) 5-Year Review (2009) |
| Santa Ana Sucker (<i>Catostomus santaanae</i>) | FT, SSC | Fish endemic to the Los Angeles, San Gabriel, and Santa Ana river systems, and introduced into the Santa Clara River system, where it hybridizes with Owens sucker (<i>C. fumeiventris</i>). Found mostly in permanent streams less than 25 feet wide and with coarse substrates. | Harrison Mountain | No – Project is outside of species range, which does not include the Mojave River drainage | Recovery Plan (2014) 5-Year Review (2011) |
| Arroyo Toad (<i>Anaxyrus [Bufo] californicus</i>) | FE, SSC | Amphibian that breeds in low-gradient perennial and seasonal streams; forages and aestivates in associated riparian habitat; and may venture into adjacent uplands. Found from Monterey County, California, to Baja California, Mexico, in coastal streams and some inland draining streams. See Section 4.8.2.2 for additional information. | Silverwood Lake, Lake Arrowhead, and Cajon | Yes | Recovery Plan (1999) 5-Year Review (2009) |
| California Red-legged Frog (<i>Rana draytonii</i>) | FT, SSC | Amphibian that is largely aquatic except during dispersal, summer aestivation, and foraging in riparian areas. Breeds in still or slow-moving water with emergent and overhanging vegetation, including emergent wetlands, ponds, small lakes, and low-gradient stream reaches with permanent pools. See Section 4.8.2.3 for additional information. | Silverwood Lake, Lake Arrowhead, and Harrison Mountain | Unknown – occurred historically, but may be extirpated | Recovery Plan (2002) 5-Year Review (none) |
| Southern Mountain Yellow-legged Frog (<i>Rana muscosa</i>) | FE, SE | Amphibian that is highly aquatic and associated with moderate- to high-elevation mountain streams, permanent ponds, and lakes, particularly where fish have not been introduced. See Section 4.8.2.4 for additional information. | Silverwood Lake, Lake Arrowhead, San Bernardino North, Harrison Mountain, and Devore | Unlikely – occurred historically, but almost certainly extirpated | Recovery Plan (none) 5-Year Review (2012) |
| Mojave Desert Tortoise (<i>Gopherus agassizii</i>) | FT, ST | A large, terrestrial, burrowing turtle found in the Mojave and Sonoran Deserts north and west of the Colorado River. Habitats are primarily in creosote bush (<i>Larrea tridentata</i>) flats, less frequently on sloping ground in salt desert scrub and alluvial fans. | None | No – Project is outside of species range ¹ | Recovery Plan (2011) 5-Year Review (2010) |
| California Condor (<i>Gymnogyps californianus</i>) | FE, SE | Very large, soaring bird that seeks carrion in open habitats and nests mostly in cavities on escarpments and in hollows of old growth conifers. See Section 4.8.2.5 for additional information. | None | Unknown – species is wide-ranging and could fly over | Recovery Plan (1996) 5-Year Review (2013) |
| Coastal California Gnatcatcher (<i>Polioptila californica californica</i>) | FT, SSC | Non-migratory songbird associated with coastal sage scrub and less often in chaparral in coastal California to Baja California, Mexico. See Section 4.8.2.6 for additional information. | San Bernardino North and Devore | Unknown – Silverwood Lake area is outside of species range | Recovery Plan (none) 5-Year Review (2010) |
| Least Bell's Vireo (<i>Vireo bellii pusillus</i>) | FE, SE | Migratory songbird found during the breeding season in dense, riparian habitat and adjacent chaparral in river valleys. Found historically from interior northern California to northwestern Baja California, Mexico. See Section 4.8.2.7 for additional information. | San Bernardino North, Harrison Mountain, Devore | Possible, although higher elevation than expected range | Recovery Plan (1998) 5-Year Review (2006) |

¹ In addition to information in the Recovery Plan, the species range is based on information in Gernano et al. (1994) and Nussear et al. (2009)

Table H-5. Summary of Information Regarding ESA-listed Species Assessed for Potential Occurrence within the Project Area (continued)

| Common Name Scientific Name | Status | Habitat Associations | Known Occurrences in Project Vicinity Quadrangles | Occurrence in Project Area | USFWS 5-Year Reviews and Recovery Plans |
|--|--------|--|---|--|--|
| Southwestern Willow Flycatcher (<i>Empidonax traillii extimus</i>) | FE, SE | Migratory songbird found during the breeding season in dense, riparian thickets along streams and wetlands. Range includes southern California from Kern County south. See Section 4.8.2.8 for additional information. | Cajon and Harrison Mountain | Possible, although no records. | Recovery Plan (2002) 5-Year Review (2014) |
| San Bernardino Merriam's Kangaroo Rat (<i>Dipodomys merriami parvus</i>) | FE | Heteromyid (primarily seed-eating with fur-lined cheek pouches) rodent in Riversidean alluvial fan scrub vegetation associated with alluvial floodplains and adjacent uplands within San Bernardino, Menifee and San Jacinto valleys. Existing populations concentrated along upper Santa Ana River, Lytle Creek, Cajon Creek, Cable Creek, San Jacinto River, and Bautista Creek. See Section 4.8.2.9 for additional information. | Devore, San Bernardino North, and Harrison Mountain | Unlikely – most of the Project area is outside of species range. Critical Habitat has been designated near the Devil Canyon Powerplant. | Recovery Plan (none) 5-Year Review (2009) |
| Stephen's Kangaroo Rat (<i>Dipodomys stephensi</i>) | FE, ST | Heteromyid rodent found in sparsely vegetated grassland and coastal sage scrub, associated with gravelly soils and sparse shrub cover. Found within San Jacinto Valley and adjacent areas of Riverside and San Diego Counties, and formerly in southwestern San Bernardino County. | None | No – Project is outside of species range | Recovery Plan (1997) 5-Year Review (2011) |
| Slender-horned Spineflower (<i>Dodecahema leptoceras</i>) | FE, SE | Annual herb (Family Polygonaceae) found on floodplain terraces and sandy benches, areas that flood infrequently. Occurrences are associated with alluvial fan scrub (about 660 to 2,300 feet elevation). See Section 4.8.2.10 for additional information. | San Bernardino North and Devore | Unlikely – most of the Project area is outside of species range | Recovery Plan (none) 5-Year Review (2010) |
| Cashenbury Buckwheat (<i>Eriogonum ovalifolium</i> var. <i>vineum</i>) | FE | Perennial herb (Family Polygonaceae) endemic to carbonate substrates in the northern San Bernardino Mountains in Mojavean desert scrub and pinyon-juniper woodland (4,550-7,800 feet elevation). | None | No – Project is outside of species range | Recovery Plan (1997) 5-Year Review (2009) |
| Southern Mountain Buckwheat (<i>Eriogonum kennedyi</i> var. <i>austromontanum</i>) | FT | Perennial herb (Family Polygonaceae) endemic to pebble plain habitat and occasionally gravelly, lower montane coniferous forest in the northern San Bernardino Mountains, with all known occurrences within 10 miles of Big Bear Lake (5,750 to 9,400 feet elevation). | None | No – Project is outside of species range | Recovery Plan (none) 5-Year Review (2008) |
| Cushenbury Oxytheca (<i>Oxytheca [Acanthoscyphus] parishii</i> var. <i>goodmaniana</i>) | FE | Annual herb (Family Polygonaceae) endemic to carbonate rock substrates on dry slopes (usually in loose scree or talus) of the northern San Bernardino Mountains in pinyon-juniper woodlands (4,000 to 7,800 feet elevation). | None | No – Project is outside of species range | Recovery Plan (1997) 5-Year Review (2009) |
| Bear Valley Sandwort (<i>Eremogone [Arenaria] ursine</i>) | FT | Perennial herb (Family Caryophyllaceae) endemic to pebble plain habitat and occasionally dry slopes in pinyon-juniper woodland in the northern San Bernardino Mountains; known only from vicinity of Big Bear and Baldwin Lakes (5,850 to 6,500 feet elevation). | None | No – Project is outside of species range | Recovery Plan (none) 5-Year Review (2008) |
| Nevin's Barberry (<i>Berberis nevinii</i>) | FE, SE | Perennial (evergreen) shrub (Family Berberidaceae) native to chaparral and adapted to the natural fire regime for this habitat (also in washes). Endemic to southern California in scattered occurrences in Riverside, Los Angeles, and San Bernardino Counties (mostly 1,400 to 1,700 feet elevation, rarely to 2,000 feet). | Harrison Mountain (extirpated) | Unlikely – Project is likely outside of species range, where occurrences would be limited to transplants | Recovery Plan (none) 5-Year Review (2009) |
| Braunton's Milk-vetch (<i>Astragalus brauntonii</i>) | FE | Perennial herb (Family Fabaceae) associated with carbonate substrates (or downwash sites below carbonate substrates) in chaparral and coastal sage scrub where shrubs are sparse. Appears after fire or mechanical soil disturbance, but short-lived. Known only from small disjunct areas in Simi Hills, Santa Monica Mountains, and Santa Ana Mountains in Ventura, Los Angeles, and Orange Counties (800-2,100 feet elevation). | None | No – Project is outside of species range | Recovery Plan (1999) 5-Year Review (2009) |
| Santa Ana River Woolly-star (<i>Eriastrum densiflorum</i> ssp. <i>sanctorum</i>) | FE, SE | Perennial sub-shrub (Family Polemoniaceae) found on infrequently flooded, open, sandy, high-alluvial terraces. Endemic to the Santa Ana River drainage and a disjunct occurrence on Lytle Creek in San Bernardino County, California (500 to 2,000 feet elevation). See Section 4.8.2.11 for additional information. | Devore | Unlikely – most of the Project area is outside of species range | Recovery Plan (none) 5-Year Review (2010) |

Table H-5. Summary of Information Regarding ESA-listed Species Assessed for Potential Occurrence within the Project Area (continued)

| Common Name Scientific Name | Status | Habitat Associations | Known Occurrences in Project Vicinity Quadrangles | Occurrence in Project Area | USFWS 5-Year Reviews and Recovery Plans |
|---|--------|--|---|---|--|
| Ash-gray Paintbrush (<i>Castilleja cinerea</i>) | FT | Perennial hemiparasitic herb (Family Orobanchaceae) endemic to pebble plain habitat and occasionally in forest meadows, mixed coniferous forest (in clay openings), and pinyon-juniper woodland in the northern San Bernardino Mountains; known only from the vicinity of Big Bear Lake in the San Bernardino Mountains (5,900 to 10,900 feet elevation). | None | No – Project is outside of species range | Recovery Plan (none) 5-Year Review (2013) |
| San Diego Ambrosia (<i>Ambrosia pumila</i>) | FE | Perennial herb (Family Asteraceae) found on sandy loam or clay soils, mostly on upper terraces of rivers. Often in disturbed areas, sometimes in alkaline conditions in chaparral, coastal scrub, valley and foothill grassland, and vernal pools in western Riverside County (including Santa Ana River watershed), western San Diego County, and northwest Baja California, Mexico (65 to 1,350 feet elevation). | None | No – Project is outside of species range | Recovery Plan (none) 5-Year Review (2010) |
| Parish's Daisy (<i>Erigeron parishii</i>) | FT | Perennial herb (Family Asteraceae) endemic to carbonate substrates (occasionally granitic substrates) in the San Bernardino Mountains in Mojavean desert scrubs and pinyon-juniper woodland (2,600 to 6,500 feet elevation). | None | No – Project is outside of species range | Recovery Plan (1997) 5-Year Review (2009) |
| Thread-leaved Brodiaea (<i>Brodiaea filifolia</i>) | FT, SE | Perennial herb (Family Themidaceae) associated with moderately wet to occasionally moist conditions in grassland, on floodplains, or associated with vernal pools (200 to 1,000 feet elevation). See Section 4.8.2.12 for additional information. | San Bernardino North | Unlikely – most of the Project area is outside of species range | Recovery Plan (none) 5-Year Review (2009) |

Source: CDFW 2015

Note:

No federal candidates or proposed species were identified, and none of these species are listed by Forest Service as sensitive.

Key:

FE = federal endangered

FT = federal threatened

FSS = Forest Service sensitive

SE = California State endangered

ST = California State threatened

SFP = California State fully protected

SSC = California State species of special concern

Table H-6. Previous Cultural Resources Investigations

| Author/Date | Report | South Central Coastal Information Center No. |
|---------------------------|---|--|
| Austerman, Virginia, 2006 | <i>Cultural Resources Assessment: Tentative Tract 16794, City of San Bernardino, San Bernardino County, California.</i> Prepared by LSA Associates, Inc. Prepared for Gardner Construction. | 1065545 SB-5545 |
| Barber, Russell J., 1986 | <i>Archaeological and Historical Site Survey of the Area of the Proposed Second Afterbay, Devil Canyon Powerplant, San Bernardino, California.</i> California State University, San Bernardino. | 10601603 |
| Barber, Russell J. 1990 | <i>Report on the Examination of Certain Cultural Remains at the Devil Canyon Powerplant Site, Second Afterbay Site.</i> | N/A |
| Bauer, Don. R. 1972. | <i>A Milepost Accomplishment in Forest and Water Conservation; Address at the Silverwood Lake Dedication Program sponsored by the Mojave Water Agency at Cedar Springs Dam, San Bernardino National Forest.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Bauer, Don. 1972a. | <i>Memo re:FPC #2426, Silverwood Lake.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Bauer, Don. 1972b. | <i>Memo regarding FPC #2426, Silverwood Lake.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Brewster, Brad. 2012 | Technical Memorandum: <i>Cedar Springs Dam Historic Resources Evaluation.</i> Prepared by ESA, San Francisco. Prepared for the California Department of Water Resources. | 1067160 SB-7160 |
| DPR, 1976 | <i>California Inventory of Historic Resources.</i> Department of Parks and Recreation. Sacramento, California. On file at South Central Coastal Information Center. | N/A |
| DPR, 1982 | <i>California Historical Landmarks.</i> Department of Parks and Recreation. Sacramento, California. On file at South Central Coastal Information Center. | N/A |
| DPR, 1992 | <i>California Points of Historical Interest.</i> Department of Parks and Recreation. Sacramento, California. On file at South Central Coastal Information Center. | N/A |
| DPR, 1985 | <i>Index to Historic Resources Owned by California Department of Parks and Recreation.</i> Department of Parks and Recreation. Sacramento, California. On file at South Central Coastal Information Center. | N/A |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---|--|--|
| DWR, 1997 | <i>Request for Approval to Begin Extended Survey Work at Newly Discovered Archaeological Site: San Bernardino Tunnel Intake Reconstruction.</i> Department of Water Resources. Sacramento. | N/A |
| California OHP, 1996 | <i>California Historical Landmarks.</i> Office of Historic Preservation. Sacramento, California. On file at South Central Coastal Information Center. | N/A |
| California OHP, 2012 | <i>Archaeological Determinations of Eligibility San Bernardino County.</i> On file at South Central Coastal Information Center. | N/A |
| California OHP, 2013 | <i>Directory of Properties in the Historic Property Data File for San Bernardino County.</i> On file at South Central Coastal Information Center. | N/A |
| Conejo Archaeological Consultants. n.d. | <i>Cedar Springs Dam Maintenance Station; Draft Phase I Archaeological Survey.</i> Prepared for the California Department of Water Resources. | N/A |
| Cooper, Dennis, 1981 | <i>Archaeological Reconnaissance Report: Devore Key Fuels Management Area.</i> United States Forest Service. | 1063633 |
| Cooper, Jason B., 2003 | <i>Archaeological Reconnaissance Report: Ronald Spears Apiary (Special Use Permit CAJ 761801).</i> United States Forest Service. | 1064718 SB-4718 |
| DC. 1972. | <i>Current Facts of Importance Concerning Silverwood Lake and Memo re: Pearblossom Pumping Plant Dedication and First Water at Silverwood Lake.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| de Barros, Philip, 1990 | <i>Cultural Resources Management Plan, Rancho Las Flores Project, Hesperia, San Bernardino County, California.</i> Prepared by Chambers Group, Inc. and The Trager Law Offices. Prepared for ARC Las Flores Limited Partnership. | 1062564 SB-2564 |
| de Munck, Victor C., 1989 | <i>Environmental Impact Evaluation: A Cultural Resource Assessment of a 22.5 Acre Parcel of Land Designated as Tentative Tract No 14193 Located in the City of San Bernardino, San Bernardino County, California.</i> Prepared by Archaeological and Ethnographic Field Associates. Prepared for Monnig Development Inc. | 1061883 |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---------------------------|---|--|
| de Munck, Victor C., 1989 | <i>Environmental Impact Evaluation: A Cultural Resource Assessment of a 9.7 Acre Parcel of Land Designated as Tentative Tract No 14260 Located in the City of San Bernardino, San Bernardino County, California.</i> Prepared by Archaeological and Ethnographic Field Associates. Prepared for Monnig Development Inc. | 1061884 |
| de Munck, Victor C., 1989 | <i>Environmental Impact Evaluation: A Cultural Resource Assessment of a 9.7 Acre Parcel of Land Designated as Tentative Tract No 14261 Located in the City of San Bernardino, San Bernardino County, California.</i> Prepared by Archaeological and Ethnographic Field Associates. Prepared for Monnig Development Inc. | 1061885 |
| DPR, 1973 | Point of Historical Interest SBR-18H. On file at South Central Coastal Information Center. | N/A |
| DPR, 1973 | Point of Historical Interest SBR-022 (P-36-009938H). On File at South Central Coastal Information Center. | N/A |
| DWR, 1997 | Letter to FERC regarding discovery of previously unidentified archaeological site at Silverwood Lake. | N/A |
| DWR, 1997 | Letter to FERC requesting approval to begin extended survey work at newly discovered archaeological site: San Bernardino Tunnel Intake Reconstruction. | N/A |
| DWR, 1997 | Letter to FERC requesting an extension to submit final archaeological report. | N/A |
| DWR, 1997 | Memo regarding completion of required archaeological fieldwork at Silverwood Lake. | N/A |
| DWR, 1997 | Memo regarding discovery of new archaeological site in the Cleghorn Canyon Arm of Silverwood Lake. | N/A |
| Duro, Henry, 1997 | Letter dated August 22, 1997 to Robert Orlins of Department of Water Resources from Henry Duro of San Manuel Band of Mission Indians regarding Silverwood Lake Final Archaeological Report. | N/A |
| ESA, 2009 | <i>Administrative Draft EIR; DWR East Branch Enlargement Phase II.</i> | N/A |
| Feller, Peter L., 2009 | <i>Confidential Archaeological Letter for the Esparza Forest Fire Prevention Exemption, San Bernardino County, California.</i> Prepared by Black Fox Timber Management Group, Inc. | 1066682 SB-6682 |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---|---|--|
| Formica, Tracy, 2007 | Cultural Resources Monitoring of State Route 18 in the San Bernardino Mountains for the Natural Resources Conservation Service. Prepared by Applied Earthworks. Prepared for National Resources Conservation Service. | 1065907 SB-5907 |
| Foster, Daniel G., 1982 | <i>An Archaeological Reconnaissance of the Pilot Rock Conservation Camp Waterline, San Bernardino County, California.</i> California Department of Forestry. | 1061278 |
| Gardner, Jill K., Audry Williams, and Hubert Switalski, N.d. | <i>A Heritage Resources Inventory for the Hazard Tree Removal Project in the Mountain Top and Front Country Districts of the San Bernardino National Forest, on Behalf of the Southern California Edison Company.</i> Prepared by Center for Archaeological Research and AMEC Earth and Environmental. Prepared for Southern California Edison. | 1066761 SB-6761 |
| Gilbert, Rebecca H., 2012 | <i>Department of Water Resources Archaeological Survey Report and Historic Properties Evaluation Report: Cedar Springs Dam-Bench Repair Project, San Bernardino County, California.</i> DWR. | 1067160 SB-7160 |
| Gilbert, Rebecca H. and Brad Brewster, 2012 | <i>Department of Water Resources Archaeological Survey Report and Historic Properties Evaluation Report: Cedar Springs Boat Dock Erosion Project, San Bernardino County, California.</i> DWR. | 1067209 SB-7209 |
| Goldberg, Susan, 2010 | <i>Historic Property Survey Report: Horsethief Creek Bridge (#54-08916) Replacement Project on State Route 138, P.M. R24.1, San Bernardino County, California.</i> Prepared by Applied Earthworks. Prepared for CALTRANS. | 1066838 SB-6838 |
| Greenwood, Roberta S., John M. Foster, James J. Schmidt, Carmen A. Weber, and Gwendolyn R. Romani, 1991 | <i>Cultural Resource Investigation: Inland Feeder Project, Metropolitan Water District of Southern California.</i> Prepared by Greenwood and Associates. Prepared for P&D Technologies. | 1062853 SB-2853 |
| Hatheway and Associates, 1995 | <i>Results of a Cultural Resource Windshield Survey/Sensitivity Study and Spot Inspection for the Proposed Replacement of Substandard Water Pipelines, and Additional Storage, Supply and Pumping Facilities, Cedarripines Park, San Bernardino County, California.</i> Prepared for Cedarripines Park Mutual Water Company. | 1063453 |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---|--|--|
| Hines, Philip, with Glenn Farris, Robert Niblack, and Tamara Spear, 1997 | <i>Final Report: FERC Project No2426-063, San Bernardino Tunnel Intake Reconstruction Project: The Evaluation of Newly Discovered Archaeological Site CA-SBR-8913 (SL-1), Silverwood Lake, San Bernardino County, California.</i> Prepared by State of California Department of Parks and Recreation. Prepared for DWR. | 1063359 |
| Hines, Philip, 1997 | <i>Final Report; FERC Project No. 2426-063; San Bernardino Tunnel intake Reconstruction Project; The Evaluation of Newly Discovered Archeological Site CA-SBR-8913 (SL-1); Silverwood Lake, San Bernardino County, California.</i> Prepared for State of California Department of Water Resources, Division of Planning, Sacramento, California. | N/A |
| Horne, Stephen, 1976 | <i>Preliminary Archaeological Reconnaissance Report, Silverwood-Heart Bar Land Exchange, Arrowhead District, San Bernardino National Forest.</i> United States Forest Service. | 1063358 |
| Horne, Stephen. 1976. | <i>Archaeological Reconnaissance Report Form for Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Horne, Stephen. 1976. | <i>Note to Harry Simpson regarding notes on Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Horne, Stephen. 1976. | <i>Field record for Archaeological Reconnaissance Record of Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Lerch, Michael K., 1989 | <i>Cultural Resources Assessment of Five Public Works Infrastructure Improvements, Verdemon Area Assessment District #987, City of San Bernardino, California.</i> Prepared by Michael K. Lerch and Associates. Prepared for City of San Bernardino. | 1061958 |
| Lerch, Michael K., 1994 | <i>Cultural Resources Assessment of Effluent Holding Ponds, Crestline Sanitation District, San Bernardino County, California.</i> Prepared by Tom Dodson & Associates. Prepared for San Bernardino County Office of Special Districts. | 1062845 |
| Lerch, Michael K. with William E. Hayden, Kurt R. Heidelberg, and Anne Q. Stoll, 2001 | <i>A Class I Cultural Resources Assessment for the FEMA/City of San Bernardino Vegetation Management Project (HMGP #1005-20), San Bernardino County, California.</i> Prepared by Statistical Research, Inc. Prepared for URS Group, Inc. | 1064722 |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|-------------------------|---|--|
| Losekoot, Frank, 2012 | <i>A Confidential Archaeological Letter for the Mozumdar Emergency Notice for the County of San Bernardino, Hazardous Tree Removal Operations, San Bernardino County, California.</i> | 1067207 |
| Love, Bruce, 1996 | <i>Archaeological Records Search Results: San Bernardino Vegetation Management Project, San Bernardino County, California.</i> Prepared by CRM TECH. Prepared for Dodson & Associates. | 1063117 |
| McDougall, Dennis, 2007 | <i>Cultural Resources Survey of an Approximate 1.0 Acre Parcel Located on United States Forest Service Land Directly Adjacent to the Metropolitan Water District of Southern California's Inland Feeder Pipeline Devil Canyon Portal in San Bernardino County, California.</i> Prepared by Applied Earthworks. Prepared for PSOMAS. | 1065898 SB-5898 |
| Mirro, Michael, 2004 | <i>Letter Report: Cultural Resources Survey of 40 Acres on Cedar Pines Park for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064322 SB-4322 |
| Mirro, Michael, 2004 | <i>Letter Report: Cultural Resources Survey of 67 Acres on the Hill Top Renewal Property for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064457 SB-4457 |
| Mirro, Michael, 2004 | <i>Letter Report: Cultural Resources Survey of Highway 138 between the State Route 18/138 Junction and Southeast Shore of Silverwood Lake near Burnt Mill Canyon, California (PM29.1/37.8; 8.7 miles).</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064747 SB-4747 |
| Mirro, Michael, 2005 | <i>Letter Report: Cultural Resources Survey of Approximately 105 Acres on the Mozumdar Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064744 SB-4744 |
| Mirro, Michael, 2005 | <i>Letter Report: Cultural Resources Survey of Approximately 60 Acres on the Sawpit Canyon Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064745 SB-4745 |
| Mirro, Michael, 2006 | <i>Letter Report: Cultural Resources Survey of Approximately 68 Acres on the Mojave River Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1064739 SB-4739 |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---|--|--|
| Mirro, Michael, 2006 | <i>Letter Report: Cultural Resources Survey of Approximately 95.1 Acres within the Urban Large Parcel CPP 184 Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1065450 SB-5450 |
| Mirro, Michael, 2008 | <i>Letter Report: Cultural Resources Survey of 126.3 Acres on the Sawpit Canyon Fuel Modification Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1066050 SB-6050 |
| Mirro, Michael, 2008 | <i>Letter Report: Cultural Resources Survey of 20.3 Acres on the Jobs Peak Fuel Modification Project Area for the Natural Resources Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1066051 SB-6051 |
| Mirro, Michael, 2008 | <i>Letter Report: Cultural Resources Survey of 66.7 Acres on the Mojave River Fuel Modification Project Area for the Natural Resource Conservation Service.</i> Prepared by Applied Earthworks, Inc. Submitted to National Resources Conservation Service. | 1066049 SB-6049 |
| Mlazovsky, Marilyn, 1994 | <i>Archaeological Reconnaissance Report: Cleghorn Ridge-Miller Canyon OHV Trail.</i> San Bernardino National Forest. | 1063352 |
| Napton, Kyle L. and E. A. Greathouse with Stephanie Velasquez and Linda Pollack, 2009 | <i>A Cultural Resources Investigation of the Pilot Rock Conservation Camp FY-2008-09 Minor Capital Outlay Project, San Bernardino County, California.</i> Prepared by California State University, Stanislaus and California Department of Forestry and Fire Protection. Prepared for California Department of Forestry and Fire Protection. | 1066269 SB-6269 |
| Offermann, Janis, 2005 | <i>Negative Archaeological Survey Report: Devil Canyon Creek Culvert Bridge Removal Project, San Bernardino County, California.</i> Department of Water Resources. | 1064725 SB-4725 |
| Offermann, Janis, 2005 | <i>Negative Archaeological Survey Report: Upper Cleghorn Canyon Stream Gaging Station Restoration Project, San Bernardino County, California.</i> Department of Water Resources. | 1064964 SB-4964 |
| Offermann, Janis, 2007 | Letter dated March 15, 2007 to the California State Historic Preservation Officer from the Department of Water Resources regarding the Cedar Springs Dam Maintenance Station, FERC Project #2426. | N/A |
| Pierce, Gene. 1972. | <i>Memo regarding Cedar Springs Reservoir.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|---|--|--|
| Rector, Carol with Pat Welch and Judyth E. Reed, 1984 | <i>Cultural Resources Inventory for the 1984 and part of 1985 California Metropolitan Project Area Public Land Sales Program.</i> Bureau of Land Management. | 1061445 |
| Reynolds, Robert E., 1972 | <i>Site Survey Form: Wild Horse Mesa 36.</i> | N/A |
| Reynolds, Robert E., 1972 | <i>Site Survey Form: Wild Horse Mesa 37.</i> | N/A |
| Reynolds, Robert E., 1978 | <i>Archaeological Reconnaissance Report: Pilot Rock Key Area Fuel Breaks.</i> United States Forest Service. | 1063517 |
| Reynolds, Robert E., 1985 | <i>Archaeological Reconnaissance Report: Camp Seeley/ Pearson Drilling.</i> United States Forest Service. | 1063356 |
| Schmidt, James J., 2004 | Letter to Adam Siro, Southern California Edison Company: <i>Tetley 12 kV Distribution Line, Silverwood Lake State Recreation Area, San Bernardino County.</i> Compass Rose Archaeological, Inc. | 1064243 |
| Schulz, Peter D., 1977 | <i>Review of Archeological Resource Identification and Impact Mitigation; California Aqueduct Project (West Branch, Mojave Division and Coastal Branch).</i> Prepared by DPR. Prepared for DWR. | N/A |
| Simpson, Harry L. 1976. | <i>Transmittal for Horne, Stephen. 1976. Archaeological Reconnaissance Report Form for Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | 1063358 |
| Smith, Gerald A. N.d. | <i>Archaeological Survey of the Mojave River and Adjacent Regions.</i> | 1061915 |
| Sutton, Mark Q. and Joan S. Schneider, 1989 | <i>Archaeological Studies (Inventory, Testing, and Evaluation) of the Mojave Siphon Project, Summit Valley, San Bernardino County, California.</i> Prepared by California State University Bakersfield. Prepared for DWR. | 1061925 SB-1925 |
| Tang, Bai, Michael Hogan, Josh Smallwood, and Kelli Olgren-Leblond, 2006 | <i>Historic Building Evaluation: 6611 Devil Canyon Road, City of San Bernardino, San Bernardino County, California.</i> Prepared by CRM TECH. Prepared for Municipal Water Department-Water Utility, City of San Bernardino. | 1064724 SB-4724 |
| Tang, Bai, Michael Hogan, Josh Smallwood, and Kelli Olgren-Leblond. 2006. | <i>Historic Building Evaluation: 6667 Devil Canyon Road, City of San Bernardino, San Bernardino County, California.</i> Prepared by CRM TECH. Prepared for Municipal Water Department-Water Utility, City of San Bernardino. | 1065274 SB-5274 |
| U.S. Department of the Interior, 1976 | <i>National Register of Historic Places Vol. II.</i> On file at South Central Coastal Information Center. | N/A |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|--|--|--|
| U.S. Department of the Interior, 1976 | <i>National Register of Historic Places.</i> On file at South Central Coastal Information Center. | N/A |
| URS Consultants, Inc., 1988 | <i>Appendix F; Cultural Resource Inventory of the Proposed Rancho Las Flores Planned Unit Development; San Bernardino, California.</i> Prepared for County of San Bernardino, California. | N/A |
| URS Consultants, Inc., 1990 | <i>Rancho Las Flores Environmental Impact Report; Volume I - Technical Report.</i> Prepared for the City of Hesperia, California. | N/A |
| Various <ul style="list-style-type: none"> • Mlazovsky, Marilyn. 1997. • Rhodes, Herbert. 1976a. • Rhodes, Herbert 1976b. | <ul style="list-style-type: none"> • <i>Letter to Marc Stamer c/o Lake Silverwood State Recreation Area regarding Preliminary Archaeological Reconnaissance Report for the Silverwood-Heart Bar Land Exchange and a potential site.</i> On file at San Bernardino Forest Service Supervisor's Office. • <i>Letter to H.J. Williams, USFS, regarding submittal of the Preliminary Archaeological Reconnaissance Report for the Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. • <i>Letter to H.J. Williams, USFS, regarding submittal of the Preliminary Archaeological Reconnaissance Report for the Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Various: <ul style="list-style-type: none"> • Orlins, Robert I. 1994. • Robinson, J. Mark. 1994. • Widell, Cherilyn. 1994. • Widell, Cherilyn. 1997. | <ul style="list-style-type: none"> • Letter to DWR from FERC regarding records search for San Bernardino Tunnel Intake Reconstruction Project. • Letter to SHPO from FERC regarding records search for San Bernardino Tunnel Intake Reconstruction Project. • Letter to FERC from SHPO providing concurrence on evaluation regarding records search for San Bernardino Tunnel Intake Reconstruction Project. • Letter regarding San Bernardino Tunnel Intake Construction Project, FERC 2426-063. | N/A |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|--|--|--|
| Various: <ul style="list-style-type: none"> • Patel, Viju. 1990. • Long, Donald R. 1989. • Shumway, Dean L. 1989. • Sutton, Mark Q. 1989. | <ul style="list-style-type: none"> • Letter dated January 10, 1990 to Federal Energy Regulatory Commission regarding archaeological studies for Project No. 2426-028, California Mojave Siphon Powerplant Project. • Letter dated December 7, 1989 to the Advisory Council on Historic Preservation regarding action taken by Department of Water Resources for Section 106 regarding the Mojave Siphon Project. • Letter dated April 13, 1989 to Viju Patel, Department of Water Resources, regarding amendment of license application and failure of compliance. • <i>Proposal for Archaeological Studies (Phase I): Mojave Siphon Project, Summit Valley, San Bernardino County.</i> Prepared by Cultural Resource Facility, California State University, Bakersfield. Prepared for State of California, Department of Water Resources, Sacramento. | N/A |
| Wayland, Brian, 2004 | <i>An Archaeological Survey Report for the Sawpit Emergency Fire Salvage Timber Operations Notice #2, Cedarpines Park, San Bernardino County, California.</i> Prepared by Wayland Resource Management, Inc. | 1066681 SB-6681 |
| Wayland, Brian, 2004 | <i>An Archaeological Survey Report for the Sawpit Emergency Fire Salvage Timber Operations Notice #3, Cedarpines Park, San Bernardino County, California.</i> Prepared by Wayland Resource Management, Inc. | 1066680 SB-6680 |
| White, Laurie, 2000 | Letter from Archaeological Associates to Environmental Science Associates: "Cultural Resource Assessment for AT&T Wireless Site #C592.2 (Jobs Peak), Valley of Enchantment, San Bernardino County, California". | 1063866 |
| White, Robert S. and Laura S. White, 2006 | <i>A Cultural Resources Assessment of the Pine 2 Project, a 10.7 Acre Parcel Located Southeast of the Intersection of West Redwood Street and North Brenda Lane, City of San Bernardino, San Bernardino County.</i> Prepared by Archaeological Associates. Prepared for Lilburn Corporation. | 1066056 SB-6056 |
| Williams, H. J. 1976. | <i>Letter to the Director of the Department of Parks and Recreation regarding the proposed land exchange at Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |
| Williams, H. J. 1976. | <i>Letter to the State Historic Preservation Officer regarding the proposed land exchange at Silverwood-Heart Bar Land Exchange.</i> On file at San Bernardino Forest Service Supervisor's Office. | N/A |

Table H-6. Previous Cultural Resources Investigations (continued)

| Author/Date | Report | South Central Coastal Information Center No. |
|--|--|--|
| Williams, Audry and Hubert Switalski, 2005 | <i>Archaeological Monitoring for the Hazard Tree Removal Project in the Mountain Top and Front Country Districts of the San Bernardino National Forest, on Behalf of the Southern California Edison Company.</i> Prepared by Center for Archaeological Research and AMEC Earth and Environmental. Prepared for Southern California Edison. | 1066762 SB-6762 |

Source: DWR, SCCIC

Key:

DPR = California Department of Parks and Recreation

DWR = California Department of Water Resources

ESA = Endangered Species Act

EIR = Environmental impact report

FEMA = Federal Emergency Management Agency

FERC = Federal Energy Regulatory Commission

kV = Kilovolt

OHP = Office of Preservation

OHV – Off-Highway Vehicle

Table H-7. Previously Recorded Historic Archaeological Sites

| Primary No. | Trinomial | Other Designations | Description | NRHP and CRHR Eligibility |
|-------------|--------------|--------------------|--|---------------------------|
| P-36-01626 | CA-SBR-1626H | N/A | Historic ranch complex: standing structures, domestic debris, agricultural fields, burned debris, possible remains of older ranch buildings (Late 1800s to Early 1900s) | Unevaluated |
| P-36-09859 | CA-SBR-9859H | N/A | Buried residential refuse dump: cans, bottles, ceramics, car parts, other residential debris, possible association of stone house. Maker's marks: 1940s-1950s. | Unevaluated |
| P-36-09860 | CA-SBR-9860H | N/A | Buried linear well feature of redwood planks and beams. Possibly built the City of San Bernardino (1930s). | Unevaluated |
| P-36-12142 | CA-SBR-2143H | N/A | Historic residential site with collapsed structure, cement well, dirt road, brick stairway, and associated structural debris, ca. 1940s. | Unevaluated |
| P-36-12143 | CA-SBR-2144H | N/A | Historic residential site with rock and mortar foundation, heater or stove, and dirt road. | Unevaluated |
| P-36-12199 | N/A | N/A | Partially buried water trough constructed of field stone and mortar lined with plaster. 1930s-1940s | CRHR Not Eligible |
| P-36-13421 | N/A | N/A | Part of Devil Canyon Toll Road/Sawpit Creek Road, constructed c. 1879. | Unevaluated |
| P-36-13429 | N/A | N/A | A historic residential site consisting of structure pads, a stone and concrete staircase, stone and concrete walkway sections, concrete foundation remnants, and assorted structural debris. | Unevaluated |
| P-36-13430 | N/A | N/A | A stone and cement cistern and metal pipe, the remains of two walls (possibly to a reservoir), assorted wood and metal debris. | Unevaluated |
| P-36-13431 | N/A | N/A | An earthen structural/pad foundation reinforced with unmortared cobbles and segment of steel pipe. Early – mid twentieth century. | Unevaluated |

Table H-7. Previously Recorded Historic Archaeological Sites (continued)

| Primary No. | Trinomial | Other Designations | Description | NRHP and CRHR Eligibility |
|-------------|--------------|--------------------|--|---------------------------|
| P-36-13432 | N/A | N/A | Stone and concrete foundation and lower walls of a residential structure constructed in 1928 and another small stone and concrete foundation for an incinerator. | Unevaluated |
| P-36-13885 | CA-SBR-2710H | N/A | The partially collapsed remains of a rock-lined, beehive shaped limestone kiln.1860s-1880s | Unevaluated |
| P-36-24108 | CA-SBR-5293H | N/A | A two-track dirt road with no associated artifacts 1950s | Unevaluated |
| P-36-24109 | CA-SBR-5294H | N/A | A paved two-lane road that accesses the Mojave Siphon Powerplant, and a corrugated metal culvert.1950s | Unevaluated |
| P-36-24110 | CA-SBR-5295H | N/A | A paved two-lane road that accesses the Cedar Springs Spillway maintenance facility, and a metal drainage culvert.1950s | Unevaluated |
| P-36-24111 | CA-SBR-5296H | N/A | A paved two-lane road that accesses Las Flores Ranch.1880s-1950s | Unevaluated |
| P-36-24794 | CA-SBR-5835H | N/A | Dart Canyon Road – an asphalt paved, two-lane road.1950s | Unevaluated |
| P-36-24795 | CA-SBR-5836H | N/A | Burnt Mill Road – an unpaved two-track road 1950s | Unevaluated |
| P-36-24798 | CA-SBR-5839H | N/A | Forest Service Road 2N47 – an asphalt paved, one-lane road1950s | Unevaluated |
| P-36-24799 | CA-SBR-5840H | N/A | A segment of asphalt-paved, two-lane road that accesses Cottonwood Station from Highway 138.1950s | Unevaluated |

Source: SCCIC

Key:

CRHR = California Register of Historical Places

No. = Number

NRHP = National Register of Historic Places

CPHI = California Point of Historical Interest

SCCIC = South Central Coastal Information Center

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