Appendix C
Biological Resources Report

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June 15, 2022 (Revised September 1, 2023) 14324

Vickie Sanders, Parks Manager
County of El Dorado, Chief Administrative Office-Parks Division
330 Fair Lane, Placerville, CA 95667

Subject: Biological Resources Assessment for the Diamond Springs Community Park Project in El Dorado County, CA

Dear Ms. Sanders,

Dudek has prepared this Biological Resources Assessment (BRA) for the Diamond Springs Community Park (Proposed Project) located in community of El Dorado in unincorporated El Dorado County (County), California. The purpose of the BRA is to identify and characterize existing onsite biological resources, with particular focus on the potential of the Project site to support special-status plant and wildlife species and other sensitive resources, such as wetlands and other aquatic resources potentially under the regulatory jurisdiction of state and/or federal resource agencies. This assessment also identifies potential constraints to Project implementation posed by the presence or potential presence of sensitive resources, as well as recommendations to minimize and/or avoid impacts to these resources.

1 Project Location

The 39.59-acre Project site (APN 331-400-002 and 331-301-019) is located the unincorporated community of El Dorado, approximately 4 miles southwest of the city of Placerville, El Dorado County, California (Figure 1, Project Location). The Project site is located in the western foothills of the Sierra Nevada Mountains. The area is characterized by gently rolling foothills and low-gradient streams that flow that flow southward towards the Cosumnes River. Elevations on the Project site range from approximately 1,670 to 1,720 feet above mean sea level. The site is situated in Township 9 North, Range 10 East, and Section 1 within the 7.5-minute U.S. Geological Survey (USGS) Placerville quadrangle. The approximate center of the Project site corresponds to 38.6682004 north latitude and -120.833082 west longitude.

2 Project Description

The County is proposing the Proposed Project, an approximate 40-acre community park within the community of El Dorado. Implementation of the Project would allow for development of a vacant and underutilized property within the County. The Project would offer various passive and active recreational amenities to the local community as well as sports clubs, regional sports leagues, and nearby schools. Park elements may include a combination of recreation elements such as basketball courts, ball fields, tennis/sports courts, indoor recreation/gym buildings, as well as natural preserve and trail areas, interpretive/learning areas, open turf, public restrooms, and seating areas. Walking paths, lighting, and landscaping would may also be included as a part of the development, as would a designated parking area.

3 Methods

3.1 Preliminary Site Evaluation

Prior to conducting the survey, Dudek performed a review of pertinent online and literature sources. This consisted of a review of the following online databases and reports: the U.S. Fish and Wildlife Service (USFWS) Information, Planning, and Conservation (IPaC) Trust Resource Report, California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB), and the California Native Plant Society (CNPS) online Inventory of Rare and Endangered Vascular Plants (USFWS 2022a; CDFW 2022a; CNPS 2022a). The IPaC report was based on a query for the Project site. The CNDDB and CNPS databases were queried for the nine USGS 7.5-minute quadrangles containing and immediately surrounding the Project site (*Placerville, Camino, Aukum, Fiddletown, Latrobe, Shingle springs, Coloma, Garden Valley, Slate Mtn.*). Following a review of these resources, Dudek biologists determined the potential for special-status plant and wildlife species to occur onsite. Determinations were based on a review of habitat types, soils, and elevation preferences, as well as the known geographic range and nearest occurrence records of each species. No protocol-level surveys for special-status species were conducted.

For this report, special-status plant and wildlife species are defined as those that are (1) listed, proposed for listing, or candidates for listing as Threatened or Endangered under the federal Endangered Species Act; (2) listed or candidates for listing as Threatened or Endangered under the California Endangered Species Act; (3) a state fully-protected species; (4) a CDFW Species of Special Concern; or (5) a species listed on the CNPS Inventory of Rare and Endangered Plants with a California Rare Plant Rank (CRPR) of 1 or 2.

3.2 Field Surveys

3.2.1 Biological Field Survey

Dudek biologists Laura Burris and Lorna Haworth performed a biological field survey of the Project site on April 28, 2022. The survey was conducted on foot to visually cover the entire Project site. Representative site photographs of the Project site are included in Attachment A.

All plant species encountered were identified to the lowest taxonomic level needed to determine rarity. Those species that could not be immediately identified were brought into the laboratory for further investigation. Latin names follow the Jepson Interchange List of Currently Accepted Names of Native and Naturalized Plants of California (Jepson Flora Project 2022), and common names follow the U.S. Department of Agriculture Natural Resources Conservation Service PLANTS Database (USDA 2022a).

Wildlife species detected during the field survey by sight, calls, tracks, scat, or other signs were recorded directly into a field notebook. The site was also scanned with binoculars to aid in the identification of wildlife. A list of plant and wildlife species identified on the Project site during the survey is included in Attachment B.

3.2.2 Aquatic Resources Delineation

Concurrent with the fieldwork on April 28, 2022, Laura Burris performed a preliminary field delineation on April 28, 2022, to identify and map the extent of aquatic resources within or adjacent to the Project site that are potentially subject to regulation under federal Clean Water Act (CWA) Sections 401 and 404, California Fish and Game Code Section 1600, or the provisions of the Porter-Cologne Water Quality Act.

The aquatic resources delineation was reconnaissance in nature and was not conducted to the level of detail required for aquatic resources permitting. Additional investigation will be required if aquatic resources permitting is necessary. Results of the aquatic resources delineation are incorporated into this assessment.

4 Results

4.1 Site Description

The Project site is located in the western foothills of the Sierra Nevada Mountains, in the Cosumnes River watershed. The area is characterized by gently rolling foothills and low-gradient streams that flow that flow southward towards the Cosumnes River. Elevations on the Project site range from approximately 1,670 to 1,720 feet above mean sea level. The Project site is surrounded by residential development and open grassland and oak woodland. The Project site is located in a warm and temperate climate where average annual temperatures range from approximately 32.6°F to 91.4°F, and the average annual precipitation is 43.8 inches. On average, the months with the highest rainfall are December and January, and July has the least precipitation (WRCC 2022).

4.2 Soils

There are six soil mapping units mapped on the Project site: Diamond Springs very fine sandy loam, 9-15% slopes, mixed alluvial land, Sobrante very rocky silt loam, 3-30% slopes, Boomer-Sites loams, 9-15% slopes, Mariposa gravelly silt loam, 3-30% slopes, and Diamond Springs very rocky very fine sandy loam, 3-50% slopes (2022b) (Figure 2, Soil Types). Both the primary and secondary soil series are described below. No exposed serpentine soils or outcrops were observed on the Project site during the field survey. According to Calflora (2022), no serpentine soils are mapped on the Project site; the nearest serpentine soils are mapped near Shingle Springs northwest of the Project site. Soils on the Project site are slightly to moderately acidic (Calflora 2022).

Diamond Springs very fine sandy loam, 9-15% Slopes: This soil unit is dominated by the Diamond Springs series which consists of well drained soils formed from fine grained metamorphosed acid igneous and rhyolitic rocks. Diamond Springs series are on gentle to steep slopes in a semiarid climate. None of the soil map unit is classified as hydric (USDA 2022c). This map unit comprises the northwestern portion of the Project site.

Mixed alluvial land: This soil unit contains soils formed in alluvium from mixed sources. Texture ranges from sand to silt. This map unit is associated with Deadman Creek flowing through the eastern portion of the Project site. This soil type is associated with drainages and streams and is considered hydric.

Sobrante very rocky silt loam, 3-30% slopes: This soil unit is dominated by the Sobrante series which consists of moderately deep, well drained soils formed in material weathered from basic igneous and metamorphic rocks.

Sobrante soils are on foothills in moist subhumid climate. None of the soil map unit is classified as hydric (USDA 2022c). This map unit comprises the eastern portion of the Project site.

Boomer-Sites loams, 9-15% slopes: This soil unit is dominated (55%) by the Boomer series which consists of deep and very deep, well drained soils that formed in material weathered from metavolcanic and basic igneous rocks. Boomer soils are on foothills and mountains. The second dominant map unit is the Sites series which consists of deep or very deep, well drained soils formed in material weathered from metabasic and metasedimentary rocks. Sites soils are on summits and backslopes of mountain slopes in Mediterranean climate. None of the soil map unit is classified as hydric (USDA 2022c). This map unit comprises the eastern portion of the Project site.

Mariposa gravelly silt loam, 3-30% slopes: This soil unit is dominated by the Mariposa series which consists of moderately deep, well drained soils formed in material weathered from metasedimentary rocks. Mariposa soils are on mountains in Mediterranean climates. None of the soil map unit is classified as hydric (USDA 2022c). This map unit comprises the southern portion of the Project site.

Diamond Springs very rocky very fine sandy loam, 3-50% slopes: This soil unit is dominated by the Diamond Springs series which consists of well drained soils formed from fine grained metamorphosed acid igneous and rhyolitic rocks. Diamond Springs series are on gentle to steep slopes in a semiarid climate. None of the soil map unit is classified as hydric (USDA 2022c). This map unit comprises the southern portion of the Project site.

4.3 Hydrology

The Project site occurs within the Martinez Creek subwatershed (Hydrologic Unit Code 180400130203), within the greater Cosumnes River Watershed (Figure 3, Hydrologic Setting; CDFW 2022). The Project site is located in the foothills of the western Sierra Nevada Mountains and Deadman Creek flows north to south through the site. Water from the site drains to Deadman Creek and flows south to Martinez Creek, which drains south to the Lower North Fork Cosumnes River which in turn drains southwest to the Sacramento/San Joaquin River Delta.

The Project site contains an intermittent stream (Deadman creek) that flows in a southern direction from the northeast to south boundary of the Project site. There is an ephemeral channel and two drainage ditches from the west to east boundary of the Project site. NHD (USGS 2022) identifies Deadman's creek and NWI (USFWS 2022) identifies both the creek and wetland near the northwest Project area boundary. These datasets are mapping at a coarse scale, providing reconnaissance-level data on the presence, location, and size of waters.

4.4 Vegetation Communities and Land Cover Types

Land cover in the Project site consist of natural vegetation communities. The vegetation communities and land covers have been adapted from the Manual of California Vegetation, Online Edition (CNPS 2022). The following vegetation communities and land cover types were documented in the Project site and are described in further detail below: Baltic and Mexican rush marsh, interior live oak woodland and forest, blue oak woodland and forest, and wild oats and annual brome grassland (Figure 4, Vegetation Communities and Land Cover Types). A total of 131 species of native or naturalized plants, 80 native (61%) and 51 non-native (39%), was recorded in the Project site during the field delineation (see Attachment B).

Table 1. Vegetation Communities Mapped on the Project Site

Abbreviation	Vegetation Community/ Land Cover Type	Vegetation Alliance and CDFW Alliance Code	Sensitive? (Y/N)	Acreage
Vegetation Communities				
Herbaceous				
BGA	Wild Oats and Annual Brome Grasslands	Wild Oats and Annual Brome Grasslands (*Avena spp.*) *Bromus diandrus* Association; 42.026.11	No	5.31
BR-FS	Baltic and Mexican Rush Marshes	Baltic and Mexican Rush Marshes (*Juncus arcticus var. balticus*) *Carex pergracilis* Association; 45.562.04	No	1.74
Woodland				
MOW	Mixed Oak Woodland	Mixed oak – Pinus Sabiniana/grass Association; 71.100.07	No	12.10
ILO-GP	Interior Live Oak – Gray Pine Woodland and Forest	Interior Live Oak – Shreve Oak Woodland and Forest (*Quercus wislizeni*) *Pinus sabiniana*/annual grass – herb Association; 71.080.42	No	6.47
BOW	Blue Oak Woodland and Forest	Quercus douglasii/Mixed herbaceious; 71.020.05 Association; 71.020.11	No	7.96
BO-VO	Blue Oak – Valley Oak Woodland	Blue oak woodland and forest (*Quercus douglasii*) *Quercus lobata* Association; 71.020.11	Yes	5.01
Land Cover				
DEV	Developed	NA	No	0.58
			Total:	**38.59**

Notes: Totals may not sum due to rounding. NA: not applicable. State (S) ranks of 1-3 are considered highly imperiled by CDFW (2021a). Global (G) ranks are as follows: GX – eliminated; GH – presumed eliminated; G1 – critically imperiled; G2 – imperiled; G3 – vulnerable; G4 – apparently secure; G5 – secure.

4.4.1 Wild Oats and Annual Brome Grassland

Wild oats and annual brome grassland occurs in the southern end of the Project site. Great brome (*Bromus diandrus*) is dominant in the herbaceous layer with other mixed grasses and herbs including soft chess (*Bromus hordeaceus*), wild oats (*Avena barbata*), California poppy (*Eschscholzia californica*), sky lupine (*Lupinus nanus*), and yarrow (*Achillea millefolium*).

4.4.2 Baltic and Mexican Rush Marsh

Baltic and Mexican rush marsh occurs in two wetted meadows in the northwestern and south-central areas of the Project site. Baltic rush (*Juncus arcticus var. balticus*) is dominant or co-dominant with clustered field sedge (*Carex praegracilis*) in the herbaceous layer along with saturated soils.

4.4.3 Mixed Oak Woodland and Forest

Mixed oak woodland and forest occurs in the north and central areas of the Project site. Interior live oak (*Quercus wislizenii*) is dominant or co-dominant in the tree canopy with other species present including blue oak (*Quercus douglasii*), foothill pine (*pinus sabiniana*), California black oak (*Quercus kelloggii*), and valley oak (*Quercus lobata*). The herbaceous layer is dominated by non-native annual grass species similar to those found in the wild oats and annual brome grassland described above.

4.4.4 Interior Live Oak – Gray Pine Woodland and Forest

Interior live oak – Shreve oak woodland and forest occurs in the northern area of the Project site. Interior live oak (*Quercus wislizeni*) is dominant or co-dominant in the tree canopy with other species present including foothill pine (*Pinus sabiniana*). The shrub layer is intermittent and comprised of Himalayan blackberry (*Rubus armeniacus*), common manzanita (*Arctostaphylos manzanita*), buckbrush (*Ceanothus cuneatus*), and poison oak (*Toxicodendron diversilobum*). The herbaceous layer is dominated by non-native annual grass species similar to those found in the wild oats and annual brome grassland described above.

4.4.5 Blue Oak Woodland and Forest

Blue oak woodland and forest occurs in the southwestern areas of the Project site. Blue oak (*Quercus douglasii*) is dominant or co-dominant in the tree canopy with other species present including valley oak (*Quercus lobata*), interior live oak (*Quercus wislizeni)*, and foothill pine (*pinus sabiniana*). The tree canopy is not densely vegetated and resembles more of a savannah than woodland or forest. The herbaceous layer is dominated by non-native annual grass species.

4.4.6 Blue Oak – Valley Oak Woodland and Forest

Blue oak and valley oak woodland and forest occurs in the eastern area of the Project site, surrounding Deadman creek. Blue oak (*Quercus douglasii*) is dominant or co-dominant in the tree canopy with other species present including valley oak (*Quercus lobata*). Breaks in the tree canopy intermittently include Himalayan blackberry (*Rubus armeniacus*) in the shrub layer. The herbaceous layer is dominated by non-native annual grass species.

4.5 Aquatic Resources

During the field delineation, Dudek mapped approximately 1.93 acres of aquatic resources anticipated to meet the criteria to be considered jurisdictional aquatic resources under federal and/or state jurisdiction (Figure 5, Aquatic Resources). These resources are listed in Table 2 below and are described in more detail further below. Findings with regard to federal jurisdiction are preliminary until verified by the Sacramento District of the U.S. Army Corps of Engineers (USACE).

Table 2. Aquatic Resources Mapped on the Project Site

Feature ID	Cowardin Code[1]	Acres[2]		Linear Feet
Non-Wetland Waters				
Deadman Creek	R4	0.05		1,223.36
Ephemeral Drainage (ED-01)	R6	0.02		357.68
Drainage Ditch (D-01)	R6	<0.01		59.71
Drainage Ditch (D-02	R6	<0.01		92.41
		Total Non-Wetland Waters	0.08	1,732.85
Wetlands				
Freshwater Emergent Wetland (FEW-01)	PEM	0.86		–
Freshwater Emergent Wetland (FEW-02)	PEM	0.90		
Seasonal Wetland (SW-01)	PEM	0.07		–
Seasonal Wetland (SW-02)	PEM	0.02		–
		Total Wetlands	**1.85**	–
		Total[3]	**1.93**	**1,732.82**

Source: USFWS 2013.

1 R6 = riverine, ephemeral; PEM = Palustrine emergent wetland

2 Acreage of the non-wetland waters extend to the ordinary high water mark.

3 Minor discrepancies in totals are the result of rounding differences between Excel and ArcMap

4.5.1 Wetlands

4.5.1.1 Freshwater Emergent Wetlands

Two freshwater emergent wetlands (FEW-01 and -02) totaling 1.76 acres occur within the Project site (see Attachment 1, Photo 7). These wetlands correspond to the Baltic and Mexican rush marsh described in Section 4.4.2, and are dominated by Baltic rush and field sedge, both of which are hydrophytic plants. Hydrology in these wetlands was evidenced by saturation and some standing water. Soils were dark with prominent redox features. The westernmost emergent wetland, FEW-01, appears to be fed in part by rainwater runoff from surrounding hills and groundwater due to a shallow water table. FEW-02 is also influenced by a shallow groundwater table associated with Deadman Creek.

4.5.1.2 Seasonal Wetlands

Two seasonal wetlands (SW-01 and -02) totaling 0.09 acre occur within the Project site (see Attachment 1). SW-01 is associated with an offsite drainage ditch that appears to transfer rainwater and irrigation runoff from adjacent parcels south towards Deadman Creek. A culvert under the gravel road in the central part of the Project site empties into SW-01. SW-01 is dominated by hydrophytic vegetation such as Douglas meadowfoam (*Limnanthes douglasii*) and Italian ryegrass (*Festuca perennis*). Hydrology in SW-01 is evidenced by standing water, and hydric soils are dark with prominent redox along pore lining and root channels. Water drains from SW-01 southeast through drainage ditches to FEW-02 and eventually Deadman Creek.

SW-02 is located on a stream terrace east of Deadman Creek. Hydrophytic vegetation in SW-02 includes curly dock (Rumex crispus),

4.5.2 Non-Wetland Waters

4.5.2.1 Deadman Creek

There is one intermittent channel (Deadman Creek) comprising approximately 1,223.36 linear feet (0.05-acre) within the Project site (see Attachment 1). Hydrology of this channel appears to be dependent on several factors: inputs during rain events and runoff from the surrounding uplands, potential input from seeps and high groundwater table, and releases from Patterson Lake, a man-made lake north of the Project site. Deadman Creek flows from the northern Project boundary south and off the Project site. The substrates in the channel vary from sandy and gravelly to cobble and small boulder. There are several small steps in the channel creating pool habitat. The channel ranges from 1 to 4 feet in width through the Project site and becomes more incised and rocky as it travels south. The margin of the channel was dominated by Douglas meadowfoam, Italian ryegrass, Baltic rush, and seep monkeyflower (*Erythrante gutatta*). Evidence of OHWM included a sharp break in slope, changes in the character of soil, destruction of terrestrial vegetation, sediment sorting, bed and bank, and change in plant community and/or cover.

4.5.2.2 Ephemeral Drainage

There is one ephemeral drainage (ED-01) comprising approximately 357.68 linear feet (0.02-acre) within the Project site (see Attachment 1). Hydrology of this channel is dependent on inputs during rain events and runoff from the surrounding uplands, and contains flowing water during, and for a short duration after, precipitation events. ED-01 channels water in a westerly direction towards Deadman Creek; however, the incised channel peters out and water appears to sheet flow from the end of the channel to Deadman Creek. The channel itself was dominated by non-native upland grasses and surrounded by grassland and oak woodland species previously described in Section 4.4.6. Evidence of OHWM included a moderate break in slope, changes in the character of soil, destruction of terrestrial vegetation, bed and bank, and change in plant cover.

4.5.2.3 Drainage Ditch

There are two drainage ditches (D-01 and -02) totaling approximately 152.11 linear feet (0.02 acre) within the Project site (see Attachment 1). Both man-made drainage ditches are associated with SW-01 and FEW-02 and channel water in an easterly direction towards Deadman Creek. D-01 originates at SW-01 and channels water east to a culvert under a gravel road. D-02 drains water from D-01 east towards FEW-02 and eventually Deadman Creek. Both drainage ditches are linear depressions constructed in grassland. Evidence of OHWM included a moderate break in slope, changes in the character of soil, bed and bank, and change in plant community and/or cover. Both drainage ditches had water at the time of the survey and the banks contained hydrophytic plant species such as tall flatsedge (*Cyperus eragrostis*) and annual rabbitsfoot grass (*Polypogon monspeliensis*).

4.6 Plant and Wildlife Species Observed

A total of 131 species of native or naturalized plants, 80 native (61%) and 51 non-native (39%), were recorded on the Project site (Attachment 2). Dudek biologists directly observed, or documented via scat, sign, or call, eight native wildlife species on the Project site during the field survey. Observed wildlife species included Anna's hummingbird (*Calypte anna*), California scrub-jay (*Aphelocoma californica*), California quail (*Callipepla californica*), turkey vulture

(*Cathartes aura*), mourning dove (*Zenaida macroura*), European starling (*Sturnus vulgaris*), American robin (*Turdus migratorius*), acorn woodpecker (*Melanerpes formicivorus*), and Bewick's wren (*Thryomanes bewickii*). One non-native bird species, European starling (*Sturnus vulgaris*) was also observed. A list of the plant and wildlife species identified on the Project site during the field survey is included in Attachment B. No special-status wildlife or plants were observed during the field survey, although no species-specific or focused surveys were conducted.

4.7 Special-Status Plant and Wildlife Species

Based on the known habitat life history requirements (e.g., vegetation types, soils, and elevation preferences) of the target list of special-status plant and wildlife species identified as a result of the literature and database review described in Section 3.1, and the known geographic range and nearest occurrence records of each of these species, the potential of each of these species to occur on or adjacent to the Project site was determined (Attachment 3a, Special-Status Plant Species Potential to Occur in the Project Site Region, and Attachment 3b, Special-Status Wildlife Species Potential to Occur in the Project Site Region). The potential for occurrence of each species was summarized according to the categories listed below. Because not all species are accommodated precisely by a given category (i.e., category definitions may be too restrictive), an expanded rationale for each category assignment is provided.

- Known to occur: the species has been documented on the Project site by a reliable source.
- High potential to occur: the species has not been documented on the Project site but is known to recently occur in the vicinity and suitable habitat is present.
- Moderate potential to occur: the species has not been documented on the Project site or in the Project vicinity, but the site is within the known range of the species and suitable habitat for the species is present.
- Low potential to occur: the species has not been documented in the Project vicinity or on the Project site, but the site is within the known range of the species; however, suitable habitat for the species onsite is of low quality.
- Not expected to occur: the Project site is outside the known geographic or elevational range of the species and/or the site does not support suitable habitat for the species.

4.7.1 Special-Status Plant Species

Results of USFWS, CNDDB, and CNPS database searches revealed 34 special-status plant species that are known to occur in the Project site region (Figure 6, CNDDB). Of these 17 species, 10 are not expected to occur, 5 have low potential to occur, and 3 have a moderate potential to occur. Species that not expected to occur are determined by the lack of suitable habitat or the presence of very low quality habitat within or adjacent to the Project site, the lack of documented occurrences near the Project site, and/or the site being outside of the species' known geographic or elevation range; these species are identified in Attachment 3a, but not addressed further in this report.

The 3 special-status plant species that have a moderate potential to occur are described as follows:

Nissenan manzanita (*Arctostaphylos nissenana*) is a CRPR 1B.2 species with a moderate potential to occur on the Project site. Nissenan manzanita is a perennial evergreen shrub found in chaparral or closed-cone coniferous forest from approximately 1,475-3,606 feet above sea level (CNPS 2022). It blooms February and March. Chaparral habitat is present and there are 3 documented occurrences within 5 miles southeast of the Project site (CNDDB 2022).

Red Hills soaproot (*Chlorogalum grandiflorum*) is a CRPR 1B.2 species with a moderate potential to occur on the Project site. Red Hills soaproot is a perennial bulbiferous herb found in chaparral, cismontane woodland, or lower montane coniferous forest from approximately 805-5,540 feet above sea level (CNPS 2022). This species is sometimes found on gabbroic or serpentinite soils. It blooms May and June. Chaparral and cismontane woodland habitat are present on the Project site; while the site lacks ultramafic soils there is still a moderate potential for this species to occur. There are multiple documented occurrences within 10 miles north, west, and south of the Project site (CNDDB 2022).

Parry's horkelia (*Horkelia parryi*) is a CRPR 1B.2 species with a moderate potential to occur on the Project site. Parry's Horkelia is a perennial herb found in chaparral and cismontane woodland from approximately 260-3,510 feet above sea level (CNPS 2022). It blooms April through September. Chaparral and cismontane woodland are present on site and the nearest documented occurrence is a historical record from 1923 within 5 miles north of the Project site (CNDDB 2022).

4.7.2 Special-Status Wildlife Species

Results of the USFWS and CNDDB searches revealed 10 special-status wildlife species have been previously observed and documented in the Project site region (Figure 6, CNDDB). Of these 10 species, 6 are not expected to occur within the Project site, 2 have low potential to occur, one has moderate potential to occur, and one has high potential to occur. Species that not expected to occur are determined by the lack of suitable habitat or the presence of very low quality habitat within or adjacent to the Project site, the lack of documented occurrences near the Project site, or due to the site being outside of the species' known geographic or elevation range; these species are identified in Attachment 3b, but not addressed further in this report.

The two special-status animal species that have a high and moderate potential to occur, respectively, are described as follows:

Foothill yellow-legged frog (*Rana boylii*) has high potential to occur on the Project site. This species is protected under the federal and state Endangered Species Acts. Suitable habitat features including a freshwater stream and oak woodland are present on the Project site. The site is within the species range and there are multiple documented occurrences within 10 miles of the site, including one less than 2 miles southwest of the Project site (CNDDB 2022). The second closest occurrence is documented south of the Project site in Martinez Creek, to which Deadman Creek is tributary. Deadman Creek onsite contains a variety of substrates, margin vegetation, gradients, and shade. It provides suitable habitat for foothill yellow-legged frog throughout its course onsite.

Western pond turtle (*Emys marmorata*) has moderate potential to occur on the Project site. This species is a CDFW species of special concern. Suitable habitat features for this species include a freshwater stream and adjacent

uplands on the Project site. The site is within the species range and there are multiple occurrences within 10 miles of the site, including one less than 2 miles southwest of the Project site (CDFW 2022).

4.7.3 Nesting Birds and Raptors

The Project site provides suitable nesting habitat for numerous local and migratory bird or raptor species protected by the federal Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code. Specifically, trees, shrubs, and open habitat on the Project site provide suitable nesting habitat. Common bird species detected during the April 28, 2022 field survey included Anna's hummingbird (*Calypte anna*), California scrub-jay (*Aphelocoma californica*), California quail (*Callipepla californica*), turkey vulture (*Cathartes aura*), mourning dove (*Zenaida macroura*), European starling (*Sturnus vulgaris*), American robin (*Turdus migratorius*), acorn woodpecker (*Melanerpes formicivorus*), and Bewick's wren (*Thryomanes bewickii*). No species of concern were detected (refer to Attachment B). One active acorn woodpecker nest was observed, but a focused survey for nests was not conducted.

4.8 Sensitive Vegetation Communities

Blue oak-Valley oak woodland and forest is a sensitive vegetation community identified the Project site. This vegetation community is associated with the Deadman Creek corridor where it flows from north to south through the Project site.

5 Conclusions and Recommendations

5.1 Special-Status Plants

Based on a field assessment and literature review, there are six CRPR 1 plant species with a moderate or high potential to occur on the Project site: Nissenan manzanita, Stebbins' morning-glory, Pine Hill ceanothus, Red Hills soaproot, Pine Hill flannelbush, and Parry's Horkelia. These species were not identified on the Project site during the April 28, 2022 field survey. The field survey was outside the bloom season for Nissenan manzanita and Red Hills soaproot; however, both of these species have distinct characteristics that allows for partial identification outside the bloom season. Nissenan manzanita is distinguished from other co-occurring manzanita species in the area such as common manzanita and hoary manzanita (*Arctostaphylos viscida*) by the leaf-like inflorescence bracts, which were not present on the shrubs identified onsite. Thus, it is determined that no Nissenan manzanita is present within the Project site. Red Hills soaproot is distinguished from the more common soaproot (*C. pomeridianum* and spp.) by the size of the flower; thus, because there were several occurrences of *Chloragalum* species onsite that did not yet contain inflorescences, these individuals could not be accurately identified to a taxonomic level suitable to determine rarity. Eventual development on the Project site could result in impacts to this species if present within or immediately adjacent to the Project footprint. Impacts could include the destruction of individual plants or populations of plants that may become established in the construction footprint prior to ground disturbance.

Although Red Hills soaproot is not state or federally listed as threatened or endangered, it is considered of special status in California and, as such, impacts to this species would potentially be considered significant under CEQA. If special-status plants are determined to be in areas proposed to be impacted, and if impacts to the plants cannot be avoided, appropriate measures would need to be implemented to mitigate, pursuant to CEQA, the loss of any plants. Such mitigation measures may include, but are not limited to, translocation of special-status species,

preservation of on-site or off-site populations, or establishment of additional on-site or off-site populations at agency-approved locations.

Dudek recommends that prior to any construction-related activities, a rare plant survey shall be conducted to determine if there are any special-status plants within the project area and which may potentially be disturbed. Surveys shall be timed according to the blooming period for the target species, and known reference populations will be visited prior to surveys to confirm the species is evident and identifiable at the time of the survey. If special-status species are identified, avoidance zones may be established around plant populations to clearly demarcate areas for avoidance. Avoidance measures and buffer distances may vary between species, and the specific avoidance zone distance will be determined in coordination with the appropriate resource agencies. No construction activity or grading would be permitted within the avoidance zone. Where avoidance is infeasible, and the plant(s) are subject to removal or potential damage from construction, the project applicant shall develop and implement a mitigation plan pursuant to State and Federal regulation. The mitigation plan shall provide for no net loss of habitat and shall include, but is not limited to, relocation of the affected plants, replanting, and monitoring of relocated and planted specimens.

5.2 Special-Status Wildlife

Foothill Yellow-legged Frog. Although foothill yellow-legged frog has been documented downstream of the Project site in a larger tributary to Cosumnes River, the likelihood for this species to breed on the Project site is lessened due to insufficient hydrology and the potential for the stream to dry up during dry years. This species prefers perennial stream habitat. There is potential for foothill yellow-legged frog to use Deadman Creek for foraging and refugia when there is sufficient hydrology and connectivity to downstream habitat. Eventual Project development could potentially impact individual foothill yellow-legged frog individuals that may use Deadman Creek as refugia and/or movement habitat. As a state-listed endangered species, direct impacts to this species would be considered "take" under the California Endangered Species Act as well as a significant impact under CEQA. Dudek recommends avoiding direct impacts to Deadman Creek which could support this species. If avoidance is not feasible, Dudek recommends implementing the following measures:

- A qualified biologist familiar with foothill yellow-legged frog identification and ecology will conduct a preconstruction survey for foothill yellow-legged frog within 48 hours prior to ground-disturbance in suitable aquatic habitat. If any foothill yellow-legged frog are found, construction activities will stop in the suitable aquatic habitats, and the appropriate agencies (CDFW and/or USFWS) will be contacted immediately for further guidance.
- A qualified biological will provide environmental awareness training for construction personnel prior to the onset of work in or near suitable aquatic habitat. The training will include information on how to recognize foothill yellow-legged frog, the importance of avoiding impacts to this species, and what to do if they are found. Education programs will be conducted for appropriate new personnel as they are brought on the job during the construction period. Upon completion of training, employees will sign a form stating that they attended the training and understand all the conservation and protection measures.
- A qualified biologist will be present on site during any ground-disturbing activities adjacent to or in aquatic habitat to monitor for foothill yellow-legged frog. The biologist has the authority to stop work if foothill yellow-legged frog are detected in the work area and could be harmed by construction.
- Prior to construction in riparian or aquatic habitat, Environmentally Sensitive Area (ESA) fencing will be established along the limits of construction adjacent to the riparian and aquatic habitats to exclude

construction activities from avoided habitat. Vehicles will not be allowed to park in, nor will equipment be stored in the ESA. No storage of oil, gasoline, or other substances will be permitted in the ESA. No vegetation removal or ground-disturbing activities will be permitted in the ESA.

- Equipment fueling, maintenance, and staging shall not be conducted within 50 feet of aquatic habitat, including drainages, ponds, and seeps.

Western Pond Turtle. Although no western pond turtle were detected during the April 28, 2022 survey, Deadman Creek provides potentially suitable aquatic habitat for this species. Uplands adjacent to the creek provide potentially suitable nesting and aestivation habitat for this species. Eventual development of the Project site could impact this species if nesting or aestivation sites or individual western pond turtle are present in the construction footprint prior to ground disturbance. Direct or indirect impacts to this species would likely be considered a potentially significant impact under CEQA. To avoid or minimize impacts to WPT, Dudek recommends implementing the following measures:

- A qualified biologist shall conduct a survey for WPT within 48 hours prior to the start of construction activities in or within 50 feet of suitable aquatic habitat. If turtles are observed, additional searches for nests sites shall be conducted and any identified sites shall be delineated with high-visibility flagging or fencing and avoided during construction activities. If avoidance is not possible, the nest and/or turtle shall be removed by a qualified biologist and relocated to an appropriate location in coordination with CDFW.
- If turtles and/or nests are encountered during the preconstruction survey, a qualified biologist shall be present during grubbing and clearing activities in suitable habitat to monitor for WPT. If a turtle is observed in the active construction zone, construction will cease and a qualified biologist will be notified. Construction may resume when the biologist has either relocated the turtle to nearby suitable habitat outside the construction zone, or, after thorough inspection, determined that the turtle has moved away from the construction zone.

Nesting Birds. Eventual development on the Project site could involve structure and vegetation removal, which has the potential to impact nesting birds protected by the federal MBTA and California Fish and Game Code. Direct or indirect impacts to nesting birds would likely be considered a potentially significant impact under CEQA. To avoid impacting active nests, Dudek recommends conducting tree or vegetation removal outside of the nesting season (September through February). If not feasible, Dudek recommends implementing the following measures to avoid or minimize impacts to nesting birds.

- A qualified biologist shall conduct a pre-construction survey for nesting birds no more than two days prior to vegetation or structure removal or ground-disturbing activities conducted during the nesting season (February through August). The survey should cover the limits of construction and suitable nesting habitat within 500 feet for raptors and 100 feet for other nesting birds, as feasible and accessible.
- If any active nests are observed during surveys, a qualified biologist shall establish a suitable avoidance buffer from the active nest. The buffer distance will typically range from 50 to 500 feet and should be determined based on factors such as the species of bird, topographic features, intensity and extent of the disturbance, timing relative to the nesting cycle, and anticipated ground disturbance schedule. Limits of construction to avoid active nests should be established in the field with flagging, fencing, or other appropriate barriers and should be maintained until the chicks have fledged and the nests are no longer active, as determined by the qualified biologist.
- If vegetation removal activities are delayed, additional nest surveys should be conducted such that no more than 7 days elapse between the survey and vegetation removal activities.

- If an active nest is identified in or adjacent to the construction zone after construction has started, work in the vicinity of the nest should be halted until the qualified biologist can provide appropriate avoidance and minimization measures to ensure that the nest is not disturbed by construction. Appropriate measures may include a no-disturbance buffer until the birds have fledged and/or full-time monitoring by a qualified biologist during construction activities conducted near the nest.

5.3 Sensitive Vegetation Communities

Blue oak – valley oak woodland is a sensitive vegetation community that is also associated with a drainage that is assumed to be under the jurisdiction of the CDFW pursuant to Section 1602 of the California Fish and Game Code. Dudek recommends avoidance of this mapped community. If avoidance of this vegetation community is not feasible by eventual development on the Project site, direct impacts to button willow thicket would be considered a significant impact under CEQA and would require prior authorization from the CDFW in the form of a Streambed Alteration Agreement, which will likely require compensatory mitigation for any trimming or removal of button willow thicket. Compensatory mitigation may involve implementing a restoration and mitigation monitoring plan, prepared by a qualified botanist and approved by CDFW, to off-set vegetation impacts. These plans normally contain, at a minimum, mitigation goals and objectives, mitigation location, a discussion of actions to be implemented to mitigate the impact, performance criteria, monitoring methods, and actions to be taken in the event that the mitigation is not successful. Compensatory mitigation may take place on site or at an appropriate off-site location as approved by the CDFW.

5.4 Aquatic Resources

Dudek mapped approximately 1.93 acres of aquatic resources anticipated to meet the criteria to be considered jurisdictional aquatic resources under federal and/or state jurisdiction. Findings with regard to federal jurisdiction are preliminary until verified by the Sacramento District of the USACE.

Dudek recommends that eventual development on the Project site avoid aquatic resources where possible. Impacts to jurisdictional aquatic resources would be considered a significant impact under CEQA and would require aquatic resource permits from the USACE, RWQCB, and/or CDFW (e.g., 404 Nationwide Permit, 401 Water Quality Certification and 1600 Streambed Alteration Agreement), as well as a Preliminary Jurisdictional Delineation from the USACE to document aquatic resources onsite within USACE jurisdiction. In addition, compensatory mitigation may be required for permanent impacts to aquatic resources to ensure no net loss of these resources. Potential compensatory mitigation options include purchasing mitigation credits from an agency-approved wetlands mitigation bank or paying an agency-approved in-lieu fee. Where direct impacts to jurisdictional aquatic resources can be avoided, exclusion fencing should be installed between the avoided aquatic resource and limits of disturbance to protect from indirect impacts. A qualified wetland specialist should guide installation of the exclusion fencing. Appropriate best management practices and spill prevention measures should also be implemented to ensure protection of jurisdictional aquatic resources during Project construction.

If you have any questions or concerns regarding the content of this report, please contact me at 916.835.9671 or lburris@dudek.com.

Sincerely,

Laura Burris
Senior Biologist

Att.: *Figures 1-6*
Attachment 1 Photo Log
Attachment 2a Plant Compendium
Attachment 2b Wildlife Compendium
Attachment 3a Plant Species Potential to Occur
Attachment 3b Wildlife Species Potential to Occur
cc: *Christine Fukasawa, Dudek*

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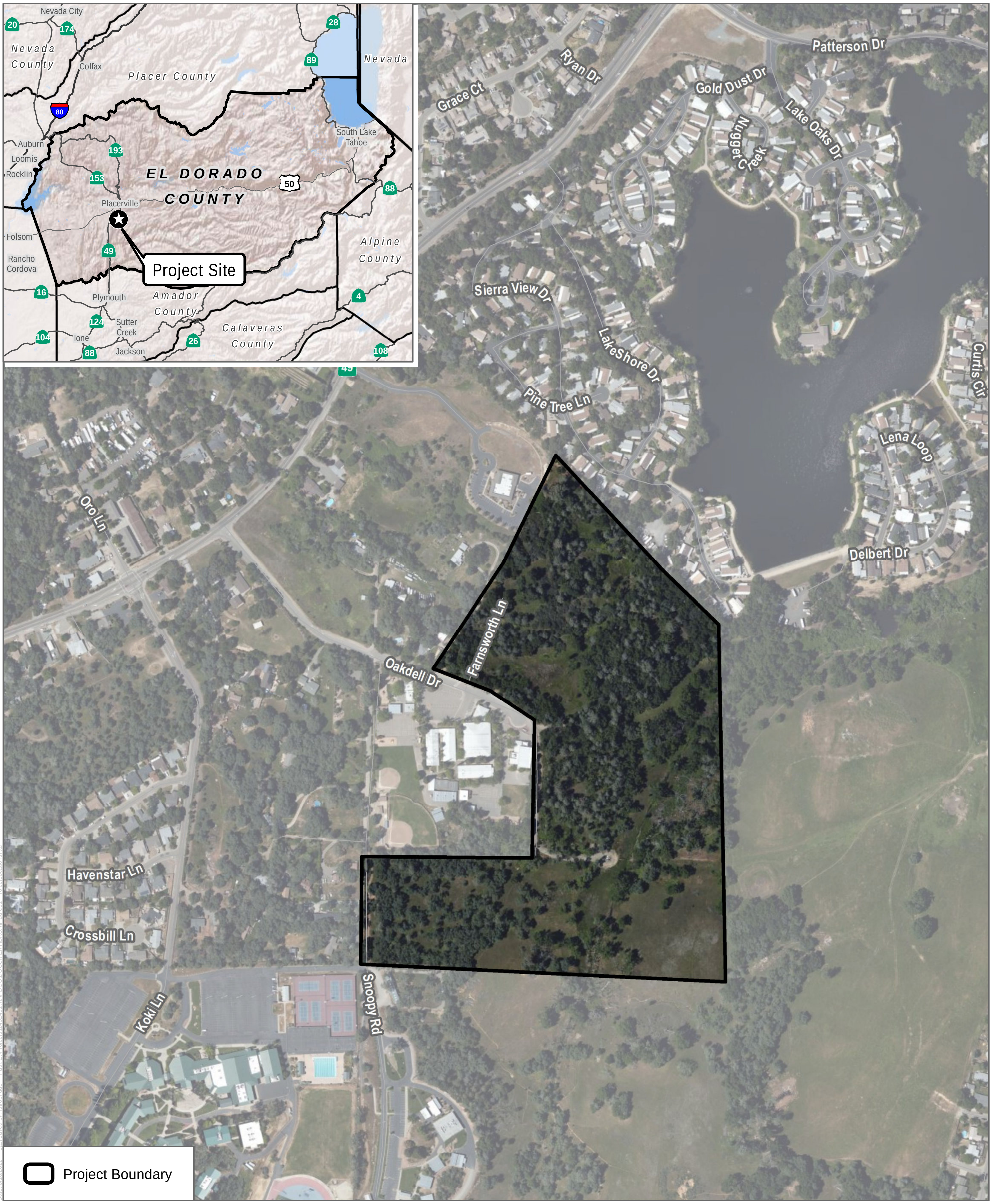
Figures 1-6



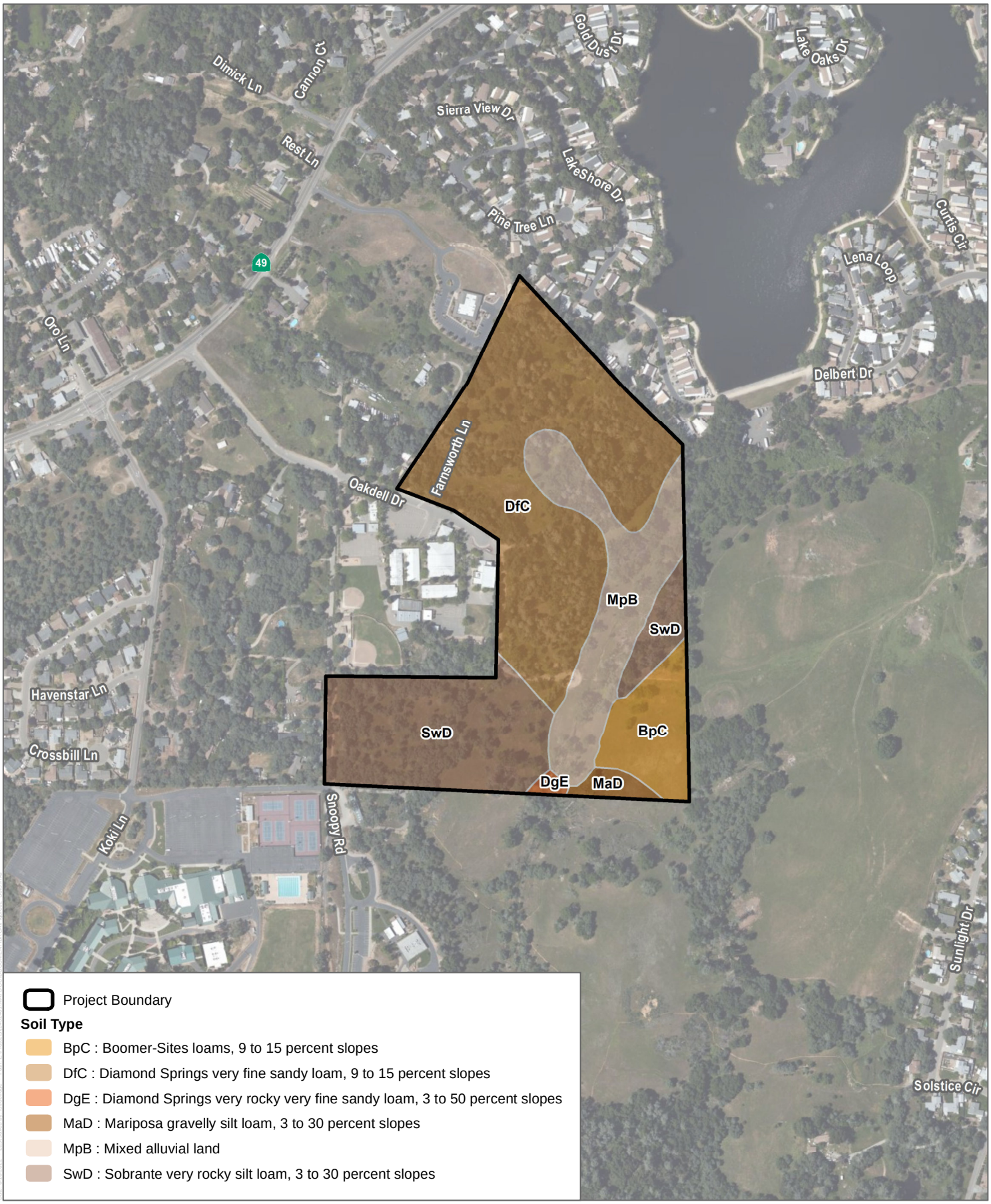
SOURCE: Bing Maps 2021, OpenStreetMap

DUDEK

0 250 500 Feet

FIGURE 1
Project Site and Vicinity

Biological Resources Constraints Analysis for the Diamond Springs Community Park Project



SOURCE: Bing Maps 2021, OpenStreetMap

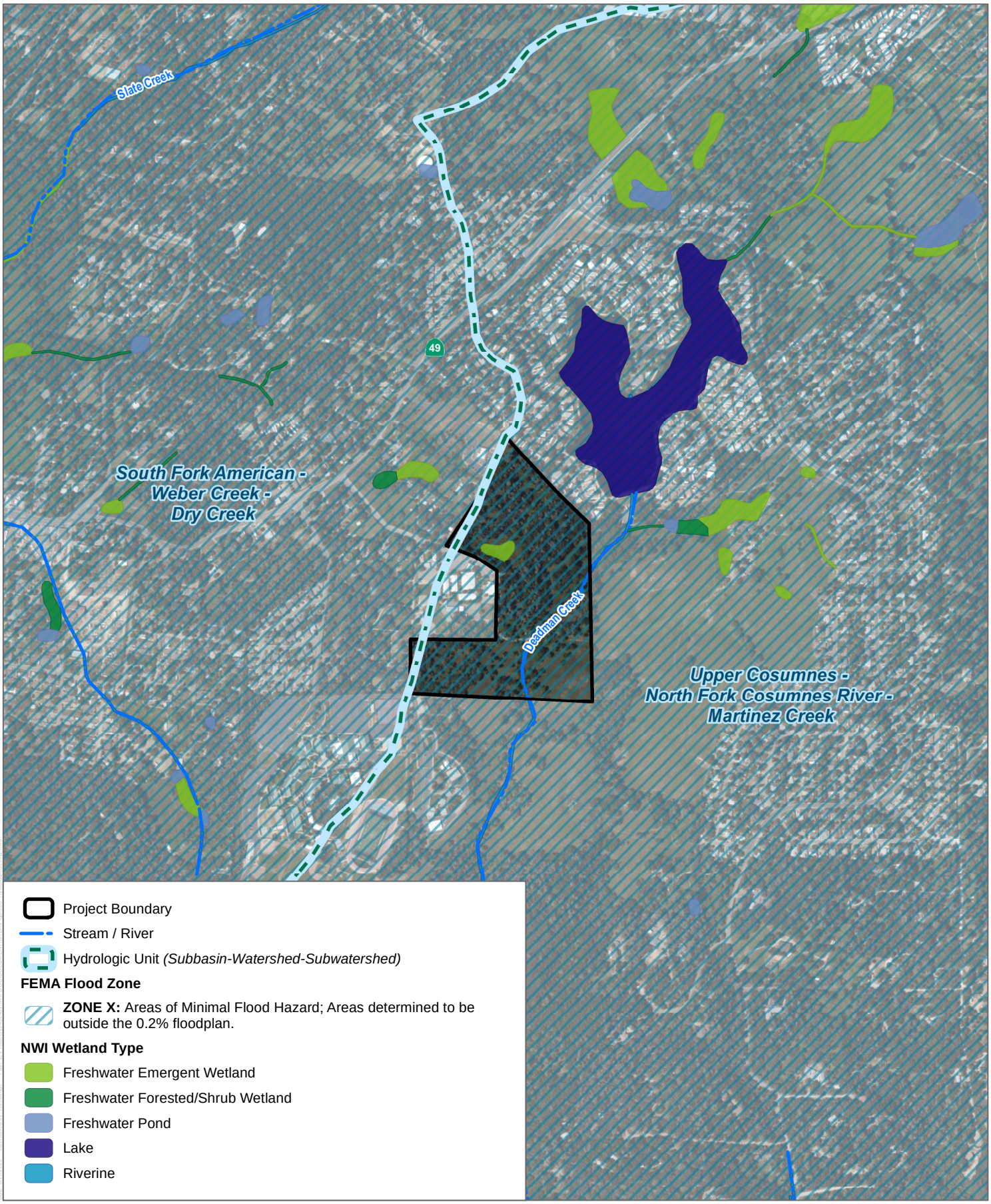
DUDEK

0 250 500 Feet

FIGURE 2

Soils Map

Biological Resources Constraints Analysis for the Diamond Springs Community Park Project



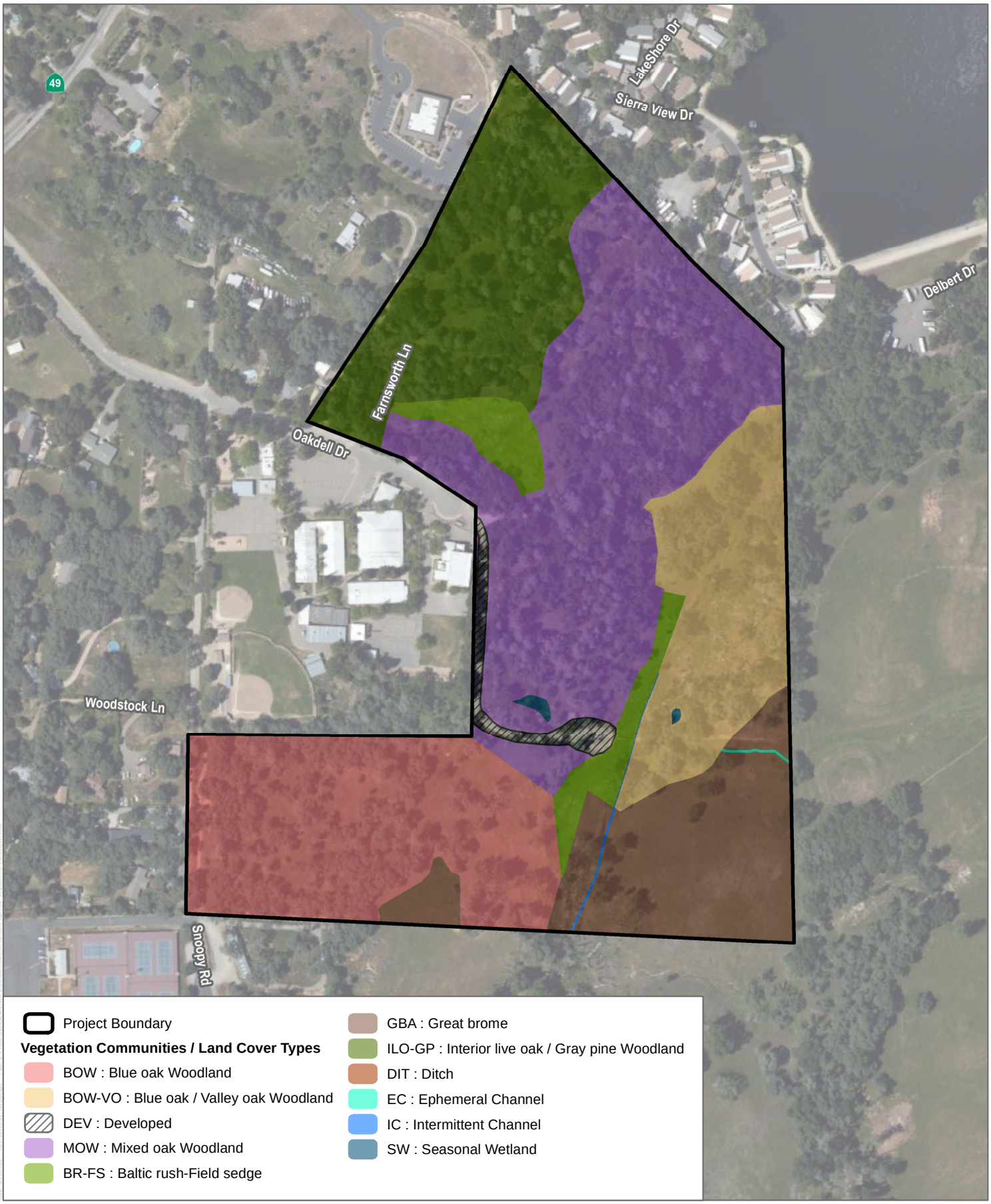
SOURCE: Bing Maps 2021, OpenStreetMap

FIGURE 3

Hydrologic Setting

DUDEK

0 500 1,000 Feet



SOURCE: Bing Maps 2021, OpenStreetMap

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0 150 300 Feet

FIGURE 4

Vegetation Communities and Land Cover Types

Biological Resources Constraints Analysis for the Lodoga Community Park Project

SOURCE: Bing Maps 2021, OpenStreetMap

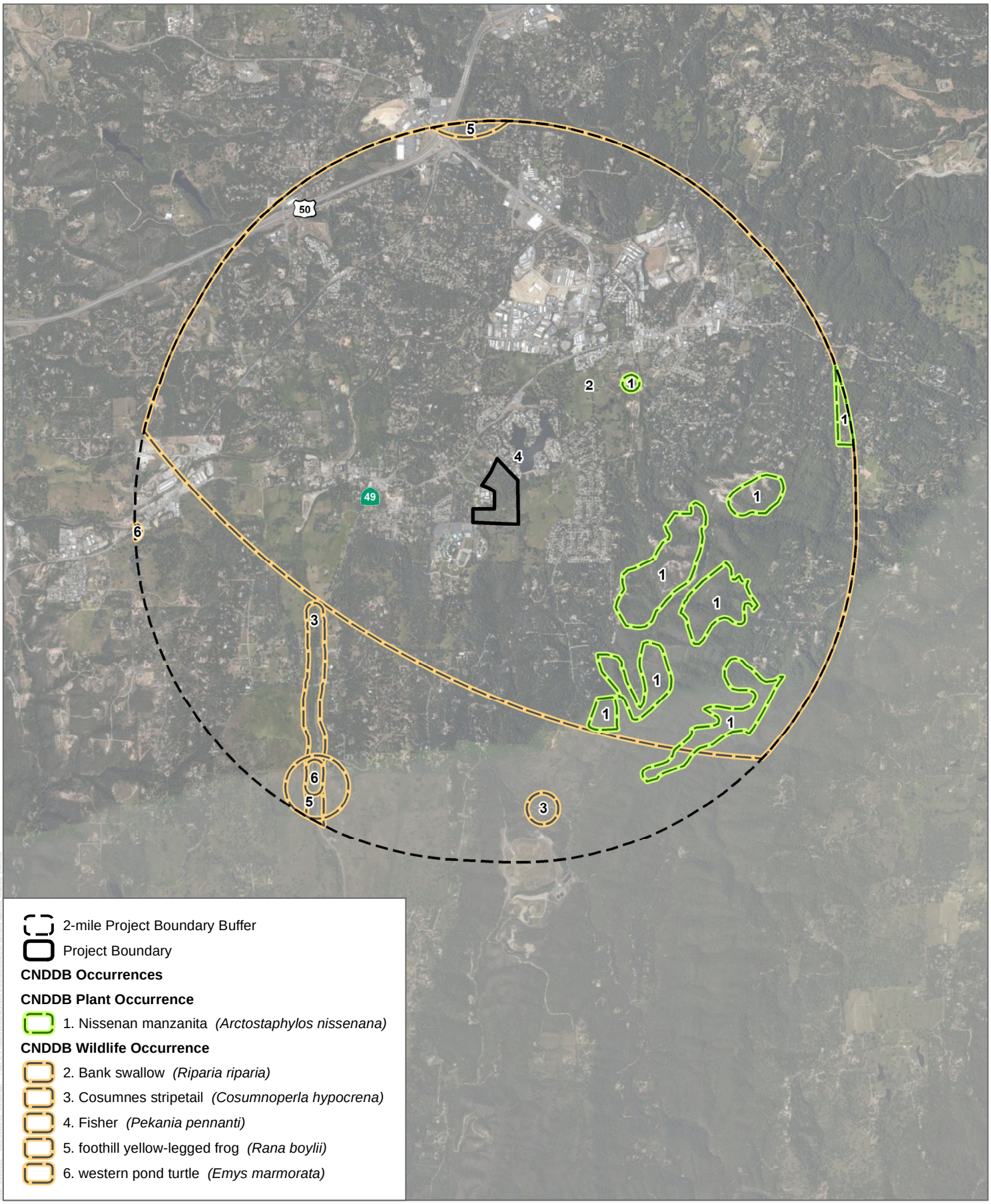
DUDEK

0 150 300 Feet

FIGURE 5

Aquatic Resources Delineation

Biological Resources Constraints Analysis for the Proposed Deadman Creek Community Park Project



SOURCE: Bing Maps 2021, OpenStreetMap

DUDEK

FIGURE 6

CNDDB Occurrences within 2 Miles

Biological Resources Constraints Analysis for the Undocumented Community Park Project

Attachment A

Representative Project Site Photos

Photo 1. View of interior live oak and gray pine woodland in the northern portion of the project site.

Photo 2. View of mixed oak woodland in the central portion of the project site.

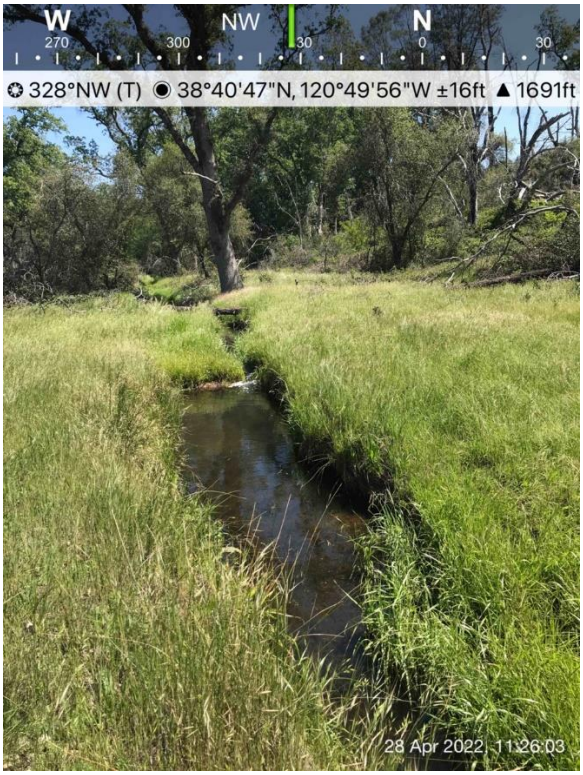


Photo 3. View of the start of Deadman Creek within the project boundary along the east side.

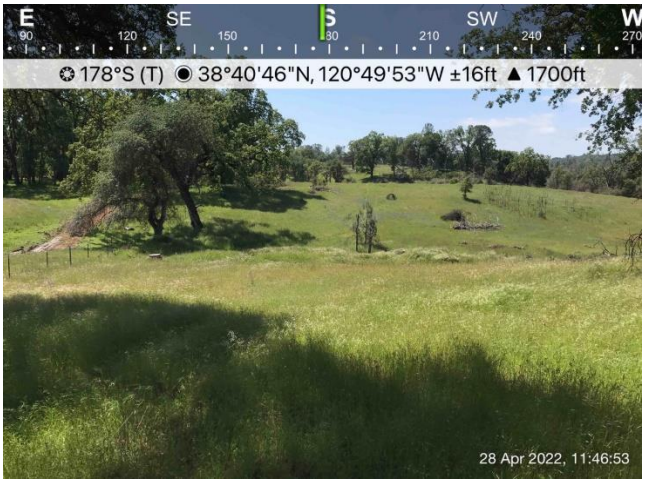


Photo 4. View of great brome association at the southeast corner of the project site.

Photo 5. View of mixed grassland at the southeast corner of the project site.

Photo 6. View of the end of Deadman Creek within the project boundary along the south.

Photo 7. View of Baltic rush – field sedge in the south-central portion of the project site.

Photo 8. View of blue oak savannah in the southwestern portion of the project site.

Attachment B

List of Plant and Wildlife Species Observed on the Project Site

Row Labels
VASCULAR SPECIES
EUDICOTS
ANACARDIACEAE—Sumac Or Cashew Family
Toxicodendron diversilobum—poison oak
APIACEAE—Carrot Family
Sanicula bipinnatifida—purple sanicle
Sanicula crassicaulis—Pacific blacksnakeroot
Scandix pecten-veneris—shepherdsneedle*
Torilis arvensis—spreading hedgeparsley*
ASTERACEAE—Sunflower Family
Achillea millefolium—common yarrow
Agoseris grandiflora—bigflower agoseris
Baccharis pilularis—coyote brush
Carduus pycnocephalus—Italian plumeless thistle*
Centaurea solstitialis—yellow star-thistle*
Cirsium vulgare—bull thistle*
Hypochaeris glabra—smooth cat's ear*
Hypochaeris radicata—hairy cat's ear*
Lactuca serriola—prickly lettuce*
Logfia gallica—narrowleaf cottonrose*
Madia elegans—common madia
Matricaria discoidea—disc mayweed
Micropus californicus—q-tips
Pseudognaphalium luteoalbum—Jersey cudweed*
Psilocarphus tenellus—slender woollyheads
Taraxacum officinale—common dandelion*
Tragopogon porrifolius—salsify*
Wyethia glabra—Coast Range mule-ears
BORAGINACEAE—Borage Family
Amsinckia menziesii—Menzies' fiddleneck
Eriodictyon californicum—California yerba santa
Nemophila heterophylla—small baby blue eyes
Plagiobothrys nothofulvus—popcorn flower
Plagiobothrys stipitatus—stalked popcornflower
BRASSICACEAE—Mustard Family
Barbarea orthoceras—American yellowrocket
Thysanocarpus curvipes—sand fringepod
CAPRIFOLIACEAE—Honeysuckle Family
Lonicera hispidula—pink honeysuckle
Symphoricarpos albus—common snowberry
CARYOPHYLLACEAE—Pink Family
Cerastium glomeratum—sticky chickweed*
Stellaria media—common chickweed*
ERICACEAE—Heath Family
Arbutus menziesii—madrone
Arctostaphylos manzanita—common manzanita
Arctostaphylos viscida—whiteleaf manzanita
FABACEAE—Legume Family
Acmispon americanus—Spanish clover
Acmispon wrangelianus—Chilean bird's-foot trefoil

Total count of species:	**131**	
Total native species	80	61%
Total non-native species:	51	39%

Text to copy and paste (special, unformatted text) into results section of BTR:
A total of 131 species of native or naturalized plants, 80 native (61%) and 51 non-native (39%), was recorded on the site (see Appendix A).

Right click and select refresh below for list of CRPR species on site:

On Project Site? X = Yes	X

Scientific Name—Common Name	Status (Federal/State/CRPR)
Grand Total	

Cytisus scoparius—broom*
Genista monspessulana—French broom*
Lavandula stoechas—French lavender*
Lupinus bicolor—miniature lupine
Lupinus nanus—sky lupine
Trifolium campestre—field clover*
Trifolium dubium—suckling clover*
Trifolium hirtum—rose clover*
Trifolium subterraneum—subterranean clover*
Trifolium willdenovii—tomcat clover
Vicia hirsuta—tiny vetch*
Vicia sativa—garden vetch*
Vicia villosa—winter vetch*
FAGACEAE—Oak Family
Quercus douglasii—blue oak
Quercus kelloggii—California black oak
Quercus lobata—valley oak
Quercus wislizeni var. wislizeni—interior live oak
GERANIACEAE—Geranium Family
Erodium botrys—longbeak stork's bill*
Geranium dissectum—cutleaf geranium*
Geranium molle—dovefoot geranium*
JUGLANDACEAE—Walnut Family
Juglans hindsii—Northern California black walnut
LAMIACEAE—Mint Family
Marrubium vulgare—horehound*
Mentha pulegium—pennyroyal*
Salvia sonomensis—creeping sage
LIMNANTHACEAE—Meadowfoam Family
Limnanthes douglasii—Douglas' meadowfoam
LYTHRACEAE—Loosestrife Family
Lythrum hyssopifolia—hyssop loosestrife*
MALVACEAE—Mallow Family
Sidalcea asprella—dwarf checkerbloom
MONTIACEAE—Montia Family
Claytonia parviflora—streambank springbeauty
OROBANCHACEAE—Broom-rape Family
Castilleja attenuata—attenuate Indian paintbrush
Castilleja lineariloba—no common name
PAPAVERACEAE—Poppy Family
Eschscholzia californica—California poppy
PHRYMACEAE—Lopseed Family
Erythranthe guttata—common monkey flower
PLANTAGINACEAE—Plantain Family
Collinsia heterophylla—purple Chinese houses
Plantago lanceolata—narrowleaf plantain*
Veronica peregrina—neckweed
POLEMONIACEAE—Phlox Family
Leptosiphon bicolor—true babystars
Leptosiphon parviflorus—variable linanthus
Navarretia leucocephala ssp. leucocephala—whitehead navarretia
POLYGONACEAE—Buckwheat Family
Pterostegia drymarioides—woodland pterostegia

Rumex acetosella—common sheep sorrel*
Rumex crispus—curly dock*
RANUNCULACEAE—Buttercup Family
Delphinium variegatum—royal larkspur
Ranunculus aquatilis—white water crowfoot
Ranunculus muricatus—spinyfruit buttercup*
Ranunculus occidentalis—western buttercup
RHAMNACEAE—Buckthorn Family
Ceanothus cuneatus—wedge leaf ceanothus, buck brush
Frangula californica ssp. tomentella—California buckthorn
Frangula californica—California coffee berry
ROSACEAE—Rose Family
Drymocallis glandulosa—sticky cinquefoil
Heteromeles arbutifolia—toyon
Prunus cerasifera—cherry plum*
Rubus armeniacus—Himalayan blackberry*
RUBIACEAE—Madder Family
Galium aparine—stickywilly
Galium porrigens—graceful bedstraw
SALICACEAE—Willow Family
Salix lasiolepis—arroyo willow
SCROPHULARIACEAE—Figwort Family
Verbascum thapsus—common mullein*
SOLANACEAE—Nightshade Family
Solanum xanti—Purple nightshade
VALERIANACEAE—Valerian Family
Plectritis macrocera—longhorn plectritis
VIOLACEAE—Violet Family
Viola purpurea—goosefoot violet
VISCACEAE—Mistletoe Family
Phoradendron leucarpum—oak mistletoe

FERNS AND FERN ALLIES

PTERIDACEAE—Brake Family
Pentagramma triangularis—goldback fern

GYMNOSPERMS AND GNETOPHYTES

CUPRESSACEAE—Cypress Family
Calocedrus decurrens—incense cedar
PINACEAE—Pine Family
Pinus ponderosa—Ponderosa pine
Pinus sabiniana—foothill pine

MONOCOTS

AGAVACEAE—Agave Family
Chlorogalum pomeridianum—wavyleaf soap plant
CYPERACEAE—Sedge Family
Carex bolanderi—Bolander's sedge
Carex fracta—fragile sheath sedge
Carex praegracilis—clustered field sedge
IRIDACEAE—Iris Family
Sisyrinchium bellum—western blue-eyed grass
JUNCACEAE—Rush Family
Juncus balticus—no common name
Juncus bufonius—toad rush
Juncus xiphioides—irisleaf rush

Luzula comosa—Pacific woodrush
LILIACEAE—Lily Family
Calochortus monophyllus—yellow star-tulip
POACEAE—Grass Family
Aira caryophyllea—silver hairgrass*
Avena barbata—slender oat*
Briza minor—little quakinggrass*
Bromus diandrus—ripgut brome*
Bromus hordeaceus—soft brome*
Cynosurus echinatus—annual dogtails*
Elymus caput-medusae—medusahead*
Elymus glaucus—blue wildrye
Festuca bromoides—brome fescue*
Festuca myuros—rat-tail fescue*
Festuca perennis—perennial rye grass*
Hordeum marinum—seaside barley*
Hordeum murinum—mouse barley*
Pleuropogon californicus—annual semaphoregrass
Poa bulbosa—bulbous bluegrass*
Poa pratensis—Kentucky blue grass*
Poa secunda—onesided bluegrass
THEMIDACEAE—Brodiaea Family
Dipterostemon capitatus—bluedicks

On Project Site? X = Yes	X

Row Labels
BIRDS
HUMMINGBIRDS
TROCHILIDAE—HUMMINGBIRDS
Calypte anna—Anna's hummingbird
JAYS, MAGPIES & CROWS
CORVIDAE—CROWS & JAYS
Aphelocoma californica—California scrub-jay
NEW WORLD QUAIL
ODONTOPHORIDAE—NEW WORLD QUAIL
Callipepla californica—California quail
NEW WORLD VULTURES
CATHARTIDAE—NEW WORLD VULTURES
Cathartes aura—turkey vulture
PIGEONS & DOVES
COLUMBIDAE—PIGEONS & DOVES
Zenaida macroura—mourning dove
STARLINGS & ALLIES
STURNIDAE—STARLINGS
Sturnus vulgaris—European starling*
THRUSHES
TURDIDAE—THRUSHES
Turdus migratorius—American robin
WOODPECKERS
PICIDAE—WOODPECKERS & ALLIES
Melanerpes formicivorus—acorn woodpecker
WRENS
TROGLODYTIDAE—WRENS
Thryomanes bewickii—Bewick's wren

TOTAL SPECIES COUNT:	9
Total Native Species:	8
Total Non-Native Species:	1

Right click and select refresh below for list of special-status species on site.

On Project Site? X = Yes	X

Scientific Name-Common Name	Status (Federal/State)
Grand Total	

On Project Site?	CODE	Scientific Name	Common Name	Status (Federal/State)	Non-Nati	Species Type	Species Type (Caps)	Subtype	Subtype (Caps)	Family Name (Scientific)	Family Name (Scientific) (Caps)	Family Name (Common)	Family Scientific Name-Common Name	Notes
	B-COHA	*Accipiter cooperii*	Cooper's hawk	None/WL		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-NOGO	*Accipiter gentilis*	northern goshawk	None/SSC		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-SSHA	*Accipiter striatus*	sharp-shinned hawk	None/WL		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	R-POTU	*Emys marmorata*	western pond turtle	None/SSC		Reptiles	REPTILES	Turtles	TURTLES	Emydidae	EMYDIDAE	BOX & WATER TURTLES	EMYDIDAE—BOX & WATER TURTLES	Scientific and common name from CDFW Special Animals List (2021), not Crother (2017). Syonym with southwestern pond turtle (Actinemys pallida) and northwestern pond turtle (Actinemys marmorata)
	B-SPSA	*Actitis macularius*	spotted sandpiper	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	I-CASI	*Adelpha bredowii*	California sister	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	B-CLGR	*Aechmophorus clarkii*	Clark's grebe	BCC/None		Birds	BIRDS	Grebes	GREBES	Podicipedidae	PODICIPEDIDAE	GREBES	PODICIPEDIDAE—GREBES	Added Oct 2016 because included in the kerata lookup table.
	B-WEGR	*Aechmophorus occidentalis*	western grebe	None/None		Birds	BIRDS	Grebes	GREBES	Podicipedidae	PODICIPEDIDAE	GREBES	PODICIPEDIDAE—GREBES	
	M-NHBA	*Aeorestes cinereus*	northern hoary bat	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	*Sci and common name from Mammal Diversity Database; recognized as hoary bat (Lasiurus cinereus) per CNDDB*
	B-WTSW	*Aeronautes saxatalis*	white-throated swift	None/None		Birds	BIRDS	Swifts	SWIFTS	Apodidae	APODIDAE	SWIFTS	APODIDAE—SWIFTS	
	I-GGSK	*Agathymus stephensi*	California giant-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-RWBL	*Agelaius phoeniceus*	red-winged blackbird	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALL	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	B-TRBL	*Agelaius tricolor*	tricolored blackbird	BCC/SSC, ST		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALL	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	I-GUFR	*Agraulis vanillae*	Gulf fritillary	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-GOBO	*Agrilus auroguttatus*	goldspotted oak borer	None/None	*	Invertebrates	INVERTEBRATES	Metallic Wood-boring Beetl	METALLIC WOOD-BORING BE	Buprestidae	BUPRESTIDAE	METALLIC WOOD-BORING BEETLES	BUPRESTIDAE—METALLIC WOOD-BORING BEETLES	
	B-RCSP	*Aimophila ruficeps*	rufous-crowned sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-SRCS	*Aimophila ruficeps canescens*	Southern California rufous-crowned	None/WL		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-WODU	*Aix sponsa*	wood duck	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Formerly oldsquaw
	F-BLHE	*Alosa aestivalis*	Blueback herring	None/None		Fishes	FISHES	Ray-finned fishes	RAY-FINNED FISHES	Clupeidae	CLUPEIDAE	HERRINGS	CLUPEIDAE—HERRINGS	Added Oct 2016 because included in the kerata lookup table; Not found in Moyle (2002).
	B-RCPA	*Amazona viridigenalis*	red-crowned parrot	None/None	*	Birds	BIRDS	Parrots	PARROTS	Psittacidae	PSITTACIDAE	AFRICAN AND NEW WORLD PARROTS	PSITTACIDAE—AFRICAN AND NEW WORLD PARROTS	
	A-CTSA	*Ambystoma californiense*	California tiger salamander	FT or FE/ST, WL (depending on pop #)		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Ambystomatidae	AMBYSTOMATIDAE	WOODPECKERS & ALLIES	AMBYSTOMATIDAE—WOODPECKERS & ALLIES	Added Oct 2016 because included in the kerata lookup table.
	A-TISA	*Ambystoma tigrinum*	Eastern tiger salamander	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Ambystomatidae	AMBYSTOMATIDAE	WOODPECKERS & ALLIES	AMBYSTOMATIDAE—WOODPECKERS & ALLIES	Added Oct 2016 because included in the kerata lookup table.
	F-BUCA	*Ameiurus spp.*	bullhead catfish	None/None	*	Fishes	FISHES	North American Freshwater	NORTH AMERICAN FRESHWA	Ictaluridae	ICTALURIDAE	CATFISH	ICTALURIDAE—CATFISH	
	B-GRSP	*Ammodramus savannarum*	grasshopper sparrow	None/SSC		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	M-WTAS	*Ammospermophilus leucurus*	white-tailed antelope squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	
	M-NASQ	*Ammospermophilus nelsoni*	Nelson's antelope squirrel	None/ST		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	Added Oct 2016 because included in the kerata lookup table.
	B-BTSP	*Amphispiza bilineata*	black-throated sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-NOPI	*Anas acuta*	northern pintail	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-GWTE	*Anas crecca*	green-winged teal	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	B-MALL	*Anas platyrhynchos*	mallard	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	A-WETO	*Anaxyrus boreas*	western toad	None/None		Amphibians	AMPHIBIANS	Toads	TOADS	Bufonidae	BUFONIDAE	TRUE TOADS	BUFONIDAE—TRUE TOADS	
	A-ARTO	*Anaxyrus californicus*	arroyo toad	FE/SSC		Amphibians	AMPHIBIANS	Toads	TOADS	Bufonidae	BUFONIDAE	TRUE TOADS	BUFONIDAE—TRUE TOADS	
	A-RSTO	*Anaxyrus punctatus*	red-spotted toad	None/None		Amphibians	AMPHIBIANS	Toads	TOADS	Bufonidae	BUFONIDAE	TRUE TOADS	BUFONIDAE—TRUE TOADS	
	A-ARSA	*Aneides lugubris*	arboreal salamander	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	R-TELL	*Anniella alexanderae*	Temblor legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Per Special Animals list July 2017
	R-BSLL	*Anniella campi*	Big Spring legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Common name is per Crother (2017); Previously Southern Sierra Legless Lizard
	R-BALL	*Anniella grinnelli*	Bakersfield legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Per Special Animals list July 2017
	R-NOLL	*Anniella pulchra*	northern legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Common name is per Crother (2017); Previously Northern California legless lizard
	R-CALL	*Anniella sp.*	California legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Per Special Animals list July 2017
	R-SDLL	*Anniella stebbinsi*	southern California legless lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Anniellidae	ANNIELLIDAE	CALIFORNIA LEGLESS LIZARDS	ANNIELLIDAE—CALIFORNIA LEGLESS LIZARDS	Common name per Special Animals list (2019); Crother (2017) common name is San Diegan legless lizard
	B-GWFG	*Anser albifrons*	greater white-fronted goose	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	B-SNGO	*Anser caerulescens*	snow goose	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	B-ROGO	*Anser rossii*	Ross's goose	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	I-DEOR	*Anthocharis cethura*	desert orangetip	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-GRMA	*Anthocharis lanceolata*	gray marble	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-PSOR	*Anthocharis sara sara*	Pacific sara orangetip	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-STOR	*Anthocharis sara stella*	Stella orangetip	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	B-AMPI	*Anthus rubescens*	American pipit	None/None		Birds	BIRDS	Wagtails & Pipits	WAGTAILS & PIPITS	Motacillidae	MOTACILLIDAE	WAGTAILS & PIPITS	MOTACILLIDAE—WAGTAILS & PIPITS	
	B-LSCR	*Antigone canadensis canadensis*	lesser sandhill crane	None/SSC		Birds	BIRDS	Cranes	CRANES	Gruidae	GRUIDAE	CRANES	GRUIDAE—CRANES	Formerly Grus canadensis canadensis and still recognized as such by the SA list (Oct 2016). Current name from AOU (2016)
	B-GRSA	*Antigone canadensis tabida*	greater sandhill crane	None/FP, ST		Birds	BIRDS	Cranes	CRANES	Gruidae	GRUIDAE	CRANES	GRUIDAE—CRANES	Formerly Grus canadensis tabida
	M-PRON	*Antilocapra americana*	pronghorn	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Antilocapridae	ANTILOCAPRIDAE	PRONGHORNS	ANTILOCAPRIDAE—PRONGHORNS	
	M-PABA	*Antrozous pallidus*	pallid bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	R-SPSO	*Apalone spinifera*	spiny softshell	None/None	*	Reptiles	REPTILES	Turtles	TURTLES	Trionychidae	TRIONYCHIDAE	SOFTSHELL TURTLES	TRIONYCHIDAE—SOFTSHELL TURTLES	
X	B-CASJ	*Aphelocoma californica*	California scrub-jay	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	I-DEME	*Apodemia mormo deserti*	desert metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	Not in NABA (2015), but on the SDNHM list
	I-LMBU	*Apodemia mormo langei*	Lange's metalmark butterfly	FE/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	Not in NABA (2015), but on the Special Animals list (CDFW 2016)
	I-SOME	*Apodemia mormo mejicanus*	Sonoran metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	SDNHM Checklist - ssp not recognized by NABA
	I-BEME	*Apodemia mormo virgulti*	Behr's metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	
	I-PAME	*Apodemia palmeri*	Palmer's metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	
	B-GOEA	*Aquila chrysaetos*	golden eagle	None/FP, WL		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-BCHU	*Archilochus alexandri*	black-chinned hummingbird	None/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	
	I-TIMO	*Arctiidae*	tiger moth	None/None		Invertebrates	INVERTEBRATES	Moths	MOTHS	Arctiidae	ARCTIIDAE	TIGER MOTHS	ARCTIIDAE—TIGER MOTHS	
	B-GREG	*Ardea alba*	great egret	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-GBHE	*Ardea herodias*	great blue heron	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-RUTU	*Arenaria interpres*	ruddy turnstone	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-BLTU	*Arenaria melanocephala*	black turnstone	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	I-AZDA	*Argea nahuana*	Aztec dancer	None/None		Invertebrates	INVERTEBRATE	Dragonflies & Damselflies	DRAGONFLIES AND DAMSELF	Coenagrionidae	COENAGRIONIDAE	POND DAMSELS	COENAGRIONIDAE—POND DAMSELS	
	R-GLSN	*Arizona elegans*	glossy snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-BESP	*Artemisiospiza belli*	Bell's sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-SASP	*Artemisiospiza nevadensis*	sagebrush sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-SEOW	*Asio flammeus*	short-eared owl	BCC/SSC		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	B-LEOW	*Asio otus*	long-eared owl	BCC/SSC		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	R-BOWH	*Aspidoscelis hyperythra beldingi*	Belding's orange-throated whiptail	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Teiidae	TEIIDAE	WHIPTAIL LIZARDS	TEIIDAE—WHIPTAIL LIZARDS	
	R-TIWH	*Aspidoscelis tigris*	tiger whiptail	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Teiidae	TEIIDAE	WHIPTAIL LIZARDS	TEIIDAE—WHIPTAIL LIZARDS	SDNHM Checklist - ssp not recognized by NABA
	R-COWH	*Aspidoscelis tigris stejnegeri*	San Diegan tiger whiptail	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Teiidae	TEIIDAE	WHIPTAIL LIZARDS	TEIIDAE—WHIPTAIL LIZARDS	coastal whiptail in Oct 2016 SA list.
	I-SACH	*Atalopedes campestris*	sachem	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-BUOW	*Athene cunicularia*	burrowing owl	BCC/SSC		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	I-GPHA	*Atlides halesus*	great purple hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	SDNHM Checklist - ssp not recognized by NABA
	B-VERD	*Auriparus flaviceps*	verdin	None/None		Birds	BIRDS	Verdin	VERDIN	Remizidae	REMIZIDAE	PENDULINE TITS & VERDINS	REMIZIDAE—PENDULINE TITS & VERDINS	
	B-LESC	*Aythya affinis*	lesser scaup	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-REDH	*Aythya americana*	redhead	None/SSC		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-RNDU	*Aythya collaris*	ring-necked duck	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-GRSC	*Aythya marila*	greater scaup	None/None		Birds	BIRD	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-CANV	*Aythya valisineria*	canvasback	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-OATI	*Baeolophus inornatus*	oak titmouse	BCC/None		Birds	BIRDS	Titmice	TITMICE	Paridae	PARIDAE	CHICKADEES & TITMICE	PARIDAE—CHICKADEES & TITMICE	
	M-RING	*Bassariscus astutus*	ringtail	None/FP		Mammals	MAMMALS	Raccoons	RACCOONS	Procyonidae	PROCYONIDAE	RACCOONS & RELATIVES	PROCYONIDAE—RACCOONS & RELATIVES	Ringtail is not included in 2017 Special Animals List because it is not tracked in CNDDB, but is FP http://www.dfg.ca.gov/wildlife/nongame/t_e_spp/fully_pro.html
	A-CASS	*Batrachoseps attenuatus*	California slender salamander	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	A-BBSA	*Batrachoseps nigriventris*	black-bellied slender salamander	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	A-PASS	*Batrachoseps pacificus*	Channel Islands slender salamander	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	A-KCSS	*Batrachoseps simatus*	Kern Canyon slender salamander	None/ST		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	A-TESS	*Batrachoseps stebbinsi*	Tehachapi slender salamander	None/ST		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	I-PISW	*Battus philenor*	pipevine swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	B-CEDW	*Bombycilla cedrorum*	cedar waxwing	None/None		Birds	BIRDS	Waxwings	WAXWINGS	Bombycillidae	BOMBYCILLIDAE	WAXWINGS	BOMBYCILLIDAE—WAXWINGS	
	M-AMBI	*Bos bison*	American bison	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Bovidae	BOVIDAE	BISON, GOATS & SHEEP	BOVIDAE—BISON, GOATS & SHEEP	Previously Bison bison
	M-DOCA	*Bos taurus*	domestic cattle	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Bovidae	BOVIDAE	BISON, GOATS & SHEEP	BOVIDAE—BISON, GOATS & SHEEP	Previously Boa taurus
	B-AMBI	*Botaurus lentiginosus*	American bittern	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	I-COFS	*Branchinecta conservatio*	Conservancy fairy shrimp	FE/None		Invertebrates	INVERTEBRATES	Fairy Shrimp	FAIRY SHRIMP	Branchinectidae	BRANCHINECTIDAE	FAIRY SHRIMP	BRANCHINECTIDAE—FAIRY SHRIMP	Added per Heather's request 10.7.21
	I-LHFS	*Branchinecta longiantenna*	longhorn fairy shrimp	FE/None		Invertebrates	INVERTEBRATES	Fairy Shrimp	FAIRY SHRIMP	Branchinectidae	BRANCHINECTIDAE	FAIRY SHRIMP	BRANCHINECTIDAE—FAIRY SHRIMP	Added per Heather's request 10.7.21
	C-VPFS	*Branchinecta lynchi*	vernal pool fairy shrimp	FT/None		Invertebrates	INVERTEBRATES	Fairy Shrimp	FAIRY SHRIMP	Branchinectidae	BRANCHINECTIDAE	FAIRY SHRIMP	BRANCHINECTIDAE—FAIRY SHRIMP	
	C-SFSH	*Branchinecta sandiegonensis*	San Diego fairy shrimp	FE/None		Invertebrates	INVERTEBRATES	Fairy Shrimp	FAIRY SHRIMP	Branchinectidae	BRANCHINECTIDAE	FAIRY SHRIMP	BRANCHINECTIDAE—FAIRY SHRIMP	
	B-BRAN	*Branta bernicla*	brant	None/SSC		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-CAGO	*Branta canadensis*	Canada goose	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	I-WPBL	*Brephidium exile*	western pygmy-blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-GHOW	*Bubo virginianus*	great horned owl	None/None		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	B-CAEG	*Bubulcus ibis*	cattle egret	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-BUFF	*Bucephala albeola*	bufflehead	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-COGO	*Bucephala clangula*	common goldeneye	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-BAGO	*Bucephala islandica*	Barrow's goldeneye	None/SSC		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	B-RTHA	*Buteo jamaicensis*	red-tailed hawk	None/None		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B_RLHA	*Buteo lagopus*	rough-legged hawk	None/None		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	Added Oct 2016 because included in the kerata lookup table.
	B-RSHA	*Buteo lineatus*	red-shouldered hawk	None/None		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-FEHA	*Buteo regalis*	ferruginous hawk	None/WL		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-SWHA	*Buteo swainsoni*	Swainson's hawk	None/ST		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-GRHE	*Butorides virescens*	green heron	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	I-FAME	*Calephelis nemesis*	fatal metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	
	I-WRME	*Calephelis wrighti*	Wright's metalmark	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Riodinidae	RIODINIDAE	METALMARKS	RIODINIDAE—METALMARKS	
	B-SAND	*Calidris alba*	sanderling	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-DUNL	*Calidris alpina*	dunlin	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-REKN	*Calidris canutus*	red knot	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-WESA	*Calidris mauri*	western sandpiper	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-LESA	*Calidris minutilla*	least sandpiper	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-ROSA	*Calidris ptilocnemis*	rock sandpiper	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-SURF	*Calidris virgata*	surfbird	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	Added Jan 2020
X	B-CAQU	*Callipepla californica*	California quail	None/None		Birds	BIRDS	New World Quail	NEW WORLD QUAIL	Odontophoridae	ODONTOPHORIDAE	NEW WORLD QUAIL	ODONTOPHORIDAE—NEW WORLD QUAIL	
	B-GAQU	*Callipepla gambelii*	Gambel's quail	None/None		Birds	BIRDS	New World Quail	NEW WORLD QUAIL	Odontophoridae	ODONTOPHORIDAE	NEW WORLD QUAIL	ODONTOPHORIDAE—NEW WORLD QUAIL	
	R-ZTLI	*Callisaurus draconoides*	zebra-tailed lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	

	I-BREL	*Callophrys augustinus*	brown elfin	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-BRHA	*Callophrys dumetorum*	bramble hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-IBHA	*Callophrys dumetorum affinis*	immaculate bramble hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-WPEL	*Callophrys eryphon*	western pine elfin	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-JUHA	*Callophrys gryneus*	juniper hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-LJHA	*Callophrys gryneus loki*	Loki juniper hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-NJHA	*Callophrys gryneus nelsoni*	Nelson's juniper hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-TJHA	*Callophrys gryneus thornei*	Thorne's juniper hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-THHA	*Callophrys spinetorum*	thicket hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	M-SBGS	*Callospermophilus lateralis bernardinus*	San Bernardino ground squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	*Previously Spermophilus lateralis bernardinus*
X	B-ANHU	*Calypte anna*	Anna's hummingbird	None/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	SDNHM Checklist - ssp not recognized by NABA
	B-COHU	*Calypte costae*	Costa's hummingbird	BCC/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	
	B-CACW	*Campylorhynchus brunneicapillus*	cactus wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	B-COCW	*Campylorhynchus brunneicapillus sandiegensis*	coastal cactus wren	None/SSC		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	M-DODO	*Canis familiaris*	domestic dog	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	Previously Canis lupus familiaris
	M-COYO	*Canis latrans*	coyote	None/None		Mammals	MAMMALS	Canids	CANIDS	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	
	M-GOAT	*Capra hircus*	domestic goat	None/None	*	Mammals	MAMMALS	Ungulates	UNGULATES	Bovidae	BOVIDAE	BISON, GOATS & SHEEP	BOVIDAE—BISON, GOATS & SHEEP	Previously "goat". Common name updated per Mammal Biodiversity Database 7.16.21
	F-GOLD	*Carassius auratus*	goldfish	None/None	*	Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	
	B-WIWA	*Cardellina pusilla*	Wilson's warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-PYRR	*Cardinalis sinuatus*	pyrrhuloxia	None/None		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	M-NABE	*Castor canadensis*	North American beaver	None/None		Mammals	MAMMALS	Beaver	BEAVER	Castoridae	CASTORIDAE	BEAVERS	CASTORIDAE—BEAVERS	Previously "American beaver" in the family Aplodontiidae. Common name and family updated per Mammal Biodiversity Database 7.16.21
X	B-TUVU	*Cathartes aura*	turkey vulture	None/None		Birds	BIRDS	New World Vultures	NEW WORLD VULTURES	Cathartidae	CATHARTIDAE	NEW WORLD VULTURES	CATHARTIDAE—NEW WORLD VULTURES	
	B-HETH	*Catharus guttatus*	hermit thrush	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-SWTH	*Catharus ustulatus*	Swainson's thrush	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-CANW	*Catherpes mexicanus*	canyon wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	F-SCSU	*Catostomus occidentalis*	Sacramento sucker	None/None		Fishes	FISHES	Suckers	SUCKERS	Catostomidae	CATOSTOMIDAE	SUCKERS	CATOSTOMIDAE—SUCKERS	Added Oct 2016 because included in the kerata lookup table.
	F-SASU	*Catostomus santaanae*	Santa Ana sucker	FT/None		Fishes	FISHES	Suckers	SUCKERS	Catostomidae	CATOSTOMIDAE	SUCKERS	CATOSTOMIDAE—SUCKERS	
	I-ECBL	*Celistrina ladon [argiolus] echo*	echo blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the SDNHM list
	B-GRSG	*Centrocercus urophasianus*	greater sage-grouse	None/SSC		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	I-GBWN	*Cercyonis sthenele*	Great Basin wood-nymph	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	B-RHAU	*Cerorhinca monocerata*	rhinoceros auklet	None/WL		Birds	BIRDS	Sea Birds	SEA BIRDS	Alcidae	ALCIDAE	AUKLETS, PUFFINS, & RELATIVES	ALCIDAE—AUKLETS, PUFFINS, & RELATIVES	Added Oct 2016 because included in the kerata lookup table.
	B-BRCR	*Certhia americana*	brown creeper	None/None		Birds	BIRDS	Creepers	CREEPERS	Certhiidae	CERTHIIDAE	CREEPERS	CERTHIIDAE—CREEPERS	
	M-WAPI	*Cervus canadensis*	wapiti	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Cervidae	CERVIDAE	DEERS	CERVIDAE—DEERS	split from C. elaphus; Also elk or tule elk
	M-WERD	*Cervus elaphus*	western red deer	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Cervidae	CERVIDAE	DEERS	CERVIDAE—DEERS	Previously "elk". Species split. See entry for "Cervus canadensis". Common name updated per Mammal Biodiversity Database 7.16.21.
	M-BAPM	*Chaetodipus baileyi*	Bailey's pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	SDNHM Checklist - ssp not recognized by NABA
	M-CAPM	*Chaetodipus californicus*	California pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	SDNHM Checklist - ssp not recognized by NABA
	M-DCPM	*Chaetodipus californicus femoralis*	Dulzura pocket mouse	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-SDPM	*Chaetodipus fallax*	San Diego pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	SDNHM Checklist - ssp not recognized by NABA
	M-NWPM	*Chaetodipus fallax fallax*	northwestern San Diego pocket mo	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	SDNHM Checklist - ssp not recognized by NABA
	M-LTPM	*Chaetodipus formosus*	long-tailed pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-DEPM	*Chaetodipus penicillatus sobrinus*	desert pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-PEPM	*Chaetodipus rudinoris*	Peninsular pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	Prevously "Baja California pocket mouse"; Common name updated per Mammal Biodiversity Database 7.16.21.
	M-SPPM	*Chaetodipus spinatus*	spiny pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	B-VASW	*Chaetura vauxi*	Vaux's swift	BCC/SSC		Birds	BIRDS	Swifts	SWIFTS	Apodidae	APODIDAE	SWIFTS	APODIDAE—SWIFTS	
	B-WREN	*Chamaea fasciata*	wrentit	BCC/None		Birds	BIRDS	Typical Warblers, Parrotbill	TYPICAL WARBLERS, PARROT	Sylviidae	SYLVIIDAE	SYLVIID WARBLERS	SYLVIIDAE—SYLVIID WARBLERS	
	B-MOUP	*Charadrius montanus*	mountain plover	BCC/SSC		Birds	BIRDS	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	
	B-SNPL	*Charadrius nivosus*	snowy plover	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	formerly mastiff bat
	B-WESP	*Charadrius nivosus nivosus*	western snowy plover	FT, BCC/SSC		Birds	BIRD	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	Updated sci name to account for the fact that FWS and BNA account uses C. nivosus nivosus; however, CDFW uses C. alexandrinus nivosus
	B-SEPL	*Charadrius semipalmatus*	semipalmated plover	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	
	B-KILL	*Charadrius vociferus*	killdeer	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	
	R-SRBO	*Charina umbratica*	southern rubber boa	None/ST		Reptiles	REPTILES	Snakes	SNAKES	Boidae	BOIDAE	BOAS	BOIDAE—BOAS	
	R-MSNS	*Chionactis occipitalis*	Mohave shovel-nosed snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	Common name is per Crother (2017); Previously western shovel-nosed snake
	B-BLTE	*Chlidonias niger*	black tern	BCC/SSC		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	I-SAHA	*Chlorostrymon simaethis sarita*	Sarita hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the SDNHM list
	I-CAPA	*Chlosyne californica*	California patch	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-GACH	*Chlosyne gabbii*	Gabb's checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-BOPA	*Chlosyne lacinia*	bordered patch	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	M-MLBA	*Choeronycteris mexicana*	Mexican long-tongued bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Phyllostomidae	PHYLLOSTOMIDAE	LEAF-NOSED BATS	PHYLLOSTOMIDAE—LEAF-NOSED BATS	includes feral cats
	B-LASP	*Chondestes grammacus*	lark sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-LENI	*Chordeiles acutipennis*	lesser nighthawk	None/None		Birds	BIRDS	Goatsuckers	GOATSUCKERS	Caprimulgidae	CAPRIMULGIDAE	GOATSUCKERS	CAPRIMULGIDAE—GOATSUCKERS	SDNHM Checklist - ssp not recognized by NABA
	B-CONI	*Chordeiles minor*	common nighthawk	None/None		Birds	BIRDS	Goatsuckers	GOATSUCKERS	Caprimulgidae	CAPRIMULGIDAE	GOATSUCKERS	CAPRIMULGIDAE—GOATSUCKERS	
	B-BOGU	*Chroicocephalus philadelphia*	Bonaparte's gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	R-PATU	*Chrysemys picta*	painted turtle	None/None	*	Reptiles	REPTILES	Turtles	TURTLES	Emydidae	EMYDIDAE	BOX & WATER TURTLES	EMYDIDAE—BOX & WATER TURTLES	
	B-AMDI	*Cinclus mexicanus*	American dipper	BCC/None		Birds	BIRDS	Dippers	DIPPERS	Cinclidae	CINCLIDAE	DIPPERS	CINCLIDAE—DIPPERS	Added Oct 2016 because included in the kerata lookup table.
	B-NOHA	*Circus hudsonius*	northern harrier	BCC/SSC		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	B-MAWR	*Cistothorus palustris*	marsh wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	B-CLMW	*Cistothorus palustris clarkae*	Clark's marsh wren	None/SSC		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	B-LTDU	*Clangula hyemalis*	long-tailed duck	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-EVGR	*Coccothraustes vespertinus*	evening grosbeak	BCC/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & A	SDNHM Checklist - ssp not recognized by NABA
	B-YBCU	*Coccyzus americanus*	yellow-billed cuckoo	None/None		Birds	BIRDS	Roadrunners & Cuckoos	ROADRUNNERS & CUCKOOS	Cuculidae	CUCULIDAE	CUCKOOS, ROADRUNNERS, & ANIS	CUCULIDAE—CUCKOOS, ROADRUNNERS, & ANIS	
	B-WYBC	*Coccyzus americanus occidentalis*	western yellow-billed cuckoo	FT/SE		Birds	BIRDS	Roadrunners & Cuckoos	ROADRUNNERS & CUCKOOS	Cuculidae	CUCULIDAE	CUCKOOS, ROADRUNNERS, & ANIS	CUCULIDAE—CUCKOOS, ROADRUNNERS, & ANIS	
	I-CCRI	*Coenonympha tullia california*	common california ringlet	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	B-RSFL	*Colaptes auratus*	northern flicker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	R-SBGE	*Coleonyx switaki*	Switak's banded gecko	None/ST		Reptiles	REPTILES	Lizards	LIZARDS	Gekkonidae	GEKKONIDAE	GECKOS	GEKKONIDAE—GECKOS	
	R-WBGE	*Coleonyx variegatus*	western banded gecko	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Gekkonidae	GEKKONIDAE	GECKOS	GEKKONIDAE—GECKOS	
	I-SODO	*Colias cesonia*	southern dogface	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-CODO	*Colias eurydice*	California dogface	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-ORSU	*Colias eurytheme*	orange sulphur	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-HASU	*Colias harfordii*	Harford's sulphur	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	Not in NABA (2015), but on the SDNHM list
	I-SBSM	*Coloradia velda*	San Bernardino Mountains silk moth	None/None		Invertebrates	INVERTEBRATES	Moths	MOTHS	Saturniidae	SATURNIIDAE	SATURNIIDS	SATURNIIDAE—SATURNIIDS	
	R-COAC	*Coluber flagellum*	coachwhip	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-SJCW	*Coluber flagellum ruddocki*	San Joaquin coachwhip	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-STRA	*Coluber lateralis*	striped racer	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-ROPI	*Columba livia*	rock pigeon (rock dove)	None/None	*	Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	
	B-COGD	*Columbina passerina*	common ground dove	None/None		Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	Previously "common ground-dove"
	B-OSFL	*Contopus cooperi*	olive-sided flycatcher	BCC/SSC		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-WEWP	*Contopus sordidulus*	western wood-pewee	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	I-ORSK	*Copaeodes aurantiacus*	orange skipperling	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-RCKI	*Corthylio calendula*	ruby-crowned kinglet	None/None		Birds	BIRDS	Kinglets	KINGLETS	Regulidae	REGULIDAE	KINGLETS	REGULIDAE—KINGLETS	Xerospermophilus (Helgen et al. 2009); Previously Regulus calendula, but updated 7.12.21 per AOS supplement.
	B-AMCR	*Corvus brachyrhynchos*	American crow	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	B-CORA	*Corvus corax*	common raven	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	M-TBBA	*Corynorhinus townsendii*	Townsend's big-eared bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	F-PRSC	*Cottus asper*	prickly sculpin	None/None		Fishes	FISHES	Other Bony Fishes	OTHER BONY FISHES	Cottidae	COTTIDAE	SCULPINS	COTTIDAE—SCULPINS	
	R-WDBR	*Crotalus atrox*	western diamond-backed rattlesnak	None/None		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	
	R-SIDE	*Crotalus cerastes*	sidewinder	None/None		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	
	R-WERA	*Crotalus oreganus*	western rattlesnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	
	R-SPRA	*Crotalus pyrrhus*	southwestern speckled rattlesnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	Per Crother (2017): Crotalus pyrrhus is a species distinct from Crotalus mitchellii of Baja California; Previously speckled rattlesnake (Crotalus mitchellii)
	R-RDRA	*Crotalus ruber*	red diamond rattlesnake	None/SSC		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	red-diamond rattlesnake in Oct 2016 SA list. Changed common name to match Crother (2017) in Oct 2018; Previously red diamondback rattlesnake
	R-MORA	*Crotalus scutulatus*	Mohave rattlesnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Viperidae	VIPERIDAE	VIPERS	VIPERIDAE—VIPERS	
	R-GBCL	*Crotaphytus bicinctores*	Great Basin collared lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Crotaphytidae	CROTAPHYTIDAE	COLLARED LIZARDS	CROTAPHYTIDAE—COLLARED LIZARDS	
	R-BCCL	*Crotaphytus vestigium*	Baja California collared lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Crotaphytidae	CROTAPHYTIDAE	COLLARED LIZARDS	CROTAPHYTIDAE—COLLARED LIZARDS	
	B-STJA	*Cyanocitta stelleri*	Steller's jay	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	B-TUSW	*Cygnus columbianus*	Tundra swan	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-MUSW	*Cygnus olor*	mute swan	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Added Oct 2016 because included in the kerata lookup table.
	F-DEPU	*Cyprinodon macularius*	desert pupfish	FE/SE		Fishes	FISHES	Pupfish	PUPFISH	Cyprinodontidae	CYPRINODONTIDAE	PUPFISH	CYPRINODONTIDAE—PUPFISH	Added Oct 2016 because included in the kerata lookup table.
	F-COCA	*Cyprinus carpio*	common carp	None/None	*	Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	
	B-BLSW	*Cypseloides niger*	black swift	BCC/SSC		Birds	BIRDS	Swifts	SWIFTS	Apodidae	APODIDAE	SWIFTS	APODIDAE—SWIFTS	
	I-QUEE	*Danaus gilippus*	queen	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-MONA	*Danaus plexippus*	monarch	FC/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	in Oct 2016 SA list.
	M-SYBA	*Dasypterus ega*	southern yellow bat	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	*Previously Lasiurus ega*
	M-WEYB	*Dasypterus xanthinus*	western yellow bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	Previously Lasiurus xanthinus
	B-SOGR	*Dendragapus fuliginosus*	sooty grouse	None/None		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	B-DUGR	*Dendragapus obscurus*	dusky grouse	None/None		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	B-FUWD	*Dendrocygna bicolor*	fulvous whistling-duck	None/SSC		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	I-VELB	*Desmocerus californicus dimorphus*	valley elderberry longhorn beetle	FT/None		Invertebrates	INVERTEBRATES	Beetles	BEETLES	Cerambycidae	CERAMBYCIDAE	LONGHORN BEETLES	CERAMBYCIDAE—LONGHORN BEETLES	
	R-RISN	*Diadophis punctatus*	ring-necked snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-SBRS	*Diadophis punctatus modestus*	San Bernardino ring-necked snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	San Bernardino ringneck snake in Oct 2016 SA list.
	M-VIOP	*Didelphis virginiana*	Virginia opossum	None/None	*	Mammals	MAMMALS	Opossums	OPOSSUMS	Didelphidae	DIDELPHIDAE	NEW WORLD OPOSSUMS	DIDELPHIDAE—NEW WORLD OPOSSUMS	
	M-AGKR	*Dipodomys agilis*	agile kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-DEKR	*Dipodomys deserti*	desert kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-HEKR	*Dipodomys heermanni*	Heermann's kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-GKRA	*Dipodomys ingens*	giant kangaroo rat	FE/SE		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	Added Oct 2016 because included in the kerata lookup table.
	M-MEKR	*Dipodomys merriami*	Merriam's kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-AMKR	*Dipodomys merriami collinus*	Earthquake Merriam's kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-SBKR	*Dipodomys merriami parvus*	San Bernardino kangaroo rat	FE/SSC, SCE		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-MKRT	*Dipodomys merriami trinidadensis*	Merriam's kangaroo rat (subspecies	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-CTKR	*Dipodomys microps*	chisel-toothed kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-SNKR	*Dipodomys nitratoides brevinasus*	short-nosed kangaroo rat	None/SSC		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	Added Oct 2016 because included in the kerata lookup table; no common name in Wilson and Reeder
	M-TIKR	*Dipodomys nitratoides nitratoides*	Tipton kangaroo rat	FE/SE		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	

	M-PAKR	*Dipodomys panamintinus*	Panamint kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-DUKR	*Dipodomys simulans*	Dulzura kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-KARA	*Dipodomys sp.*	kangaroo rat	None/None		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-STKR	*Dipodomys stephensi*	Stephens' kangaroo rat	FE/ST		Mammals	MAMMALS	Kangaroo Rats	KANGAROO RATS	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	Common name from CNDDB ("Stephens's kangaroo rat" per Mammal Biodiversity Database)
	R-DEIG	*Dipsosaurus dorsalis*	desert iguana	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Iguanidae	IGUANIDAE	IGUANAS	IGUANIDAE—IGUANAS	
	B-WHWO	*Dryobates albolarvatus*	white-headed woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	White-headed woodpecker in Oct 2016 SA list; Formerly Picoides albolarvatus.
	B-NUWO	*Dryobates nuttallii*	Nuttall's woodpecker	BCC/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	Formerly BCC; not included in Oct 2016 Special Animals list; Formerly Picoides nuttallii
	B-DOWO	*Dryobates pubescens*	downy woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	Formally Dryobates pubescens
	B-LBWO	*Dryobates scalaris*	ladder-backed woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	Formally Dryobates scalaris
	B-HAWO	*Dryobates villosus*	hairy woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	Formally Dryobates villosus
	B-PIWO	*Dryocopus pileatus*	pileated woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	I-IMCH	*Dymasia dymas imperialis*	Imperial checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2015), but on the SDNHM list
	B-LBHE	*Egretta caerulea*	little blue heron	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-REEG	*Egretta rufescens*	reddish egret	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-SNEG	*Egretta thula*	snowy egret	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-WTKI	*Elanus leucurus*	white-tailed kite	None/FP		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	R-SALI	*Elgaria multicarinata*	southern alligator lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Anguidae	ANGUIDAE	ALLIGATOR LIZARDS	ANGUIDAE—ALLIGATOR LIZARDS	
	B-WEFL	*Empidonax difficilis*	Pacific-slope flycatcher	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-HAFL	*Empidonax hammondii*	Hammond's flycatcher	None/None		Birds	BIRD	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-DUFL	*Empidonax oberholseri*	dusky flycatcher	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-WIFL	*Empidonax traillii*	willow flycatcher	None/SE		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-LWFL	*Empidonax traillii brewsteri*	little willow flycatcher	None/SE		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-SWFL	*Empidonax traillii extimus*	southwestern willow flycatcher	FE/SE		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-GRFL	*Empidonax wrightii*	gray flycatcher	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	A-ENSA	*Ensatina eschscholtzii*	ensatina	None/None		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	
	A-YBSA	*Ensatina eschscholtzii croceater*	yellow-blotched ensatina	None/WL		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Plethodontidae	PLETHODONTIDAE	LUNGLESS SALAMANDERS	PLETHODONTIDAE—LUNGLESS SALAMANDERS	yellow-blotched salamander in Oct 2016 SA list.
	I-SISK	*Epargyreus clarus*	silverspotted skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	SDNHM Checklist - ssp not recognized by NABA
	M-BBBA	*Eptesicus fuscus*	big brown bat	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-DOAS	*Equus asinus*	domestic ass	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Equidae	EQUIDAE	HORSES & BURROS	EQUIDAE—HORSES & BURROS	Previously "ass". Common name updated per Mammal Biodiversity Database 7.16.21.
	M-DOHO	*Equus caballus*	domestic horse	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Equidae	EQUIDAE	HORSES & BURROS	EQUIDAE—HORSES & BURROS	
	B-HOLA	*Eremophila alpestris*	horned lark	None/None		Birds	BIRDS	Larks	LARKS	Alaudidae	ALAUDIDAE	LARKS	ALAUDIDAE—LARKS	
	I-AFDU	*Erynnis afranius*	Afranius duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-SLDU	*Erynnis brizo*	sleepy duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-FUDU	*Erynnis funeralis*	funereal duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-PADU	*Erynnis pacuvius*	Pacuvius duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-PRDU	*Erynnis propertius*	Propertius duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-MODU	*Erynnis tristis*	mournful duskywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-ANMA	*Euchloe hyantis andrewsi*	Andrew's marble butterfly	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	Not in NABA (2015), but on the Special Animals list (CDFW 2016) as "Andrew's marble butterfly"
	I-DPMA	*Euchloe hyantis lotta*	desert pearly marble	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	M-SPBA	*Euderma maculatum*	spotted bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-WMBA	*Eumops perotis californicus*	western mastiff bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Molossidae	MOLOSSIDAE	FREE-TAILED BATS	MOLOSSIDAE—FREE-TAILED BATS	
	B-BRBL	*Euphagus cyanocephalus*	Brewer's blackbird	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	I-BSBL	*Euphilotes battoides bernardino*	Bernardino square-spotted blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-DADB	*Euphilotes enoptes dammersi*	Dammer's dotted blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-VACH	*Euphydryas chalcedona*	variable checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-CHCH	*Euphydryas chalcedona chalcedona*	Chalcedon variable checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-HECH	*Euphydryas chalcedona hennei*	Henne's checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2016), but on the SDNHM list
	I-QUCH	*Euphydryas editha quino*	quino checkerspot butterfly	FE/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2015), but on the SDNHM list and Special Animals list (CDFW 2016). SDNHM refers to "quino checkerspot", but SA List refers to "quino checkerspot butterfly".
	I-HDSK	*Euphyes vestris harbisoni*	Harbison dun skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	Not in NABA (2015), but on the SDNHM list
	I-KPSM	*Euproserpinus euterpe*	Kern primrose sphinx moth	FT/None		Invertebrates	INVERTEBRATES	Moths	MOTHS	Sphingidae	SPHINGIDAE	HAWK MOTHS	SPHINGIDAE—HAWK MOTHS	
	I-VAFR	*Euptoieta claudia*	variegated fritillary	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-MEYE	*Eurema mexicana*	Mexican yellow	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-SLOR	*Eurema nicippe*	sleepy orange	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-PSHB	*Euwallacea fornicatus pop 1*	polyphagous shot hole borer	None/None	*	Invertebrates	INVERTEBRATES	Snout and Bark Beetles	SNOUT AND BARK BEETLES	Curculionidae	CURCULIONIDAE	SNOUT AND BARK BEETLES	CURCULIONIDAE—SNOUT AND BARK BEETLES	
	I-KSHB	*Euwallacea fornicatus pop 5*	Kuroshio shot hole borer	None/None	*	Invertebrates	INVERTEBRATES	Snout and Bark Beetles	SNOUT AND BARK BEETLES	Curculionidae	CURCULIONIDAE	SNOUT AND BARK BEETLES	CURCULIONIDAE—SNOUT AND BARK BEETLES	
	I-WTBL	*Everes amyntula*	western tailed-blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-MERL	*Falco columbarius*	merlin	None/WL		Birds	BIRDS	Falcons	FALCONS	Falconidae	FALCONIDAE	CARACARAS & FALCONS	FALCONIDAE—CARACARAS & FALCONS	
	B-PRFA	*Falco mexicanus*	prairie falcon	None/WL		Birds	BIRDS	Falcons	FALCONS	Falconidae	FALCONIDAE	CARACARAS & FALCONS	FALCONIDAE—CARACARAS & FALCONS	
	B-PEFA	*Falco peregrinus anatum*	American peregrine falcon	FPD/FP, SCD		Birds	BIRDS	Falcons	FALCONS	Falconidae	FALCONIDAE	CARACARAS & FALCONS	FALCONIDAE—CARACARAS & FALCONS	
	B-AMKE	*Falco sparverius*	American kestrel	None/None		Birds	BIRDS	Falcons	FALCONS	Falconidae	FALCONIDAE	CARACARAS & FALCONS	FALCONIDAE—CARACARAS & FALCONS	
	M-DCAT	*Felis catus*	domestic cat	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Felidae	FELIDAE	CATS	FELIDAE—CATS	
	B-TUPU	*Fratercula cirrhata*	tufted puffin	BCC/SSC		Birds	BIRDS	Sea Birds	SEA BIRDS	Alcidae	ALCIDAE	AUKLETS, PUFFINS, & RELATIVES	ALCIDAE—AUKLETS, PUFFINS, & RELATIVES	Added Oct 2016 because included in the kerata lookup table.
	B-AMCO	*Fulica americana*	American coot	None/None		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	B-WISN	*Gallinago delicata*	Wilson's snipe	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-COGA	*Gallinula galeata*	common gallinule	None/None		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	R-BNLL	*Gambelia sila*	blunt-nosed leopard lizard	FE/FP, SE		Reptiles	REPTILES	Lizards	LIZARDS	Crotaphytidae	CROTAPHYTIDAE	COLLARED LIZARDS	CROTAPHYTIDAE—COLLARED LIZARDS	
	R-LNLL	*Gambelia wislizenii*	long-nosed leopard lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Crotaphytidae	CROTAPHYTIDAE	COLLARED LIZARDS	CROTAPHYTIDAE—COLLARED LIZARDS	
	F-MOSQ	*Gambusia affinis*	mosquitofish	None/None	*	Fishes	FISHES	Other Bony Fishes	OTHER BONY FISHES	Poeciliidae	POECILIIDAE	POECILIIDS	POECILIIDAE—POECILIIDS	
	F-RTST	*Gasterosteus aculeatus microcephalus*	resident threespine stickleback	None/None		Fishes	FISHES	Other Bony Fishes	OTHER BONY FISHES	Gasterosteidae	GASTEROSTEIDAE	STICKLEBACKS	GASTEROSTEIDAE—STICKLEBACKS	Added Oct 2016 because included in the kerata lookup table; on SA list, but no actual special status.
	F-UTST	*Gasterosteus aculeatus williamsoni*	unarmored threespine stickleback	FE/FP, SE		Fishes	FISHES	Other Bony Fishes	OTHER BONY FISHES	Gasterosteidae	GASTEROSTEIDAE	STICKLEBACKS	GASTEROSTEIDAE—STICKLEBACKS	
	B-COLO	*Gavia immer*	common loon	None/SSC		Birds	BIRDS	Waterfowl	WATERFOWL	Gaviidae	GAVIIDAE	LOONS	GAVIIDAE—LOONS	Added Oct 2016 because included in the kerata lookup table.
	B-PALO	*Gavia pacifica*	Pacific loon	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Gaviidae	GAVIIDAE	LOONS	GAVIIDAE—LOONS	Added Oct 2016 because included in the kerata lookup table.
	B-RTLO	*Gavia stellata*	red-throated loon	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Gaviidae	GAVIIDAE	LOONS	GAVIIDAE—LOONS	Added Oct 2016 because included in the kerata lookup table.
	B-GBTE	*Gelochelidon nilotica*	gull-billed tern	BCC/SSC		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-GRRO	*Geococcyx californianus*	greater roadrunner	None/None		Birds	BIRDS	Roadrunners & Cuckoos	ROADRUNNERS & CUCKOOS	Cuculidae	CUCULIDAE	CUCKOOS, ROADRUNNERS, & ANIS	CUCULIDAE—CUCKOOS, ROADRUNNERS, & ANIS	SDNHM Checklist - ssp not recognized by NABA
	B-MGWA	*Geothlypis tolmiei*	MacGillivray's warbler	None/None		Birds	BIRD	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-COYE	*Geothlypis trichas*	common yellowthroat	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-SCYT	*Geothlypis trichas sinuosa*	saltmarsh common yellowthroat	BCC/SSC		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	San Francisco common yellowthroat on USFWS BCC list. Added 7.12.21.
	F-ARCH	*Gila orcuttii*	arroyo chub	None/SSC		Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	
	B-NOPO	*Glaucidium gnoma*	Northern pygmy-owl	None/None		Birds	BIRD	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	previously Glaucidium californicum
	M-NFSQ	*Glaucomys sabrinus*	northern flying squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	
	I-SOUB	*Glaucopsyche lygdamus australis*	southern blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the SDNHM list
	I-ARBL	*Glaucopsyche piasus*	Arrowhead blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	R-DETO	*Gopherus agassizii*	Mojave desert tortoise	FT/ST		Reptiles	REPTILES	Turtles	TURTLES	Testudinidae	TESTUDINIDAE	TRUE LAND TORTOISES	TESTUDINIDAE—TRUE LAND TORTOISES	Common name per USFWS (https://www.fws.gov/nevada/desert_tortoise/documents/manuals/Mojave%20Desert%20Tortoise_Pre-project%20Survey%20Protocol_2018.pdf) instead of Crother (2012)
	B-CALC	*Gymnogyps californianus*	California condor	FE/FP, SE		Birds	BIRDS	New World Vultures	NEW WORLD VULTURES	Cathartidae	CATHARTIDAE	NEW WORLD VULTURES	CATHARTIDAE—NEW WORLD VULTURES	
	B-PIJA	*Gymnorhinus cyanocephalus*	pinyon jay	BCC/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	I-GOHA	*Habrodais grunus*	golden hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-BLOY	*Haematopus bachmani*	black oystercatcher	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Haematopodidae	HAEMATOPODIDAE	OYSTERCATCHERS	HAEMATOPODIDAE—OYSTERCATCHERS	
	B-CAFI	*Haemorhous cassinii*	Cassin's finch	BCC/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & A	previously Carpodacus cassinii
	B-HOFI	*Haemorhous mexicanus*	house finch	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & A	*previously Carpodacus mexicanus*
	B-PUFI	*Haemorhous purpureus*	purple finch	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & A	*previously Carpodacus purpureus*
	B-BAEA	*Haliaeetus leucocephalus*	bald eagle	FPD/FP, SE		Birds	BIRDS	Hawks	HAWKS	Accipitridae	ACCIPITRIDAE	HAWKS, KITES, EAGLES, & ALLIES	ACCIPITRIDAE—HAWKS, KITES, EAGLES, & ALLIES	
	I-ZEHE	*Heliconius charithonia*	zebra heliconian	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-EWSK	*Heliopetes domicella*	Erichson's white-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-NWSK	*Heliopetes ericetorum*	northern white-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	aka dark-eyed junco
	I-EDBL	*Hemiargus ceraunus gyas*	Edward's blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the SDNHM list
	I-REBL	*Hemiargus isola*	Reakirt's blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-COSK	*Hesperia columbia*	Columbian skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-LESK	*Hesperia comma leussleri*	Leussler's skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	Not in NABA (2015), but on the SDNHM list
	I-JUSK	*Hesperia juba*	Juba skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-MOSC	*Hesperopsis libya*	Mojave scootywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-BNST	*Himantopus mexicanus*	black-necked stilt	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Recurvirostridae	RECURVIROSTRIDAE	STILTS & AVOCETS	RECURVIROSTRIDAE—STILTS & AVOCETS	
	B-BASW	*Hirundo rustica*	barn swallow	None/None		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	B-CATE	*Hydroprogne caspia*	Caspian tern	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	I-FISK	*Hylephila phyleus*	fiery skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-WLSM	*Hyles lineata*	white-lined sphinx moth	None/None		Invertebrates	INVERTEBRATES	Moths	MOTHS	Sphingidae	SPHINGIDAE	HAWK MOTHS	SPHINGIDAE—HAWK MOTHS	
	R-CONI	*Hypsiglena ochrorhyncha*	coast nightsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	I-ACBL	*Icaricia acmon acmon*	Acmon blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Previously Plebejus acmon
	I-EVBL	*Icaricia icaroides evius*	Evius blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Previously Plebejus icaroides evius
	B-YBCH	*Icteria virens*	yellow-breasted chat	None/SSC		Birds	BIRDS	Chats	CHATS	Icteriidae	ICTERIIDAE	YELLOW-BREASTED CHAT	ICTERIIDAE—YELLOW-BREASTED CHAT	
	B-BUOR	*Icterus bullockii*	Bullock's oriole	BCC/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	B-HOOR	*Icterus cucullatus*	hooded oriole	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	B-SCOR	*Icterus parisorum*	Scott's oriole	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	I-SGEL	*Incisalia mossii hidakupa*	San Gabriel Mountains elfin	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the Special Animals list (CDFW 2016)
	I-TERM	*Isoptera sp.*	termites	None/None	*	Invertebrates	INVERTEBRATES	Termites	TERMITES	Various	VARIOUS	TERMITES	VARIOUS—TERMITES	
	B-LEBI	*Ixobrychus exilis*	least bittern	None/SSC		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-VATH	*Ixoreus naevius*	varied thrush	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-ORJU	*Junco hyemalis*	dark-eyed junco	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	I-COBU	*Junonia coenia*	common buckeye	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	R-COKI	*Lampropeltis californiae*	California kingsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-DEKI	*Lampropeltis splendida*	desert kingsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-CMKI	*Lampropeltis zonata*	California mountain kingsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-LOSH	*Lanius ludovicianus*	loggerhead shrike	None/SSC		Birds	BIRDS	Shrikes	SHRIKES	Laniidae	LANIIDAE	SHRIKES	LANIIDAE—SHRIKES	
	B-HERG	*Larus argentatus*	herring gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-SBGU	*Larus brachyrhynchus*	short-billed gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	Previously B-MEGU, Larus canus, mew gull. Updated 7.12.21 per AOS bird checklist supplement.
	B-CAGU	*Larus californicus*	California gull	BCC/WL		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-RBGU	*Larus delawarensis*	ring-billed gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-GWGU	*Larus glaucescens*	glaucous-winged gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-ICGU	*Larus glaucoides*	Iceland gull	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	

	B-HEEG	*Larus heermanni*	Heermann's gull	BCC/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-WEGU	*Larus occidentalis*	western gull	BCC/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	M-SHBA	*Lasionycteris noctivagans*	silver-haired bat	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-WRBA	*Lasiurus blossevillii*	western red bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	Common name from CNDDB ("southern red bat" per Mammal Biodiversity Database)
	M-ERBA	*Lasiurus borealis*	eastern red bat	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	B-BLRA	*Laterallus jamaicensis*	black rail	None/None		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	B-CABR	*Laterallus jamaicensis coturniculus*	California black rail	None/FP, ST		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	F-HITC	*Lavinia exilicauda*	hitch	None/None		Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	Added Oct 2016 because included in the kerata lookup table.
	B-OCWA	*Leiothlypis celata*	orange-crowned warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	Previously Oreothlypis celata
	B-LUWA	*Leiothlypis luciae*	Lucy's warbler	None/SSC		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	Previously Oreothlypis luciae
	B-NAWA	*Leiothlypis ruficapilla*	Nashville warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	Previously Oreothlypis ruficapilla
	I-VPTS	*Lepidurus packardi*	vernal pool tadpole shrimp	FE/None		Invertebrates	INVERTEBRATES	Tadpole Shrimp	TADPOLE SHRIMP	Triopsidae	TRIOPSIDAE	TADPOLE SHRIMP	TRIOPSIDAE—TADPOLE SHRIMP	Added per Heather's request 10.7.21
	F-GRSU	*Lepomis cyanellus*	green sunfish	None/None	*	Fishes	FISHES	Sunfishes & Freshwater Bas	SUNFISHES & FRESHWATER	Centrarchidae	CENTRARCHIDAE	SUNFISHES	CENTRARCHIDAE—SUNFISHES	
	I-MABL	*Leptotes marina*	marine blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	M-BTJR	*Lepus californicus*	black-tailed jackrabbit	None/None		Mammals	MAMMALS	Hares & Rabbits	HARES & RABBITS	Leporidae	LEPORIDAE	HARES & RABBITS	LEPORIDAE—HARES & RABBITS	
	M-SDJR	*Lepus californicus bennettii*	San Diego black-tailed jackrabbit	None/SSC		Mammals	MAMMALS	Hares & Rabbits	HARES & RABBITS	Leporidae	LEPORIDAE	HARES & RABBITS	LEPORIDAE—HARES & RABBITS	
	I-EUSK	*Lerodea eufala*	Eufala skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	F-CAGR	*Leuresthes tenuis*	California grunion	None/None		Fishes	FISHES	New World Silversides	NEW WORLD SILVERSIDES	Atheriniopsidae	ATHERINIOPSIDAE	NEW WORLD SILVERSIDES	ATHERINIOPSIDAE—NEW WORLD SILVERSIDES	
	I-NESK	*Libellula croceipennis*	neon skimmer	None/None		Invertebrates	INVERTEBRATE	Dragonflies & Damselflies	DRAGONFLIES AND DAMSEL	Libellulidae	LIBELLULIDAE	SKIMMERS, EMERALDS, AND BASKETTAILS,	LIBELLULIDAE—SKIMMERS, EMERALDS, AND BASKETTAILS, AND CRUISERS	
	I-AMSN	*Libytheana carinenta*	American snout	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	R-ROBO	*Lichanura orcutti*	rosy boa	None/None		Reptiles	REPTILES	Snakes	SNAKES	Boidae	BOIDAE	BOAS	BOIDAE—BOAS	Corrected from three-lined boa, which isn't in CA per CalHerps on 4.11.19
	I-LOAD	*Limenitis lorquini*	Lorquin's admiral	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	B-SBDO	*Limnodromus griseus*	short-billed dowitcher	BCC/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-LBDO	*Limnodromus scolopaceus*	long-billed dowitcher	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-MAGO	*Limosa fedoa*	marbled godwit	BCC/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	I-ARAN	*Linepithema humile*	Argentine ant	None/None	*	Invertebrates	INVERTEBRATES	Ants	ANTS	Formicidae	FORMICIDAE	ANTS	FORMICIDAE—ANTS	
	A-AMBU	*Lithobates catesbeianus*	American bullfrog	None/None	*	Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	B-SBMU	*Lonchura punctulata*	scaly-breasted munia	None/None	*	Birds	BIRDS	Waxbills	WAXBILLS	Estrildidae	ESTRILDIDAE	WAXBILLS	ESTRILDIDAE—WAXBILLS	Added Oct 2016 because included in the kerata lookup table; aka nutmeg mannikin or spice finch
	M-NARO	*Lontra canadensis*	North American river otter	None/None		Mammals	MAMMALS	Mustelids	MUSTELIDS	Mustelidae	MUSTELIDAE	WEASELS, SKUNKS, & OTTERS	MUSTELIDAE—WEASELS, SKUNKS, & OTTERS	
	B-HOME	*Lophodytes cucullatus*	hooded merganser	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-RECR	*Loxia curvirostra*	red crossbill	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & ALLIES	
	I-MEBL	*Lycaeides melissa*	Melissa blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-TACO	*Lycaena arota*	tailed copper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-GOCO	*Lycaena gorgon*	Gorgon copper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-PUCO	*Lycaena helloides*	purplish copper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-HECO	*Lycaena hermes*	Hermes copper	FPT/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	"Hermes copper butterfly" per Special Animals list (Oct2016), but "Hermes copper" per NABA
	I-GRCO	*Lycaena xanthoides*	great copper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	M-BOBC	*Lynx rufus*	bobcat	None/None		Mammals	MAMMALS	Cats	CATS	Felidae	FELIDAE	CATS	FELIDAE—CATS	
	M-CLBA	*Macrotus californicus*	Californian leaf-nosed bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Phyllostomidae	PHYLLOSTOMIDAE	LEAF-NOSED BATS	PHYLLOSTOMIDAE—LEAF-NOSED BATS	California leaf-nosed bat in Oct 2016 SA list.
	B-AMWI	*Mareca americana*	American wigeon	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-EUWI	*Mareca penelope*	Eurasian wigeon	None/None	*	Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-GADW	*Mareca strepera*	gadwall	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-BEKI	*Megaceryle alcyon*	belted kingfisher	None/None		Birds	BIRDS	Kingfishers	KINGFISHERS	Alcedinidae	ALCEDINIDAE	KINGFISHERS	ALCEDINIDAE—KINGFISHERS	
	B-WESO	*Megascops kennicottii*	western screech-owl	None/None		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	I-YGSK	*Megathymus yuccae*	yucca giant-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-HGSK	*Megathymus yuccae harbisoni*	Harbison giant skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	Not in NABA (2016), but on the SDNHM list
	I-MGSK	*Megathymus yuccae martini*	Martin's giant skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	Not in NABA (2016), but on the SDNHM list
X	B-ACWO	*Melanerpes formicivorus*	acorn woodpecker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	B-LEWO	*Melanerpes lewis*	Lewis's woodpecker	BCC/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	"Lewis's woodpecker" per AOU (versus "Lewis' woodpecker" per SA list)
	B-GIWO	*Melanerpes uropygialis*	Gila woodpecker	BCC/SE		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	B-BLSC	*Melanitta americana*	black scoter	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-WWSC	*Melanitta deglandi*	white-winged scoter	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	Previously Melanitta fusca
	B-SUSC	*Melanitta perspicillata*	surf scoter	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-WITU	*Meleagris gallopavo*	wild turkey	None/None		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD WO	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	B-LISP	*Melospiza lincolnii*	Lincoln's sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-SOSP	*Melospiza melodia*	song sparrow	None/SSC		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-ALSS	*Melospiza melodia pusillula*	Alameda song sparrow	BCC/SSC		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	Added 7.13.21
	B-SBSS	*Melospiza melodia samuelis*	San Pablo song sparrow	BCC/SSC		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	Added 7.13.21
	B-ABTO	*Melozone aberti*	Abert's towhee	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-CALT	*Melozone crissalis*	California towhee	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	M-STSK	*Mephitis mephitis*	striped skunk	None/None		Mammals	MAMMALS	Mustelids	MUSTELIDS	Mephitidae	MEPHITIDAE	SKUNKS	MEPHITIDAE—SKUNKS	
	B-COME	*Mergus merganser*	common merganser	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-RBME	*Mergus serrator*	red-breasted merganser	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	F-LMBA	*Micropterus salmoides*	largemouth bass	None/None	*	Fishes	FISHES	Sunfishes & Freshwater Bas	SUNFISHES & FRESHWATER	Centrarchidae	CENTRARCHIDAE	SUNFISHES	CENTRARCHIDAE—SUNFISHES	
	M-CAVO	*Microtus californicus*	California vole	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	
	M-LTVO	*Microtus longicaudus*	long-tailed vole	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Fomerly coast horned lizard (P. coronatum)
	B-NOMO	*Mimus polyglottos*	northern mockingbird	None/None		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHE	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	
	I-LEMI	*Ministrymon leda*	Leda ministreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-BHCO	*Molothrus ater*	brown-headed cowbird	None/None	*	Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALL	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	M-HOMO	*Mus musculus*	house mouse	None/None	*	Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Muridae	MURIDAE	RATS, MICE, & VOLES	MURIDAE—RATS, MICE, & VOLES	
	M-DOFE	*Mustela furo*	domestic ferret	None/None	*	Mammals	MAMMALS	Domestic	DOMESTIC	Mustelidae	MUSTELIDAE	WEASELS, SKUNKS, & OTTERS	MUSTELIDAE—WEASELS, SKUNKS, & OTTERS	*Previously Mustela putorius furo*
	B-TOSO	*Myadestes townsendi*	Townsend's solitaire	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-WOST	*Mycteria americana*	wood stork	None/SSC		Birds	BIRDS	Storks & Wood Ibises	STORKS & WOOD IBISES	Ciconiidae	CICONIIDAE	STORKS	CICONIIDAE—STORKS	
	B-ATFL	*Myiarchus cinerascens*	ash-throated flycatcher	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	F-HARD	*Mylopharodon conocephalus*	hardhead	None/SSC		Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	
	M-CAMY	*Myotis californicus*	California myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	Previously "Californian myotis". Common name updated per Mammal Biodiversity Database 7.16.21.
	M-WSMY	*Myotis ciliolabrum*	western small-footed myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	includes Myotis melanorhinus
	M-LEMY	*Myotis evotis*	long-eared myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-ESMY	*Myotis leibii*	eastern small-footed myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-LBMY	*Myotis lucifugus*	Eastern little brown myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	little brown bat in Oct 2016 SA list; previously "little brown myotis"; common name updated per Mammal Biodiversity Database 7.16.21
	M-FRMY	*Myotis thysanodes*	fringed myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-LLMY	*Myotis volans*	long-legged myotis	None/None		Mammals	MAMMAL	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	M-YUMY	*Myotis yumanensis*	Yuma myotis	None/None		Mammals	MAMMALS	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	B-DCCO	*Nannopterum auritus*	double-crested cormorant	None/WL		Birds	BIRDS	Cormorants	CORMORANTS	Phalacrocoracidae	PHALACROCORACIDAE	CORMORANTS	PHALACROCORACIDAE—CORMORANTS	Previously Phalacrocorax auritus. Updated 7.12.21 per AOS supplement.
	I-DASU	*Nathalis iole*	dainty sulphur	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	M-LTWE	*Neogale frenata*	long-tailed weasel	None/None		Mammals	MAMMALS	Mustelids	MUSTELIDS	Mustelidae	MUSTELIDAE	WEASELS, SKUNKS, & OTTERS	MUSTELIDAE—WEASELS, SKUNKS, & OTTERS	Previously Mustela frenata
	M-MECH	*Neotamias merriami*	Merriam's chipmunk	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	*Previously Tamias merriami*
	M-CACH	*Neotamias obscurus*	California chipmunk	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	Previously Tamias obscurus
	M-LOCH	*Neotamias speciosus*	lodgepole chipmunk	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	*Previously Tamias speciosus*
	M-WTWO	*Neotoma albigula*	white-throated woodrat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-DFWO	*Neotoma fuscipes*	dusky-footed woodrat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-DEWO	*Neotoma lepida*	desert woodrat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-SDWO	*Neotoma lepida intermedia*	San Diego desert woodrat	None/SSC		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	
	M-BEWO	*Neotoma macrotis*	big-eared woodrat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Added per email exchange Feb 2017
	M-WORA	*Neotoma sp.*	woodrat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Added per email exchange Feb 2017
	M-DGSH	*Notiosorex crawfordi*	desert gray shrew	None/None		Mammals	MAMMALS	Shrews	SHREWS	Soricidae	SORICIDAE	SHREWS	SORICIDAE—SHREWS	Previously "Crawford's gray shrew". Common name updated per Mammal Biodiversity Database 7.16.21.
	B-CLNU	*Nucifraga columbiana*	Clark's nutcracker	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	
	B-LBCU	*Numenius americanus*	long-billed curlew	None/WL		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-WHIM	*Numenius phaeopus*	whimbrel	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-YCNH	*Nyctanassa violacea*	yellow-crowned night-heron	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	B-BCNH	*Nycticorax nycticorax*	black-crowned night-heron	None/None		Birds	BIRDS	Herons & Bitterns	HERONS & BITTERNS	Ardeidae	ARDEIDAE	HERONS, BITTERNS, & ALLIES	ARDEIDAE—HERONS, BITTERNS, & ALLIES	
	M-PFBA	*Nyctinomops femorosaccus*	pocketed free-tailed bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Molossidae	MOLOSSIDAE	FREE-TAILED BATS	MOLOSSIDAE—FREE-TAILED BATS	
	M-BFBA	*Nyctinomops macrotis*	big free-tailed bat	None/SSC		Mammals	MAMMALS	Bats	BATS	Molossidae	MOLOSSIDAE	FREE-TAILED BATS	MOLOSSIDAE—FREE-TAILED BATS	
	I-MOCL	*Nymphalis antiopa*	mourning cloak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-CATO	*Nymphalis californica*	California tortoiseshell	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-MITO	*Nymphalis milberti*	Milbert's tortoiseshell	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-RUSK	*Ochlodes agricola*	rural skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	aka Pacific kangaroo rat
	I-WOSK	*Ochlodes sylvanoides*	woodland skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	M-MUDE	*Odocoileus hemionus*	mule deer	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Cervidae	CERVIDAE	DEERS	CERVIDAE—DEERS	
	F-SRTR	*Oncorhynchus mykiss*	steelhead rainbow trout	None/None		Fishes	FISHES	Salmon & Trouts	SALMON & TROUTS	Salmonidae	SALMONIDAE	SALMON & TROUTS	SALMONIDAE—SALMON & TROUTS	
	M-COMU	*Ondatra zibethicus*	common muskrat	None/None	*	Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-GRMO	*Onychomys torridus*	southern grasshopper mouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-SGMO	*Onychomys torridus ramona*	southern grasshopper mouse	None/SSC		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-TGMO	*Onychomys torridus tularensis*	Tulare grasshopper mouse	None/SSC		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Added Oct 2016 because included in the kerata lookup table; no common name in Wilson and Reeder
	B-MOQU	*Oreortyx pictus*	mountain quail	None/None		Birds	BIRDS	New World Quail	NEW WORLD QUAIL	Odontophoridae	ODONTOPHORIDAE	NEW WORLD QUAIL	ODONTOPHORIDAE—NEW WORLD QUAIL	
	B-SATH	*Oreoscoptes montanus*	sage thrasher	BCC/None		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHE	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	
	M-CAGS	*Otospermophilus beecheyi*	California ground squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	*Previously Spermophilus beecheyi*
	M-NEBI	*Ovis canadensis nelsoni*	Nelson's bighorn sheep	None/FP		Mammals	MAMMALS	Ungulates	UNGULATES	Bovidae	BOVIDAE	BISON, GOATS & SHEEP	BOVIDAE—BISON, GOATS & SHEEP	Common name per Wilson and Reeder (2006), not special animals list
	M-PEBI	*Ovis canadensis nelsoni pop. 2*	Peninsular bighorn sheep DPS	None/None		Mammals	MAMMALS	Ungulates	UNGULATES	Bovidae	BOVIDAE	BISON, GOATS & SHEEP	BOVIDAE—BISON, GOATS & SHEEP	Common and scientific names match CNDDB (as of 7.16.21)
	B-RUDU	*Oxyura jamaicensis*	ruddy duck	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	I-BLDA	*Pachydiplax longipennis*	blue dasher	None/None		Invertebrates	INVERTEBRATE	Dragonflies & Damselflies	DRAGONFLIES AND DAMSEL	Libellulidae	LIBELLULIDAE	SKIMMERS, EMERALDS, AND BASKETTAILS,	LIBELLULIDAE—SKIMMERS, EMERALDS, AND BASKETTAILS, AND CRUISERS	
	I-SICR	*Pacifastacus leniusculus*	signal crayfish	None/None		Invertebrates	INVERTEBRATES	Crayfish	CRAYFISH	Astacidae	ASTACIDAE	FRESHWATER CRAYFISH	ASTACIDAE—FRESHWATER CRAYFISH	
	B-OSPR	*Pandion haliaetus*	osprey	None/WL		Birds	BIRDS	Hawks	HAWKS	Pandionidae	PANDIONIDAE	OSPREYS	PANDIONIDAE—OSPREYS	
	I-WASK	*Panoquina errans*	wandering skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	wandering (=saltmarsh) skipper in Oct 2016 SA list.
	I-GISW	*Papilio cresphontes*	giant swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	I-PASW	*Papilio eurymedon*	pale swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	I-INSW	*Papilio indra*	Indra swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	I-TTSW	*Papilio multicaudata*	two-tailed swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	

	I-DBSW	*Papilio polyxenes coloro*	desert black swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	I-WTSW	*Papilio rutulus*	western tiger swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	I-ANSW	*Papilio zelicaon*	anise swallowtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Papilionidae	PAPILIONIDAE	SWALLOWTAILS	PAPILIONIDAE—SWALLOWTAILS	
	M-CABA	*Parastrellus hesperus*	canyon bat	None/None		Mammals	MAMMAL	Bats	BATS	Vespertilionidae	VESPERTILIONIDAE	EVENING BATS	VESPERTILIONIDAE—EVENING BATS	
	B-HOSP	*Passer domesticus*	house sparrow	None/None	*	Birds	BIRDS	Old World Sparrows	OLD WORLD SPARROWS	Passeridae	PASSERIDAE	OLD WORLD SPARROWS	PASSERIDAE—OLD WORLD SPARROWS	
	B-SAVS	*Passerculus sandwichensis*	savannah sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-BSSP	*Passerculus sandwichensis beldingi*	Belding's savannah sparrow	BCC/SE		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-FOSP	*Passerella iliaca*	fox sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-LAZB	*Passerina amoena*	lazuli bunting	None/None		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	B-BLGR	*Passerina caerulea*	blue grosbeak	None/None		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	B-BTPI	*Patagioenas fasciata*	band-tailed pigeon	None/None		Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	
	B-INPE	*Pavo cristatus*	Indian peafowl	None/None	*	Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD V	eBird includes a lot of peafowl reports from the LA area. Added to this compendium 8.9.21.
	B-AWPE	*Pelecanus erythrorhynchos*	American white pelican	BCC/SSC		Birds	BIRDS	Pelicans	PELICANS	Pelecanidae	PELECANIDAE	PELICANS	PELECANIDAE—PELICANS	
	B-BRPE	*Pelecanus occidentalis*	brown pelican	None/None		Birds	BIRDS	Pelicans	PELICANS	Pelecanidae	PELECANIDAE	PELICANS	PELECANIDAE—PELICANS	
	I-TAHA	*Pepsis sp.*	tarantula hawk	None/None		Invertebrates	INVERTEBRATE	Tarantula Hawks	TARANTULA HAWKS	Pompilidae	POMPILIDAE	SPIDER WASPS	POMPILIDAE—SPIDER WASPS	
	B-GRAP	*Perdix perdix*	gray partridge	None/None		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	M-WEPM	*Perognathus alticola*	white-eared pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	Previously Perognathus alticolus
	M-WEPA	*Perognathus alticolus alticolus*	white-eared pocket mouse	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-TEPM	*Perognathus alticolus inexpectatus*	Tehachapi pocket mouse	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-SJPM	*Perognathus inornatus*	San Joaquin pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-LIPM	*Perognathus longimembris*	little pocket mouse	None/None		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-PSPM	*Perognathus longimembris bangsi*	Palm Springs pocket mouse	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-LAPM	*Perognathus longimembris brevinasus*	Los Angeles pocket mouse	None/SSC		Mammals	MAMMALS	Pocket Mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-PAPM	*Perognathus longimembris pacificus*	Pacific pocket mouse	FE/SSC		Mammals	MAMMALS	pocket mice	POCKET MICE	Heteromyidae	HETEROMYIDAE	POCKET MICE & KANGAROO RATS	HETEROMYIDAE—POCKET MICE & KANGAROO RATS	
	M-BRDM	*Peromyscus boylii*	brush deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-CADM	*Peromyscus californicus*	California deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-CAYD	*Peromyscus crinitus*	canyon deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-CCDM	*Peromyscus eremicus*	cactus deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	M-EADM	*Peromyscus maniculatus*	eastern deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder. Previously "North American deermouse"; Common name updated per Mammal Biodiversity Database 7.16.21.
	M-PIDM	*Peromyscus truei*	pinyon deermouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder. Previously "piñon deermouse"; Common name updated per Mammal Biodiversity Database 7.16.21.
	B-CLSW	*Petrochelidon pyrrhonota*	cliff swallow	None/None		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	R-MERL	*Petrosaurus mearnsi*	Mearns's rock lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	Updated sci and common name per Crother (2017)
	B-PHAI	*Phainopepla nitens*	phainopepla	None/None		Birds	BIRDS	Silky Flycatchers	SILKY FLYCATCHERS	Ptilogonatidae	PTILOGONATIDAE	SILKY-FLYCATCHERS	PTILOGONATIDAE—SILKY-FLYCATCHERS	
	B-COPO	*Phalaenoptilus nuttallii*	common poorwill	None/None		Birds	BIRDS	Goatsuckers	GOATSUCKERS	Caprimulgidae	CAPRIMULGIDAE	GOATSUCKERS	CAPRIMULGIDAE—GOATSUCKERS	
	B-RNPH	*Phalaropus lobatus*	red-necked phalarope	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-WIPH	*Phalaropus tricolor*	Wilson's phalarope	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-BHGR	*Pheucticus melanocephalus*	black-headed grosbeak	None/None		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	I-SOBL	*Philotes sonorensis*	Sonoran blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-SMBL	*Philotiella speciosa*	small blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-CLSU	*Phoebis sennae*	cloudless sulphur	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-COSC	*Pholisora catullus*	common sootywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	R-BLHL	*Phrynosoma blainvillii*	Blainville's horned lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	villii - San Diego Horned Lizard Phrynosoma coronatum frontale - California Horned Lizard; common name per Crother (2014)
	R-FTHL	*Phrynosoma mcallii*	flat-tailed horned lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	R-DHLI	*Phrynosoma platyrhinos*	desert horned lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	I-FICR	*Phyciodes campestris*	field crescent	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-MYCR	*Phyciodes mylitta*	Mylitta crescent	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-PHCR	*Phyciodes phaon*	Phaon crescent	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-TECR	*Phyciodes texana*	Texan crescent	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	R-PLTG	*Phyllodactylus nocticolus*	Peninsula leaf-toed gecko	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Gekkonidae	GEKKONIDAE	GECKOS	GEKKONIDAE—GECKOS	
	R-SLNS	*Phyllorhynchus decurtatus*	spotted leaf-nosed snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-BBMA	*Pica hudsonia*	black-billed magpie	None/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	Added Jan 2020
	B-YBMA	*Pica nuttalli*	yellow-billed magpie	BCC/None		Birds	BIRDS	Jays, Magpies & Crows	JAYS, MAGPIES & CROWS	Corvidae	CORVIDAE	CROWS & JAYS	CORVIDAE—CROWS & JAYS	Added Jan 2020
	I-CAWH	*Pieris rapae*	cabbage white	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	B-GTTO	*Pipilo chlorurus*	green-tailed towhee	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-SPTO	*Pipilo maculatus*	spotted towhee	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-WETA	*Piranga ludoviciana*	western tanager	None/None		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	B-SUTA	*Piranga rubra*	summer tanager	None/SSC		Birds	BIRDS	Cardinals, Grosbeaks & Allie	CARDINALS, GROSBEAKS & A	Cardinalidae	CARDINALIDAE	CARDINALS & ALLIES	CARDINALIDAE—CARDINALS & ALLIES	
	R-GOPH	*Pituophis catenifer*	gophersnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	I-SEBL	*Plebejus emigdionis*	San Emigdio blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-LUBL	*Plebejus lupini*	lupine blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-GRBL	*Plebejus saepiolus*	greenish blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-WFIB	*Plegadis chihi*	white-faced ibis	None/WL		Birds	BIRDS	Ibises & Spoonbills	IBISES & SPOONBILLS	Threskiornithidae	THRESKIORNITHIDAE	IBISES & SPOONBILLS	THRESKIORNITHIDAE—IBISES & SPOONBILLS	
	B-GLIB	*Plegadis falcinellus*	glossy ibis	None/None		Birds	BIRDS	Ibises & Spoonbills	IBISES & SPOONBILLS	Threskiornithidae	THRESKIORNITHIDAE	IBISES & SPOONBILLS	THRESKIORNITHIDAE—IBISES & SPOONBILLS	
	I-SGBL	*Plejebus saepiolus aureolus*	San Gabriel Mountains blue	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	Not in NABA (2015), but on the Special Animals list (CDFW 2016)
	R-GISK	*Plestiodon gilberti*	Gilbert's skink	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Scincidae	SCINCIDAE	SKINKS	SCINCIDAE—SKINKS	
	R-WESK	*Plestiodon skiltonianus*	western skink	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Scincidae	SCINCIDAE	SKINKS	SCINCIDAE—SKINKS	
	R-COSK	*Plestiodon skiltonianus interparietalis*	Coronado skink	None/WL		Reptiles	REPTILES	Lizards	LIZARDS	Scincidae	SCINCIDAE	SKINKS	SCINCIDAE—SKINKS	Added Oct 2016 because included in the kerata lookup table.
	B-BBPL	*Pluvialis squatarola*	black-bellied plover	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Charadriidae	CHARADRIIDAE	LAPWINGS & PLOVERS	CHARADRIIDAE—LAPWINGS & PLOVERS	
	I-UMSK	*Poanes melane*	umber skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-HOGR	*Podiceps auritus*	horned grebe	None/None		Birds	BIRDS	Grebes	GREBES	Podicipedidae	PODICIPEDIDAE	GREBES	PODICIPEDIDAE—GREBES	
	B-EAGR	*Podiceps nigricollis*	eared grebe	None/None		Birds	BIRDS	Grebes	GREBES	Podicipedidae	PODICIPEDIDAE	GREBES	PODICIPEDIDAE—GREBES	
	B-PBGR	*Podilymbus podiceps*	pied-billed grebe	None/None		Birds	BIRDS	Grebes	GREBES	Podicipedidae	PODICIPEDIDAE	GREBES	PODICIPEDIDAE—GREBES	
	B-MOCH	*Poecile gambeli*	mountain chickadee	None/None		Birds	BIRDS	Titmice	TITMICE	Paridae	PARIDAE	CHICKADEES & TITMICE	PARIDAE—CHICKADEES & TITMICE	
	B-CBCH	*Poecile rufescens*	chestnut-backed chickadee	None/None		Birds	BIRDS	Titmice	TITMICE	Paridae	PARIDAE	CHICKADEES & TITMICE	PARIDAE—CHICKADEES & TITMICE	Added Oct 2016 because included in the kerata lookup table.
	B-NCBC	*Poecile rufescens rufescens*	Northern chestnut-backed chickade	BCC/None		Birds	BIRDS	Titmice	TITMICE	Paridae	PARIDAE	CHICKADEES & TITMICE	PARIDAE—CHICKADEES & TITMICE	Added 7.12.21 because this subspecies is on the USFWS BCC list.
	B-BGGN	*Polioptila caerulea*	blue-gray gnatcatcher	None/None		Birds	BIRDS	Old World Warblers & Gnat	OLD WORLD WARBLERS & GN	Polioptilidae	POLIOPTILIDAE	GNATCATCHERS	POLIOPTILIDAE—GNATCATCHERS	
	B-CAGN	*Polioptila californica californica*	coastal California gnatcatcher	FT/SSC		Birds	BIRDS	Old World Warblers & Gnat	OLD WORLD WARBLERS & GN	Polioptilidae	POLIOPTILIDAE	GNATCATCHERS	POLIOPTILIDAE—GNATCATCHERS	
	B-BTGN	*Polioptila melanura*	black-tailed gnatcatcher	None/WL		Birds	BIRDS	Old World Warblers & Gnat	OLD WORLD WARBLERS & GN	Polioptilidae	POLIOPTILIDAE	GNATCATCHERS	POLIOPTILIDAE—GNATCATCHERS	
	I-SASK	*Polites sabuleti*	sandhill skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-ZHCO	*Polygonia gracilis zephyrus*	Zephyr hoary comma	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-SACO	*Polygonia satyrus*	satyr comma	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-HASK	*Polygonus leo*	hammock skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	F-BLCR	*Pomoxis nigromaculatus*	black crappie	None/None		Fishes	FISHES	Ray-finned fishes	RAY-FINNED FISHES	Centrarchidae	CENTRARCHIDAE	SUNFISHES	CENTRARCHIDAE—SUNFISHES	
	I-BEWH	*Pontia beckerii*	Becker's white	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-CHWH	*Pontia protodice*	checkered white	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	I-SPWH	*Pontia sisymbrii*	spring white	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Pieridae	PIERIDAE	WHITES & SULFURS	PIERIDAE—WHITES & SULFURS	
	B-VESP	*Pooecetes gramineus*	vesper sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	Oregon vesper sparrow (Pooecetes gramineus affinis) is USFWS BCC.
	B-SORA	*Porzana carolina*	sora	None/None		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	I-RSCR	*Procambarus clarkii*	red swamp crayfish	None/None	*	Invertebrates	INVERTEBRATES	Crayfish	CRAYFISH	Cambaridae	CAMBARIDAE	FRESHWATER CRAYFISH	CAMBARIDAE—FRESHWATER CRAYFISH	
	C-CRAY	*Procambarus sp.*	crayfish	None/None		Invertebrates	INVERTEBRATES	Crayfish	CRAYFISH	Cambaridae	CAMBARIDAE	FRESHWATER CRAYFISH	CAMBARIDAE—FRESHWATER CRAYFISH	
	M-NORA	*Procyon lotor*	northern raccoon	None/None		Mammals	MAMMALS	Raccoons	RACCOONS	Procyonidae	PROCYONIDAE	RACCOONS & RELATIVES	PROCYONIDAE—RACCOONS & RELATIVES	Previously "raccoon". Common name updated per Mammal Biodiversity Database 7.16.21.
	B-PUMA	*Progne subis*	purple martin	None/SSC		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	B-BUSH	*Psaltriparus minimus*	bushtit	None/None		Birds	BIRDS	Bushtits	BUSHTITS	Aegithalidae	AEGITHALIDAE	LONG-TAILED TITS & BUSHTITS	AEGITHALIDAE—LONG-TAILED TITS & BUSHTITS	Otospermophilus (Helgen et al. 2009)
	A-CATR	*Pseudacris cadaverina*	California treefrog	None/None		Amphibians	AMPHIBIANS	Frogs	FROGS	Hylidae	HYLIDAE	TREEFROGS	HYLIDAE—TREEFROGS	
	A-BCTR	*Pseudacris hypochondriaca*	Baja California treefrog	None/None		Amphibians	AMPHIBIANS	Frogs	FROGS	Hylidae	HYLIDAE	TREEFROGS	HYLIDAE—TREEFROGS	
	A-SITF	*Pseudacris sierra*	Sierran treefrog	None/None		Amphibians	AMPHIBIANS	Frogs	FROGS	Hylidae	HYLIDAE	TREEFROGS	HYLIDAE—TREEFROGS	
	I-ALSK	*Pseudocopaeodes eunus eunus*	alkali skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	At species level in NABA (2015), but at subspecies level on the Special Animals list (CDFW 2016)
	I-WOBB	*Pseudopityophthorus pubipennis*	western oak bark beetle	None/None	*	Invertebrates	INVERTEBRATES	Snout and Bark Beetles	SNOUT AND BARK BEETLES	Curculionidae	CURCULIONIDAE	SNOUT AND BARK BEETLES	CURCULIONIDAE—SNOUT AND BARK BEETLES	
	B-FLOW	*Psiloscops flammeolus*	flammulated owl	BCC/None		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	previously Otus flammeolus
	F-COPI	*Ptychocheilus lucius*	Colorado pikeminnow	FE/FP, SE		Fishes	FISHES	Minnows & Carps	MINNOWS & CARPS	Cyprinidae	CYPRINIDAE	MINNOWS & CARPS	CYPRINIDAE—MINNOWS & CARPS	Added Oct 2016 because included in the kerata lookup table.
	M-MOLI	*Puma concolor*	puma	None/None		Mammals	MAMMALS	Cats	CATS	Felidae	FELIDAE	CATS	FELIDAE—CATS	Previously cougar. Common name updated per Mammal Biodiversity Database 7.16.21
	I-WCSK	*Pyrgus albescens*	white checkered-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-LMSK	*Pyrgus ruralis lagunae*	Laguna Mountains skipper	FE/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	Not in NABA (2015), but on the SDNHM list
	I-SCSK	*Pyrgus scriptura*	small checkered-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-VEFL	*Pyrocephalus rubinus*	vermilion flycatcher	None/SSC		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-GTGR	*Quiscalus mexicanus*	great-tailed grackle	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	B-VIRA	*Rallus limicola*	Virginia rail	None/None		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	
	B-RIRA	*Rallus obsoletus levipes*	light-footed Ridgway's rail	FE/FP, SE		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	Previously light-footed clapper rail (Rallus longirostris levipes)
	B-RRSF	*Rallus obsoletus obsoletus*	California Ridgeway's rail	FE/FP, SE		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	Previously clapper rail (Rallus longirostris)
	B-YRRA	*Rallus obsoletus yumanensis*	Yuma Ridgway's rail	FE/FP, ST		Birds	BIRDS	Rails, Gallinules & Coots	RAILS, GALLINULES & COOTS	Rallidae	RALLIDAE	RAILS, GALLINULES, & COOTS	RALLIDAE—RAILS, GALLINULES, & COOTS	Previously Yuma clapper rail (Rallus longirostris yumanensis)
	A-NRLF	*Rana aurora*	northern red-legged frog	None/SSC		Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	A-FYLF	*Rana boylii*	foothill yellow-legged frog	None/SSC, SE		Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	A-CRLF	*Rana draytonii*	California red-legged frog	FT/SSC		Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	A-MYLF	*Rana muscosa*	southern mountain yellow-legged fr	FE/SE, WL		Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	ecial Animals list (Oct2016) and Crother (2017); Previously mountain yellow-legged frog
	A-SYLF	*Rana sierrae*	Sierra Nevada yellow-legged frog	FE/ST, WL		Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	M-BRAT	*Rattus norvegicus*	brown rat	None/None	*	Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Muridae	MURIDAE	RATS, MICE, & VOLES	MURIDAE—RATS, MICE, & VOLES	
	M-RORA	*Rattus rattus*	roof rat	None/None	*	Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Muridae	MURIDAE	RATS, MICE, & VOLES	MURIDAE—RATS, MICE, & VOLES	
	B-AMAV	*Recurvirostra americana*	American avocet	BCC/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Recurvirostridae	RECURVIROSTRIDAE	STILTS & AVOCETS	RECURVIROSTRIDAE—STILTS & AVOCETS	
	B-GCKI	*Regulus satrapa*	golden-crowned kinglet	None/None		Birds	BIRDS	Kinglets	KINGLETS	Regulidae	REGULIDAE	KINGLETS	REGULIDAE—KINGLETS	
	M-WHMO	*Reithrodontomys megalotis*	western harvest mouse	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	R-WETH	*Rena humilis*	western threadsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Leptotyphlopidae	LEPTOTYPHLOPIDAE	SLENDER BLIND SNAKES	LEPTOTYPHLOPIDAE—SLENDER BLIND SNAKES	Common name from Crother (2017); previously southwestern threadsnake
	R-LNSN	*Rhinocheilus lecontei*	long-nosed snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-BANS	*Riparia riparia*	bank swallow	None/ST		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	B-BLSK	*Rynchops niger*	black skimmer	BCC/SSC		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	F-BRTR	*Salmo trutta*	brown trout	None/None		Fishes	FISHES	Salmon & Trouts	SALMON & TROUTS	Salmonidae	SALMONIDAE	SALMON & TROUTS	SALMONIDAE—SALMON & TROUTS	Added Oct 2016 because included in the kerata lookup table.
	B-ROWR	*Salpinctes obsoletus*	rock wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	R-WPNS	*Salvadora hexalepis*	western patch-nosed snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	I-GHHA	*Satyrium auretorum*	Gold-hunter's hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-CAHA	*Satyrium californica*	California hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	

	I-HEHA	*Satyrium saepium*	hedgerow hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-SYHA	*Satyrium sylvinus*	sylvan hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-MMHA	*Satyrium tetra*	mountain mahogany hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	R-CHUC	*Sauromalus ater*	common chuckwalla	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Iguanidae	IGUANIDAE	IGUANID LIZARDS	IGUANIDAE—IGUANID LIZARDS	
	B-BLPH	*Sayornis nigricans*	black phoebe	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-SAPH	*Sayornis saya*	Say's phoebe	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	M-BFMO	*Scapanus latimanus*	northern broad-footed mole	None/None		Mammals	MAMMALS	Moles	MOLES	Talpidae	TALPIDAE	MOLES	TALPIDAE—MOLES	Previously "broad-footed mole". Common name updated per Mammal Biodiversity Database 7.16.21.
	A-COSP	*Scaphiopus couchii*	Couch's spadefoot	None/SSC		Amphibians	AMPHIBIANS	Toads	TOADS	Pelobatidae	PELOBATIDAE	SPADEFOOTS	PELOBATIDAE—SPADEFOOTS	
	R-CSLI	*Sceloporus graciosus*	common sagebrush lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	R-SSLI	*Sceloporus graciosus vandenburgianus*	southern sagebrush lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	Added Oct 2016 because included in the kerata lookup table.
	R-DSLI	*Sceloporus magister*	desert spiny lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	R-WFLI	*Sceloporus occidentalis*	western fence lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	R-GSLI	*Sceloporus orcutti*	granite spiny lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	M-WGSQ	*Sciurus griseus*	western gray squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	
	M-EFSQ	*Sciurus niger*	eastern fox squirrel	None/None	*	Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	
	B-CAHU	*Selasphorus calliope*	Calliope hummingbird	BCC/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	previously Stellula calliope, Selasphorus calliope
	B-RUHU	*Selasphorus rufus*	rufous hummingbird	BCC/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	
	B-ALHU	*Selasphorus sasin*	Allen's hummingbird	None/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	
	B-SELA	*Selasphorus sp.*	Allen's/rufous hummingbird	None/None		Birds	BIRDS	Hummingbirds	HUMMINGBIRDS	Trochilidae	TROCHILIDAE	HUMMINGBIRDS	TROCHILIDAE—HUMMINGBIRDS	
	B-YRWA	*Setophaga coronata*	yellow-rumped warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-YTWA	*Setophaga dominica*	yellow-throated warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-BTYW	*Setophaga nigrescens*	black-throated gray warbler	BCC/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-HEWA	*Setophaga occidentalis*	hermit warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-PAWA	*Setophaga palmarum*	palm warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	Added Dec 2016
	B-YWAR	*Setophaga petechia*	yellow warbler	None/SSC		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-TOWA	*Setophaga townsendi*	Townsend's warbler	None/None		Birds	BIRDS	Wood Warblers & Allies	WOOD WARBLERS & ALLIES	Parulidae	PARULIDAE	WOOD-WARBLERS	PARULIDAE—WOOD-WARBLERS	
	B-MOBL	*Sialia currucoides*	mountain bluebird	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-WEBL	*Sialia mexicana*	western bluebird	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	M-HCRA	*Sigmodon hispidus*	hispid cotton rat	None/None		Mammals	MAMMALS	Rats, Mice, & Voles	RATS, MICE, & VOLES	Cricetidae	CRICETIDAE	RATS, MICE, & VOLES	CRICETIDAE—RATS, MICE, & VOLES	Previously in Muridae, but Cricetidae per Wilson and Reeder.
	B-RBNU	*Sitta canadensis*	red-breasted nuthatch	None/None		Birds	BIRDS	Nuthatches	NUTHATCHES	Sittidae	SITTIDAE	NUTHATCHES	SITTIDAE—NUTHATCHES	
	B-WBNU	*Sitta carolinensis*	white-breasted nuthatch	None/None		Birds	BIRDS	Nuthatches	NUTHATCHES	Sittidae	SITTIDAE	NUTHATCHES	SITTIDAE—NUTHATCHES	
	B-SBWN	*Sitta carolinensis aculeata*	slender-billed white-breasted nutha	BCC/None		Birds	BIRDS	Nuthatches	NUTHATCHES	Sittidae	SITTIDAE	NUTHATCHES	SITTIDAE—NUTHATCHES	Added 7.12.21 because this subspecies is on the USFWS BCC list.
	B-PYNU	*Sitta pygmaea*	pygmy nuthatch	None/None		Birds	BIRDS	Nuthatches	NUTHATCHES	Sittidae	SITTIDAE	NUTHATCHES	SITTIDAE—NUTHATCHES	
	R-WEGR	*Sonora semiannualata*	western groundsnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	M-ORSH	*Sorex ornatus*	ornate shrew	None/None		Mammals	MAMMALS	Shrews	SHREWS	Soricidae	SORICIDAE	SHREWS	SORICIDAE—SHREWS	
	M-BLOS	*Sorex ornatus relictus*	Buena Vista Lake ornate shrew	FE/SSC		Mammals	MAMMALS	Shrews	SHREWS	Soricidae	SORICIDAE	SHREWS	SORICIDAE—SHREWS	Added Oct 2016 because included in the kerata lookup table; included in SA list, but not Wilson and Reeder.
	B-NSHO	*Spatula clypeata*	northern shoveler	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-CITE	*Spatula cyanoptera*	cinnamon teal	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	B-BWTE	*Spatula discors*	blue-winged teal	None/None		Birds	BIRDS	Waterfowl	WATERFOWL	Anatidae	ANATIDAE	DUCKS, GEESE, & SWANS	ANATIDAE—DUCKS, GEESE, & SWANS	
	A-WESP	*Spea hammondii*	western spadefoot	None/SSC		Amphibians	AMPHIBIANS	Toads	TOADS	Pelobatidae	PELOBATIDAE	SPADEFOOTS	PELOBATIDAE—SPADEFOOTS	
	I-COFR	*Speyeria callippe comstocki*	Comstock's fritillary	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2015), but on the Special Animals list (CDFW 2016)
	I-SEFR	*Speyeria coronis semiramis*	Semiramis fritillary	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2015), but on the SDNHM list
	B-RNSA	*Sphyrapicus nuchalis*	red-naped sapsucker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	B-RBSA	*Sphyrapicus ruber*	red-breasted sapsucker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	B-WISA	*Sphyrapicus thyroideus*	Williamson's sapsucker	None/None		Birds	BIRDS	Woodpeckers	WOODPECKERS	Picidae	PICIDAE	WOODPECKERS & ALLIES	PICIDAE—WOODPECKERS & ALLIES	
	M-SPSK	*Spilogale gracilis*	western spotted skunk	None/None		Mammals	MAMMALS	Mustelids	MUSTELIDS	Mephitidae	MEPHITIDAE	SKUNKS	MEPHITIDAE—SKUNKS	
	B-LAGO	*Spinus lawrencei*	Lawrence's goldfinch	BCC/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & ALLIES	
	B-PISI	*Spinus pinus*	pine siskin	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & ALLIES	
	B-LEGO	*Spinus psaltria*	lesser goldfinch	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & ALLIES	
	B-AMGO	*Spinus tristis*	American goldfinch	None/None		Birds	BIRDS	Finches	FINCHES	Fringillidae	FRINGILLIDAE	FRINGILLINE & CARDUELINE FINCHES & ALL	FRINGILLIDAE—FRINGILLINE & CARDUELINE FINCHES & ALLIES	
	B-BCSP	*Spizella atrogularis*	black-chinned sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-BRSP	*Spizella breweri*	Brewer's sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-CHSP	*Spizella passerina*	chipping sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-ATSP	*Spizelloides arborea*	American tree sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	I-GHSC	*Staphylus ceos*	golden-headed scallopwing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-NRWS	*Stelgidopteryx serripennis*	northern rough-winged swallow	None/None		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	B-FOTE	*Sterna forsteri*	Forster's tern	BCC/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-COTE	*Sterna hirundo*	common tern	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-LETE	*Sternula antillarum*	least tern	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-CLTE	*Sternula antillarum browni*	California least tern	FE/FP, SE		Birds	BIRD	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	Formerly Sternula antillarum browni
	C-RFSH	*Streptocephalus woottoni*	Riverside fairy shrimp	FE/None		Invertebrates	INVERTEBRATES	Fairy Shrimp	FAIRY SHRIMP	Streptocephalidae	STREPTOCEPHALIDAE	STREPTOCEPHALID BRINE SHRIMP	STREPTOCEPHALIDAE—STREPTOCEPHALID BRINE SHRIMP	
	B-SPDO	*Streptopelia chinensis*	spotted dove	None/None		Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	
	B-EUCD	*Streptopelia decaocto*	Eurasian collared-dove	None/None	*	Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	
	B-SPOW	*Strix occidentalis*	spotted owl	None/None		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	
	B-NSOW	*Strix occidentalis caurina*	northern spotted owl	FT/ST		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	Added 7.12.21 because California spotted owl is included on USFWS BCC list.
	B-CSOW	*Strix occidentalis occidentalis*	California spotted owl	BCC/SSC		Birds	BIRDS	Owls	OWLS	Strigidae	STRIGIDAE	TYPICAL OWLS	STRIGIDAE—TYPICAL OWLS	Added 7.12.21 because included on USFWS BCC list.
	I-MSHA	*Strymon istapa*	mallow scrub-hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	I-GRHA	*Strymon melinus*	gray hairstreak	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Lycaenidae	LYCAENIDAE	BLUES, HAIRSTREAKS, & COPPERS	LYCAENIDAE—BLUES, HAIRSTREAKS, & COPPERS	
	B-WEME	*Sturnella neglecta*	western meadowlark	None/None		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALLI	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
X	B-EUST	*Sturnus vulgaris*	European starling	None/None	*	Birds	BIRDS	Starlings & Allies	STARLINGS & ALLIES	Sturnidae	STURNIDAE	STARLINGS	STURNIDAE—STARLINGS	
	M-EWPI	*Sus scrofa*	Eurasian wild pig	None/None	*	Mammals	MAMMALS	Ungulates	UNGULATES	Suidae	SUIDAE	PIGS	SUIDAE—PIGS	previously M-WIPI. Previously "wild boar". Common name updated per Mammal Biodiversity Database 7.16.21.
	M-DECO	*Sylvilagus audubonii*	desert cottontail	None/None		Mammals	MAMMALS	Hares & Rabbits	HARES & RABBITS	Leporidae	LEPORIDAE	HARES & RABBITS	LEPORIDAE—HARES & RABBITS	
	M-BRRA	*Sylvilagus bachmani*	brush rabbit	None/None		Mammals	MAMMALS	Hares & Rabbits	HARES & RABBITS	Leporidae	LEPORIDAE	HARES & RABBITS	LEPORIDAE—HARES & RABBITS	
	I-TPSK	*Systasea pulverulenta*	Arizona powdered-skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-APSK	*Systasea zampa*	Arizona powdered skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-TRES	*Tachycineta bicolor*	tree swallow	None/None		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	B-VGSW	*Tachycineta thalassina*	violet-green swallow	None/None		Birds	BIRDS	Swallows	SWALLOWS	Hirundinidae	HIRUNDINIDAE	SWALLOWS	HIRUNDINIDAE—SWALLOWS	
	M-BRBA	*Tadarida brasiliensis*	Brazilian free-tailed bat	None/None		Mammals	MAMMALS	Bats	BATS	Molossidae	MOLOSSIDAE	FREE-TAILED BATS	MOLOSSIDAE—FREE-TAILED BATS	
	R-WBHS	*Tantilla planiceps*	western black-headed snake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	A-CANE	*Taricha torosa*	California newt	None/SSC		Amphibians	AMPHIBIANS	Salamanders	SALAMANDERS	Salamandridae	SALAMANDRIDAE	NEWTS	SALAMANDRIDAE—NEWTS	Coast Range newt in Oct 2016 SA list.
	M-AMBA	*Taxidea taxus*	American badger	None/SSC		Mammals	MAMMALS	Mustelids	MUSTELIDS	Mustelidae	MUSTELIDAE	WEASELS, SKUNKS, & OTTERS	MUSTELIDAE—WEASELS, SKUNKS, & OTTERS	
	B-ELTE	*Thalasseus elegans*	elegant tern	BCC/WL		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	B-ROYT	*Thalasseus maximus*	royal tern	None/None		Birds	BIRDS	Terns & Gulls	TERNS & GULLS	Laridae	LARIDAE	GULLS, TERNS, & SKIMMERS	LARIDAE—GULLS, TERNS, & SKIMMERS	
	R-AQGA	*Thamnophis atratus*	aquatic gartersnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-SIGA	*Thamnophis couchii*	Sierra gartersnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-GIGA	*Thamnophis gigas*	giant gartersnake	FT/ST		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	giant gartersnake in Oct 2016 SA list and Crother (2017); previously giant garter snake
	R-TSGS	*Thamnophis hammondii*	two-striped gartersnake	None/SSC		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-CHGA	*Thamnophis marcianus*	checkered gartersnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	R-COGA	*Thamnophis sirtalis*	common gartersnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	I-WRCH	*Thessalia leanira wrighti*	Wright's checkerspot	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	Not in NABA (2015), but on the SDNHM list
	M-BOPG	*Thomomys bottae*	Botta's pocket gopher	None/None		Mammals	MAMMALS	Pocket gophers	POCKET GOPHERS	Geomyidae	GEOMYIDAE	POCKET GOPHERS	GEOMYIDAE—POCKET GOPHERS	
	I-NOCL	*Thorybes pylades*	northern cloudywing	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
X	B-BEWR	*Thryomanes bewickii*	Bewick's wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	B-BETH	*Toxostoma bendirei*	Bendire's thrasher	BCC/SSC		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHEF	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	Added Oct 2016 because included in the kerata lookup table.
	B-CRTH	*Toxostoma crissale*	Crissal thrasher	None/SSC		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHEF	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	
	B-LCTH	*Toxostoma lecontei*	LeConte's thrasher	BCC/SSC		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHEF	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	
	B-CATH	*Toxostoma redivivum*	California thrasher	BCC/None		Birds	BIRDS	Mockingbirds & Thrashers	MOCKINGBIRDS & THRASHEF	Mimidae	MIMIDAE	MOCKINGBIRDS & THRASHERS	MIMIDAE—MOCKINGBIRDS & THRASHERS	
	R-POSL	*Trachemys scripta*	pond slider	None/None	*	Reptiles	REPTILES	Turtles	TURTLES	Emydidae	EMYDIDAE	BOX & WATER TURTLES	EMYDIDAE—BOX & WATER TURTLES	
	I-BLSA	*Tramea lacerata*	black saddlebags	None/None		Invertebrates	INVERTEBRATE	Dragonflies & Damselflies	DRAGONFLIES AND DAMSELF	Libellulidae	LIBELLULIDAE	SKIMMERS, EMERALDS, AND BASKETTAILS,	LIBELLULIDAE—SKIMMERS, EMERALDS, AND BASKETTAILS, AND CRUISERS	
	R-WELY	*Trimorphodon lyrophanes*	California lyresnake	None/None		Reptiles	REPTILES	Snakes	SNAKES	Colubridae	COLUBRIDAE	COLUBRID SNAKES	COLUBRIDAE—COLUBRID SNAKES	
	B-LEYE	*Tringa flavipes*	lesser yellowlegs	BCC/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-WATA	*Tringa incana*	wandering tattler	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-GRYE	*Tringa melanoleuca*	greater yellowlegs	None/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-WILL	*Tringa semipalmata*	willet	BCC/None		Birds	BIRDS	Shorebirds	SHOREBIRDS	Scolopacidae	SCOLOPACIDAE	SANDPIPERS, PHALAROPES, & ALLIES	SCOLOPACIDAE—SANDPIPERS, PHALAROPES, & ALLIES	
	B-HOWR	*Troglodytes aedon*	house wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	
	B-PAWR	*Troglodytes pacificus*	Pacific wren	None/None		Birds	BIRDS	Wrens	WRENS	Troglodytidae	TROGLODYTIDAE	WRENS	TROGLODYTIDAE—WRENS	Added May 2020
X	B-AMRO	*Turdus migratorius*	American robin	None/None		Birds	BIRDS	Thrushes	THRUSHES	Turdidae	TURDIDAE	THRUSHES	TURDIDAE—THRUSHES	
	B-CSTG	*Tympanuchus phasianellus columbianus*	Columbian sharp-tailed grouse	None/SSC		Birds	BIRDS	Quails, Pheasants & Relative	QUAILS, PHEASANTS & RELAT	Phasianidae	PHASIANIDAE	PARTRIDGES, GROUSE, TURKEYS, & OLD W	PHASIANIDAE—PARTRIDGES, GROUSE, TURKEYS, & OLD WORLD QUAIL	
	B-STFL	*Tyrannus forficatus*	scissor-tailed flycatcher	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	Added Jan 2020
	B-WEKI	*Tyrannus verticalis*	western kingbird	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-CAKI	*Tyrannus vociferans*	Cassin's kingbird	None/None		Birds	BIRDS	Flycatchers	FLYCATCHERS	Tyrannidae	TYRANNIDAE	TYRANT FLYCATCHERS	TYRANNIDAE—TYRANT FLYCATCHERS	
	B-BAOW	*Tyto alba*	barn owl	None/None		Birds	BIRDS	Owls	OWLS	Tytonidae	TYTONIDAE	BARN OWLS	TYTONIDAE—BARN OWLS	
	R-CFTL	*Uma inornata*	Coachella fringe-toed lizard	FT/SE		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	Coachella Valley fringe-toed lizard in Oct 2016 SA list.
	R-CDFL	*Uma notata*	Colorado Desert fringe-toed lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	Genus = Anaxyrus (Crother 2008)
	R-MFTL	*Uma scoparia*	Mohave fringe-toed lizard	None/SSC		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	Mojave fringe-toed lizard in Oct 2016 SA list.
	I-LTSK	*Urbanus proteus*	long-tailed skipper	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	I-PLLO	*Urbanus simplicius*	plain longtail	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Hesperiidae	HESPERIIDAE	SKIPPERS	HESPERIIDAE—SKIPPERS	
	B-PECO	*Urile pelagicus*	pelagic cormorant	None/None		Birds	BIRDS	Cormorants	CORMORANTS	Phalacrocoracidae	PHALACROCORACIDAE	CORMORANTS	PHALACROCORACIDAE—CORMORANTS	Previously Phalacrocorax pelagicus. Updated 7.12.21 per AOS supplement.
	B-BRAC	*Urile penicillatus*	Brandt's cormorant	BCC/None		Birds	BIRDS	Cormorants	CORMORANTS	Phalacrocoracidae	PHALACROCORACIDAE	CORMORANTS	PHALACROCORACIDAE—CORMORANTS	Previously Phalacrocorax penicillatus. Updated 7.12.21 per AOS supplement.
	M-NGFO	*Urocyon cinereoargenteus*	northern gray fox	None/None		Mammals	MAMMALS	Canids	CANIDS	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	Previously gray fox. Common name updated per Mammal Biodiversity Database 7.16.21
	R-LTBL	*Urosaurus graciosus*	long-tailed brush lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	R-BCBL	*Urosaurus nigricaudus*	Baja California brush lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	See note in Crother (2017)
	M-ABLB	*Ursus americanus*	American black bear	None/None		Mammals	MAMMALS	Bears	BEARS	Ursidae	URSIDAE	BEARS	URSIDAE—BEARS	
	R-CSBL	*Uta stansburiana*	common side-blotched lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Phrynosomatidae	PHRYNOSOMATIDAE	IGUANID LIZARDS	PHRYNOSOMATIDAE—IGUANID LIZARDS	
	I-WCLA	*Vanessa annabella*	west coast lady	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-READ	*Vanessa atalanta*	red admiral	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-PALA	*Vanessa cardui*	painted lady	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	
	I-AMLA	*Vanessa virginiensis*	American lady	None/None		Invertebrates	INVERTEBRATES	Butterflies	BUTTERFLIES	Nymphalidae	NYMPHALIDAE	BRUSH-FOOTED BUTTERFLIES	NYMPHALIDAE—BRUSH-FOOTED BUTTERFLIES	aka Virginia lady
	B-BEVI	*Vireo bellii*	Bell's vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	

	B-AZBV	*Vireo bellii arizonae*	Arizona Bell's vireo	None/SE		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-LBVI	*Vireo bellii pusillus*	least Bell's vireo	FE/SE		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-CAVI	*Vireo cassinii*	Cassin's vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	Added Oct 2016 because included in the kerata lookup table.
	B-WAVI	*Vireo gilvus*	warbling vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-HUVI	*Vireo huttoni*	Hutton's vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-PLVI	*Vireo plumbeus*	plumbeous vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-BHVI	*Vireo solitarius*	blue-headed vireo	None/None		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	B-GRVI	*Vireo vicinior*	gray vireo	None/SSC		Birds	BIRDS	Vireos	VIREOS	Vireonidae	VIREONIDAE	VIREOS	VIREONIDAE—VIREOS	
	M-DEKI	*Vulpes macrotis arsipus*	desert kit fox	None/None		Mammals	MAMMALS	Canids	CANIDS	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	
	M-SJKF	*Vulpes macrotis mutica*	San Joaquin kit fox	FE/ST		Mammals	MAMMALS	Canids	CANIDS	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	
	M-REFO	*Vulpes vulpes*	red fox	None/None	*	Mammals	MAMMALS	Canids	CANIDS	Canidae	CANIDAE	WOLVES & FOXES	CANIDAE—WOLVES & FOXES	
	B-YHBL	*Xanthocephalus xanthocephalus*	yellow-headed blackbird	None/SSC		Birds	BIRDS	Blackbirds, Orioles & Allies	BLACKBIRDS, ORIOLES & ALL	Icteridae	ICTERIDAE	BLACKBIRDS	ICTERIDAE—BLACKBIRDS	
	R-GNLI	*Xantusia henshawi*	granite night lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Xantusiidae	XANTUSIIDAE	NIGHT LIZARDS	XANTUSIIDAE—NIGHT LIZARDS	
	R-INLI	*Xantusia riversiana*	island night lizard	FPD/None		Reptiles	REPTILES	Lizards	LIZARDS	Xantusiidae	XANTUSIIDAE	NIGHT LIZARDS	XANTUSIIDAE—NIGHT LIZARDS	
	R-DNLI	*Xantusia vigilis*	desert night lizard	None/None		Reptiles	REPTILES	Lizards	LIZARDS	Xantusiidae	XANTUSIIDAE	NIGHT LIZARDS	XANTUSIIDAE—NIGHT LIZARDS	
	A-AFCF	*Xenopus laevis*	African clawed frog	None/None	*	Amphibians	AMPHIBIANS	Frogs	FROGS	Ranidae	RANIDAE	TRUE FROGS	RANIDAE—TRUE FROGS	
	M-MOGS	*Xerospermophilus mohavensis*	Mohave ground squirrel	None/ST		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	Previously Spermophilus mohavensis
	M-RTGS	*Xerospermophilus tereticaudus*	round-tailed ground squirrel	None/None		Mammals	MAMMALS	Squirrels	SQUIRRELS	Sciuridae	SCIURIDAE	SQUIRRELS	SCIURIDAE—SQUIRRELS	Previously Spermophilus tereticaudus
X	B-MODO	*Zenaida macroura*	mourning dove	None/None		Birds	BIRDS	Pigeons & Doves	PIGEONS & DOVES	Columbidae	COLUMBIDAE	PIGEONS & DOVES	COLUMBIDAE—PIGEONS & DOVES	
	B-GCSP	*Zonotrichia atricapilla*	golden-crowned sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	
	B-WCSP	*Zonotrichia leucophrys*	white-crowned sparrow	None/None		Birds	BIRDS	New World Sparrows	NEW WORLD SPARROWS	Passerellidae	PASSERELLIDAE	NEW WORLD SPARROWS	PASSERELLIDAE—NEW WORLD SPARROWS	

Attachment C

Special-Status Plant Species Potential to Occur in the Project Site Region

Scientific Name	Common Name	Status (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
Allium jepsonii	Jepson's onion	None/None/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest; Serpentinite, Volcanic/perennial bulbiferous herb/Apr–Aug/985–4,330	**Not expected to occur.** Chaparral and cismontane woodland habitat are present on the project site. The project site lacks serpentinite soils. There are two documented occurrences within 10 miles northwest of the project site (CNDDB 2022).
Arctostaphylos nissenana	Nissenan manzanita	None/None/1B.2	Chaparral, Closed-cone coniferous forest; Rocky/perennial evergreen shrub/Feb–Mar/1,475–3,605	**Moderate potential to occur.** Chaparral habitat is present on the project site. There are three documented occurrences within 5 miles southeast of the project site (CNDDB 2022).
Calochortus clavatus var. avius	Pleasant Valley mariposa-lily	None/None/1B.2	Lower montane coniferous forest/perennial bulbiferous herb/May–July/1,000–5,905	**Not expected to occur.** No suitable vegetation present.
Calystegia stebbinsii	Stebbins' morning-glory	FE/SE/1B.1	Chaparral, Cismontane woodland; Gabbroic (sometimes), Seeps (sometimes)/perennial rhizomatous herb/Apr–July/605–3,575	**Low potential to occur.** Chaparral and cismontane woodland habitat are present on the project site; however gabbroic soils are not present. There are multiple documented occurrences within 10 miles west of the project site (CNDDB 2022).
Calystegia vanzuukiae	Van Zuuk's morning-glory	None/None/1B.3	Chaparral, Cismontane woodland; Gabbroic, Serpentinite/perennial rhizomatous herb/May–Aug/1,640–3,870	**Not expected to occur.** The project site lacks gabbroic and serpentinite soils. There are no documented occurrences within 10 miles of the project site (CNDDB 2022).
Campylopodiella stenocarpa	flagella-like atractylocarpus	None/None/2B.2	Cismontane woodland/moss//330–1,640	**Not expected to occur.** There are no documented occurrences within 10 miles of the project site (CNDDB 2022).
Carex cyrtostachya	Sierra arching sedge	None/None/1B.2	Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Riparian	**Not expected to occur.** The site is outside of the species' known elevation range.

			forest/perennial herb/May–Aug/2,000–4,460	
Carex xerophila	chaparral sedge	None/None/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest; Gabbroic, Serpentinite/perennial herb/Mar–June/1,440–2,525	**Not expected to occur.** The project site lacks gabbroic and serpentinite soils.
Ceanothus roderickii	Pine Hill ceanothus	FE/SR/1B.1	Chaparral, Cismontane woodland; Gabbroic (sometimes), Serpentinite (sometimes)/perennial evergreen shrub/Apr–June/805–3,575	**Low potential to occur.** Chaparral and cismontane woodland habitat are present on the project site; however, no gabbroic or serpentine soils present. There are multiple documented occurrences within 10 miles west of the project site and no occurrences within 5 miles (CNDDB 2022).
Chlorogalum grandiflorum	Red Hills soaproot	None/None/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest; Gabbroic, Serpentinite/perennial bulbiferous herb/May–June/805–5,540	**Moderate potential to occur.** Chaparral and cismontane woodland habitat are present on the project site. The project site lacks gabbroic and serpentinite soils; however, this species can be found on non-ultramafic substrates. There is 1 documented occurrence 2 miles west of the project and multiple documented occurrences within 10 miles north, west, and south of the project (CNDDB 2022).
Fremontodendron decumbens	Pine Hill flannelbush	FE/SR/1B.2	Chaparral, Cismontane woodland; Gabbroic (sometimes), Rocky, Serpentinite (sometimes)/perennial evergreen shrub/Apr–July/1,390–2,490	**Low potential to occur.** Chaparral and cismontane woodland habitat are present on the project site; however, no gabbroic or serpentine soils present. There are multiple documented occurrences within 10 miles west of the project (CNDDB 2022).
Galium californicum ssp. sierrae	El Dorado bedstraw	FE/SR/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest; Gabbroic/perennial herb/May–June/330–1,915	**Not expected to occur.** The project site lacks gabbroic soils.

Horkelia parryi	Parry's horkelia	None/None/1B.2	Chaparral, Cismontane woodland/perennial herb/Apr–Sep/260–3,510	**Moderate potential to occur.** Chaparral and cismontane woodland habitat are present on the project site. The nearest documented occurrence is a historical record from 1923 within 5 miles north of the project site (CNDDB 2022).
Packera layneae	Layne's ragwort	FT/SR/1B.2	Chaparral, Cismontane woodland/perennial herb/Apr–Aug/655–3,555	**Not expected to occur.** The project site lacks gabbroic or serpentine soils.
Phacelia stebbinsii	Stebbins' phacelia	None/None/1B.2	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps/annual herb/May–July/2,000–6,590	**Not expected to occur.** The site is outside of the species' known elevation range.
Viburnum ellipticum	oval-leaved viburnum	None/None/2B.3	Chaparral, Cismontane woodland, Lower montane coniferous forest/perennial deciduous shrub/May–June/705–4,590	**Low potential to occur.** Chaparral and cismontane woodland habitat are present on the project site. The nearest documented occurrence is a historical record from 1923 within 5 miles north of the project site (CNDDB 2022).
Wyethia reticulata	El Dorado County mule ears	None/None/1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest/perennial herb/Apr–Aug/605–2,065	**Not expected to occur.** The project site lacks stony red clay gabbroic soils.

Attachment D

Special-Status Wildlife Species Potential to Occur in the Project Site Region

Scientific Name	Common Name	Status (Federal/ State)	Habitat	Potential to Occur
Amphibians				
Rana boylii pop. 5	Foothill yellow-legged frog – south Sierra DPS	FPT/ST	Rocky streams and rivers with open banks in forest, chaparral, and woodland	**High potential to occur.** Suitable habitat features for this species, including a freshwater stream and oak woodland, are present on the Project site. There are multiple CNDDB occurrences within 10 miles of the site. Most records are considered locally extirpated however two records in 1994 and 2017 (7-8 miles from the site) are presumed extant (CNDDB 2022).
Rana draytonii	California red-legged frog	FT/SSC	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	**Not expected to occur.** Suitable habitat features with flowing freshwater are not present on the Project site. The nearest CNDDB occurrence is 7 miles from the site, recorded in 1942 and presumed extant (CNDDB 2022).
Birds				
Accipiter gentilis (nesting)	northern goshawk	None/SSC	Nests primarily in middle- and higher-elevation dense conifer forests; winters at lower elevations along coast, foothills, and northern deserts in riparian and pinyon–juniper woodland	**Not expected to occur.** The site is not within the expected geographic range of this species. Suitable dense conifer nesting habitat for this species is not present on the Project site. The nearest CNDDB occurrence is 10 miles from the site, recorded in 1980 and presumed extant (CNDDB 2022).
Agelaius tricolor (nesting colony)	tricolored blackbird	BCC/SSC, ST	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberrry; forages in grasslands, woodland, and agriculture	**Low potential to occur.** Suitable habitat features for this species, including a freshwater stream and emergent vegetation, are present on the Project site but provide marginal nesting habitat. The nearest CNDDB occurrence is 7 miles from the site, recorded in 2011 and presumed extant (CNDDB 2022).
Riparia riparia (nesting)	bank swallow	None/ST	Nests in riparian, lacustrine, and coastal areas with vertical banks, bluffs, and cliffs with sandy soils; open country and water during migration	**Not expected to occur.** The site is not within the expected geographic range of this species. Suitable vertical nesting habitat for this species is not present on the Project site. The nearest CNDDB occurrence is a

				historical record within the site, recorded in 1873 and presumed extant (CNDDB 2022).
Strix nebulosa (nesting)	great gray owl	None/SE	Nests in old-growth red fir, mixed–conifer, lodgepole pine habitats near wet meadows used for foraging	**Not expected to occur.** The site is not within the expected geographic range of this species. No suitable high canopy forest nesting habitat present on the Project site. The nearest CNDDB occurrence is 7 miles from the site, recorded in 2008 and presumed extant (CNDDB 2022).
Mammals				
Antrozous pallidus	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	**Low potential to occur.** Suitable grassland and woodland habitat for this species is present on the Project site. The nearest CNDDB occurrence is 14 miles from the site, recorded in 2004 and presumed extant (CNDDB 2022).
Pekania pennanti	fisher	None/SSC	Ranges widely in forested regions; uses heavy stands of mixed species of mature trees	**Not expected to occur.** The site is not within the expected geographic range of this species. No suitable old growth habitat is present on the Project site. The nearest CNDDB occurrence is a large, unspecified polygon that includes project site, recorded in 1916 and presumed extant (CNDDB 2022).
Reptiles				
Emys marmorata	western pond turtle	None/SSC	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	**Moderate potential to occur.** Suitable habitat features for this species, including a flowing freshwater stream and adjacent uplands, are present on the Project site. There are multiple CNDDB occurrences within 10 miles of the site; all are presumed extant, recorded from 1993 to 2016 (CNDDB 2022).
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	**Not expected to occur.** Suitable habitat types for this species are not present on the Project site. There are multiple CNDDB occurrences within 10 miles of the site; all are presumed extant, recorded from 1995 to 2007 (CNDDB 2022).