

Appendix C

Biological Resources Supporting Information

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
Plants							
<i>Allium peninsulare</i> var. <i>franciscanum</i>	Franciscan onion	-	-	1B.2	Clay, volcanic, and often serpentinite soils in cismontane woodlands and valley and foothill grasslands. Elev: 70-1,000 ft (52-305 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Amorpha californica</i> var. <i>napensis</i>	Napa false indigo	-	-	1B.2	Chaparral, cismontane woodland, and openings in broadleaved forests. Elev: 390-6,565 ft (120-2,000 m.) Blooms: Apr-Jul (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	-	-	1B.2	Coastal bluff scrub, cismontane woodland, valley & foothill grassland. Elev: 10-1,640 ft (3-500 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Arctostaphylos franciscana</i>	Franciscan manzanita	FE	-	1B.1	Serpentinite soils in coastal scrub. Elev: 196-984 ft (60-300 m). Blooms: Feb-Apr. Single plant rediscovered in 2009 in northern San Francisco, previously considered extinct since 1947 (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Arctostaphylos imbricata</i>	San Bruno manzanita	-	SE	1B.1	Rocky soils in chaparral and coastal scrub. Elev: 902-1,214 ft (275-370 m). Blooms: Feb-May. All occurrences are within the boundaries of the San Bruno Mountain Habitat Conservation Plan (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Arctostaphylos montana</i> ssp. <i>ravenii</i>	Presidio manzanita	FE	SE	1B.1	Serpentinite outcrops in chaparral, coastal prairie, and coastal scrub habitats. Elev: 148-705 ft (45-215 m). Blooms: Feb-Mar. Known from only one extant native occurrence at the Presidio in San Francisco; five of six historical occurrences extirpated by urbanization (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Arctostaphylos montaraensis</i>	Montara manzanita	-	-	1B.2	Maritime chaparral and coastal scrub. Elev: 262-1,640 ft (80-500 m). Blooms: Jan-Mar. Known from fewer than ten occurrences in San Mateo County (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Arctostaphylos pacifica</i>	Pacific manzanita	-	SE	1B.1	Chaparral and coastal scrub habitats. Elev: undocumented. Blooms: Feb-Apr. Known only from San Bruno Mountain in San Mateo County (CNPS 2019).	N	Project outside known species range.
<i>Arctostaphylos pallida</i>	pallid manzanita	FT	SE	1B.1	Siliceous shale, sandy or gravelly soil. Broadleaved upland forest, closed-cone coniferous forest, chaparral, cismontane woodland, coastal scrub. Elev: 607-1,526 ft (185-465 m) Blooms: Dec-Mar (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Arenaria paludicola</i>	marsh sandwort	FE	SE	1B.1	Sandy openings in freshwater or brackish marshes and swamps. Elev: 10-558 ft (3-170 m). Blooms: May-Aug. Known from only two natural occurrences in Black Lake Canyon and at Oso Flaco Lake (CNPS 2019).	N	Project outside known species range.
<i>Astragalus tener</i> var. <i>tener</i>	alkali milk-vetch	-	-	1B.2	Alkaline soils. Playas, valley & foothill grassland (adobe clay), and vernal pools. Elev: 3-197 ft (1-60 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Balsamorhiza macrolepis</i>	big-scale balsamroot	-	-	1B.2	Sometimes on serpentinite, in chaparral, cismontane woodland, and valley and foothill grasslands. Elev: 295-5,102 ft (90-1,555 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Calochortus pulchellus</i>	Mt. Diablo fairy-lantern	-	-	1B.2	Chaparral, cismontane woodland, riparian woodland, and valley and foothill grassland. Elev: 98-2,756 ft (30-840 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).

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<i>Calochortus tiburonensis</i>	Tiburon mariposa-lily	FT	FT	1B.1	Serpentinite soils in valley and foothill grassland habitats. Elev: 164-492 ft (50-150 m). Blooms: Mar-Jun. Known from only one occurrence at Ring Mountain Preserve on the Tiburon Peninsula (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Calystegia purpurata</i> ssp. <i>saxicola</i>	coastal bluff morning-glory	-	-	1B.2	Coastal dunes, coastal scrub, north coast coniferous forest. Elev: 33-345 ft (10-105 m). Blooms: Mar-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Carex comosa</i>	bristly sedge	-	-	2B.1	Coastal prairies, valley and foothill grasslands, as well as marshes, swamps and lake margins. Elev: 0-2,051 ft (0-625 m). Blooms: May-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Carex praticola</i>	northern meadow sedge	-	-	2B.2	Mesic meadows and seeps. Elev: 0-10,500 ft (0-3,200 m). Blooms: May-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Castilleja affinis</i> ssp. <i>neglecta</i>	Tiburon paintbrush	FE	ST	1B.2	Serpentinite soil in valley and foothill grassland. Elev: 196-1,312 ft (60-400 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Centromadia parryi</i> ssp. <i>congdonii</i>	Congdon's tarplant	-	-	1B.1	Alkaline valley and foothill grasslands. Elev: 0-755 ft (0-230 m). Blooms: May-Nov (CNPS 2019).	N	Suitable habitat not present.
<i>Centromadia parryi</i> ssp. <i>parryi</i>	pappose tarplant	-	-	1B.2	Often in alkaline areas in chaparral, coastal prairie, meadows and seeps, coastal salt marshes and swamps, and vernal mesic valley and foothill grasslands. Elev: 0-1,378 ft (0-420 m). Blooms: May-Nov (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Chloropyron maritimum</i> ssp. <i>palustre</i>	Point Reyes bird's-beak	-	-	1B.2	Coastal salt marshes & swamps. Elev: 0-33 ft (0-10 m). Blooms: Jun-Oct (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Chorizanthe cuspidata</i> var. <i>cuspidata</i>	San Francisco Bay spineflower	-	-	1B.2	Sandy areas in coastal bluff scrub, coastal dunes, coastal prairies, and coastal scrub. Elev: 10-705 ft (3-215 m). Blooms: Apr-Aug (CNPS 2019).	N	Suitable habitat not present.
<i>Chorizanthe robusta</i> var. <i>robusta</i>	robust spineflower	FE	-	1B.1	Sandy or gravelly soils in maritime chaparral, coastal dunes, coastal scrub, and openings in cismontane woodland. Elev: 10-984 ft (3-300 m). Blooms: Apr-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Cicuta maculata</i> var. <i>bolanderi</i>	Bolander's water-hemlock	-	-	2.1	Coastal, fresh or brackish marshes and swamps. Elev: 0-656 ft (0-200 m). Blooms: Jul-Sep (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Cirsium andrewsii</i>	Franciscan thistle	-	-	1B.2	Mesic, sometimes serpentinite soils. Broadleafed upland forest, coastal bluff scrub, coastal prairie, coastal scrub. Elev: 0-492 ft (0-150 m). Blooms: Mar-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Cirsium hydrophilum</i> var. <i>vaseyi</i>	Mt. Tamalpais thistle	-	-	1B.2	Serpentinite seeps in broadleafed upland forest, chaparral, and meadows and seeps. Elev: 787-2,034 ft (240-620 m). Blooms: May-Aug. Known from fewer than twenty occurrences on Mt. Tamalpais (CNPS 2019).	N	Suitable habitat not present, site is below documented elevation range at 0-30 ft (0-9 m), and the Project is outside the known species range.
<i>Cirsium occidentale</i> var. <i>compactum</i>	compact cobwebby thistle	-	-	1B.2	Chaparral, coastal dunes, coastal prairie, coastal scrub. Elev: 16-492 ft (5-150 m). Blooms: Apr-Jun. Known from fewer than twenty occurrences in Los Angeles, Monterey, Santa Barbara, San Francisco (presumed extirpated), and San Luis Obispo counties (CNPS 2019).	N	Project outside known species range.
<i>Clarkia franciscana</i>	Presidio clarkia	FE	SE	1B.1	Coastal scrub and serpentinite valley and foothill grasslands. Elev: 82-1,099 ft (25-335 m). Blooms: May-Jul (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Collinsia corymbosa</i>	round-headed Chinese-houses	-	-	1B.2	Coastal dunes. Elev: 0-66 ft (0-20 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present.

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<i>Collinsia multicolor</i>	San Francisco collinsia	-	-	1B.2	Closed-cone coniferous forest and coastal scrub, sometimes associated with serpentinite soils. Elev: 100-825 ft (30-250 m). Blooms: Feb-May (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Dirca occidentalis</i>	western leatherwood	-	-	1B.2	Mesic soils. Broadleafed upland forest, closed-cone coniferous forest, chaparral, cismontane woodland, north coast coniferous forest, riparian forest, and riparian woodland. Elev: 82-1,394 ft (25-425 m). Blooms: Jan-Apr (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Eriogonum luteolum</i> var. <i>caninum</i>	Tiburon buckwheat	-	-	1B.2	Serpentinite, sandy or gravelly soils in chaparral, cismontane woodland, coastal prairie, and valley and foothill grassland. Elev: 0-2,297 ft (0-700 m). Blooms: May-Sep (CNPS 2014).	N	Suitable habitat not present.
<i>Eryngium jepsonii</i>	Jepson's coyote-thistle	-	-	1B.2	Clay soils in valley and foothill grasslands and vernal pools. Elev: 9-984 ft (3-300 m). Blooms: Apr-Aug (CNPS 2019).	N	Suitable habitat not present.
<i>Extriplex joaquinana</i>	San Joaquin spearscale	-	-	1B.2	Alkaline soils in chenopod scrub, meadows and seeps, playas, and valley and foothill grasslands. Elev: 3-2,755 ft (1-835 m). Blooms: Apr-Oct (CNPS 2019).	N	Suitable habitat not present.
<i>Fissidens pauperculus</i>	minute pocket moss	-	-	1B.2	Damp soils in stream beds and banks in North Coast coniferous forest. Has also been found inland in the Sierra Nevada foothills. Elev: 30-3,380 ft (10-1,024 m). (CNPS 2019).	N	Suitable habitat not present.
<i>Fritillaria liliacea</i>	fragrant fritillary	-	-	1B.2	Serpentinite soils in cismontane woodland, coastal prairie, coastal scrub, valley & foothill grassland. Elev: 10-1,345 ft (3-410 m). Blooms: Feb-Apr (CNPS 2019).	N	Suitable habitat not present.
<i>Gilia capitata</i> ssp. <i>chamissonis</i>	blue coast gilia	-	-	1B.1	Coastal dunes and coastal scrub. Elev: 7-656 ft (2-200 m). Blooms: Apr-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Gilia millefoliata</i>	dark-eyed gilia	-	-	1B.2	Coastal dunes. Elev: 5-100 ft (2-30 m). Blooms: Apr-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Helianthella castanea</i>	Diablo helianthella	-	-	1B.2	Chaparral, cismontane woodland, coastal scrub, riparian woodland, broadleafed upland forest, and valley and foothill grasslands. Elev: 197-4,265 ft (60-1,300 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Hemizonia congesta</i> ssp. <i>congesta</i>	congested-headed hayfield tarplant	-	-	1B.2	Valley and foothill grasslands and sometimes roadsides. Elev: 67-1,837 ft (20-560 m). Blooms: Apr-Nov (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Hesperevax sparsifolia</i> var. <i>brevifolia</i>	short-leaved evax	-	-	1B.2	Sandy coastal cliff scrub, coastal dunes, and coastal prairie. Elev:0-705 ft (0-215 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Hesperolinon congestum</i>	Marin western flax	FT	ST	1B.1	Serpentinite soils in Chaparral and valley and foothill grassland habitats. Elev: 16-1,214 ft (5-370 m). Blooms: Apr-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Heteranthera dubia</i>	water star-grass	-	-	2B.2	Requires a pH of 7 or higher, usually in slightly eutrophic waters in alkaline, still, or slow-moving water in marshes and swamps. Elev: 98-4,905 ft (30-1,495 m). Blooms: Jul-Oct (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Hoita strobilina</i>	Loma Prieta hoita	-	-	1B.1	Usually serpentinite, mesic soil in chaparral, cismontane woodland, riparian woodland. Elev: 98-2,822 ft (30-860 m). Blooms: May-Oct (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).

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<i>Holocarpha macradenia</i>	Santa Cruz tarplant	FT	SE	1B.1	Often clay or sandy soils in coastal prairie, coastal scrub, and valley/foothill grasslands. Elev: 33-722 ft (10-220 m). Blooms: Jun-Oct (CNPS 2019).	N	Suitable habitat not present.
<i>Horkelia cuneata</i> var. <i>sericea</i>	Kellog's horkelia	-	-	1B.1	Sandy or gravelly soils in openings in closed-cone coniferous forest, maritime chaparral, coastal dunes, coastal scrub. Elev: 33-656 ft (10-200 m). Blooms: Apr-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Horkelia marinensis</i>	Point Reyes horkelia	-	-	1B.2	Occurs in sandy coastal dunes, coastal prairie, and coastal scrub habitats. Elev: 15-2,477 ft (5-755 m). Blooms: May-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Hypogymnia schizidiata</i>	island rock lichen	-	-	1B.3	On bark and wood of hardwoods and conifers in closed-cone coniferous forest and chaparral. Elev: 1,180-1,330 ft (360-405 m). Blooms: data unavailable (CNPS 2019).	N	Suitable habitat not present.
<i>Isocoma arguta</i>	Carquinez goldenbush	-	-	1B.1	Alkaline valley and foothill grassland. Elev: 3-66 ft (1-20 m). Blooms: Aug-Dec (CNPS 2019).	N	Suitable habitat not present.
<i>Lasthenia conjugens</i>	Contra Costa goldfields	FE	-	1B.1	Mesic areas in vernal pools, cismontane woodland, alkaline playas, and valley and foothill grasslands. Elev: 0-1,542 ft (0-470 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	Delta tule pea	-	-	1B.2	Freshwater and brackish marshes and swamps. Elev: 0-13 ft (0-4 m). Blooms: May-Sep (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Layia carnosa</i>	beach layia	FE	SE	1B.1	Coastal dunes and sandy coastal scrub. Elev: 0-197 ft (0-60 m). Blooms: Mar-Jul (CNPS 2019).	N	Suitable habitat not present.
<i>Leptosiphon rosaceus</i>	rose leptosiphon	-	-	1B.1	Coastal bluff scrub. Elev: 0-328 ft (0-100 m). Blooms: Apr-Jul (CNPS 2019).	N	Suitable habitat not present. S
<i>Lessingia germanorum</i>	San Francisco lessingia	FE	SE	1B.1	Coastal scrub/remnant dunes. Elev: 82-360 ft (25-110 m). Blooms: June-Nov. Known from only four occurrences at the Presidio in San Francisco County, and one on San Bruno Mountain (CNPS 2019).	N	Suitable habitat not present, site is below documented elevation range at 0-30 ft (0-9 m), and the Project is outside the known species range.
<i>Malocothamnus arcuatus</i>	arcuate bush-mallow	-	-	1B.2	Chaparral and cismontane woodland. Elev: 50-1,150 ft (15-335 m). Blooms: Apr-Sep (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Meconella oregana</i>	Oregon meconella	-	-	1B.1	Coastal prairie and coastal scrub. Elev: 820-2,034 ft (250-620 m). Blooms: Mar-Apr (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Microseris paludosa</i>	marsh microseris	-	-	1B.2	Closed-cone coniferous forest, cismontane woodland, coastal scrub, and valley and foothill grassland. Elev: 15-1,165 ft (5-355 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Monardella sinuata</i> ssp. <i>nigrescens</i>	northern curly-leaved monardella	-	-	1B.2	Sandy soils in coastal dune, coastal scrub, and lower montane coniferous forest habitats throughout range. Also found in chaparral and ponderosa pine sandhills in Santa Cruz County. Elev: 0-984 ft (0-300 m). Blooms: Apr-Sep. Presumed extirpated from San Francisco County (CNPS 2019).	N	Project outside known species range. Not documented in Alameda County (CNPS 2019).
<i>Monolopia gracilens</i>	woodland woollythreads	-	-	1B.2	Serpentinite soil in chaparral openings, broadleafed upland forest openings, cismontane woodland, North Coast coniferous forest openings, and valley and foothill grassland. Elev: 328-3,937 ft (100-1,200 m). Blooms: Feb-Jul (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).

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<i>Pentachaeta bellidiflora</i>	white-rayed pentachaeta	FE	SE	1B.1	Cismontane woodlands and valley and foothill grasslands, often on serpentinite soils. Elev: 115-2,034 ft (35-620 m). Blooms: Mar-May. Presumed extirpated from Marin and Santa Cruz counties, with San Mateo containing the only known extant populations (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Plagiobothrys chorisianus</i> var. <i>chorisianus</i>	Choris' popcorn-flower	-	-	1B.2	Mesic areas in chaparral, coastal prairie and coastal scrub. Elev: 49-525 ft (15-160 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Plagiobothrys diffusus</i>	San Francisco popcorn-flower	-	SE	1B.1	Coastal prairie and valley and foothill grasslands. Elev: 197-1,181 ft (60-360 m). Blooms: Mar-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Polemonium carneum</i>	Oregon polemonium	-	-	2B.2	Coastal prairie, coastal scrub, and lower montane coniferous forest. Elev: 0-6,004 ft (0-1830 m). Blooms: Apr-Sep (CNPS 2019).	N	Suitable habitat not present.
<i>Sanicula maritima</i>	adobe sanicle	-	SR	1B.1	Clay and serpentinite soils in chaparral, coastal prairie, meadows and seeps, and valley and foothill grassland. Elev: 98-787 ft (30-240 m). Blooms: Feb-May (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Senecio aphanactis</i>	chaparral ragwort	-	-	2B.2	Sometimes alkaline in chaparral, cismontane woodland, and coastal scrub. Elev: 49-2,625 ft (15-800 m) Blooms: Jan-Apr (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Silene scouleri</i> ssp. <i>scouleri</i>	Scouler's catchfly	-	-	2B.2	Coastal bluff scrub, coastal prairie, and valley and foothill grassland. Elev: 0-1,970 ft (0-600 m). Blooms: (Mar-May) Jun-Aug (Sep) (CNPS 2019).	N	Suitable habitat not present.
<i>Silene verecunda</i> ssp. <i>verecunda</i>	San Francisco campion	-	-	1B.2	Sandy soils in coastal bluff soil, chaparral, coastal prairies, coastal scrub, and valley and foothill grasslands. Elev: 98-2,116 ft (30-645 m). Blooms: Mar-Aug (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Spergularia macrotheca</i> var. <i>longistyla</i>	long-styled sand-spurrey	-	-	1B.2	Alkaline soils in meadows, seeps, marshes, and swamps. Elev: 0-837 ft (0-255 m). Blooms: Feb-May (CNPS 2019).	Y	Potentially suitable habitat present.
<i>Stebbinsoseris decipiens</i>	Santa Cruz microseris	-	-	1B.2	Open areas, sometimes on serpentinite soils, in broadleafed upland forest, closed-cone coniferous forest, chaparral, coastal prairie, coastal scrub, and valley and foothill grassland habitats. Elev: 33-1,640 ft (10-500 m). Blooms: Apr-May (CNPS 2019).	N	Suitable habitat not present.
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	most beautiful jewel-flower	-	-	1B.2	Serpentinite soil in chaparral, cismontane woodland, valley & foothill grassland. Elev: 312-3,281 ft (95-1,000 m). Blooms: Mar-Oct (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Streptanthus gladulosus</i> ssp. <i>niger</i>	Tiburon jewelflower	FE	SE	1B.1	Serpentinite soils in valley and foothill grasslands. Elev: 98-492 ft (30-150 m). Blooms: May-Jun. Known from only two occurrences on the Tiburon Peninsula (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
<i>Stuckenia filiformis</i> ssp. <i>alpina</i>	slender-leaved pondweed	-	-	2B.2	Assorted shallow freshwater marshes and swamps. Elev: 984-7,054 ft (300-2,150 m). Blooms: May-Jul (CNPS 2019).	N	Site is below documented elevation range at 0-30 ft (0-9 m).
<i>Suaeda californica</i>	California seablite	FE	-	1B.1	Coastal salt marshes and swamps. Elev: 0-49 ft (0-15 m). Blooms: Jul-Oct (CNPS 2019).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Symphyotrichum lentum</i>	Suisun Marsh aster	-	-	1B.2	Brackish and freshwater marshes and swamps. Elev: 0-10 ft (0-3 m). Blooms: May-Nov (CNPS 2019).	Y	Potentially suitable habitat present.

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<i>Trifolium amoenum</i>	two-fork clover	FE	-	1B.1	Sometimes on serpentinite, in coastal bluff scrub and valley and foothill grassland. Elev: 16-1,362 ft (5-415 m). Blooms: Apr-Jun (CNPS 2019).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Trifolium hydrophilum</i>	saline clover	-	-	1B.2	Marshes & swamps, valley & foothill grassland (mesic, alkaline), and vernal pools. Elev: 0-984 ft (0-300 m). Blooms: Apr-Jun (CNPS 2019).	N	Suitable habitat not present.
<i>Triphysaria floribunda</i>	San Francisco owl's-clover	-	-	1B.2	Usually serpentinite in coastal prairies, coastal scrub, and valley and foothill grasslands. Elev: 33-525 ft (10-160 m). Blooms: Apr-Jun (CNPS 2019).	N	Site lacks suitable soils and habitats.
<i>Triquetrella californica</i>	coastal triquetrella	-	-	1B.2	Moss that grows on soils in coastal bluff scrub and coastal scrub. Elev: 33-330 ft (10-100 m). Blooms: data unavailable (CNPS 2019).	N	Suitable habitat not present.
<i>Viburnum ellipticum</i>	oval-leaved viburnum	-	-	2B.3	Chaparral, cismontane woodland, and lower montane coniferous forest. Elev: 705-4,593 ft (215-1,400 m). Blooms: May-Jun (CNPS 2019).	N	Suitable habitat not present and site is below documented elevation range at 0-30 ft (0-9 m).
Invertebrates							
<i>Callophrys mossii bayensis</i>	San Bruno elfin butterfly	FE	-		Coastal grassland and low scrub of north-facing slopes, in the fog belt, where the larval host plant stonecrop (<i>Sedum spathulifolium</i>) grows. Known populations are restricted to San Mateo County (USFWS 2010).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Euphydryas editha bayensis</i>	Bay checkerspot butterfly	FT	-		All currently occupied habitats occur on serpentine or serpentine-like grasslands that support at least two of the larval host plants: plantain (<i>Plantago erecta</i>), purple owl's-clover (<i>Castilleja densiflora</i>), and exserted paintbrush (<i>Castilleja exserta</i>) (USFWS 2009a).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Plebejus icarioides missionensis</i>	Mission blue butterfly	FE	-		Coastal scrubland and grassland vegetation that contains at least one of the three larval host plants: silver lupine (<i>Lupinus albifrons</i>), manycolored lupine (<i>L. varicolor</i>), or summer lupine (<i>L. formosus</i>) (USFWS 2010).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Speyeria callippe callippe</i>	callippe silverspot butterfly	FE	-		Native grassland and associated habitats containing the host plant: violet (<i>Viola pedunculata</i>). There are currently four populations considered to be <i>S. c. callippe</i> , which are located (1) on San Bruno Mountain in San Mateo County; (2) around Sears Point in Sonoma County; (3) in the hills in the City of Pleasanton in Alameda County; and (4) along the watershed that's east of the Calaveras Reservoir, east of the City of Milpitas, in Alameda County (USFWS 2009b).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
Fish							
<i>Acipenser medirostris</i>	green sturgeon	FT	SSC		Adult and subadults spend most of their lives in the San Francisco Estuary and the Delta. Spawning occurs mostly in the mainstem of the Sacramento River. Young-of-the-year migrate down the Sacramento River to rear in the San Francisco Estuary (CalFish 2017).	Y	Suitable habitat present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Acipenser transmontanus</i>	white sturgeon	-	SSC		Adult and subadults spend most of their lives in the San Francisco Estuary and the Delta. Spawning occurs mostly in the mainstem of the Sacramento River. Young-of-the-year migrate down the Sacramento River to rear in the San Francisco Estuary (CalFish 2017).	Y	Suitable habitat present.
<i>Archoplites interruptus</i>	Sacramento perch	-	SSC		Historically, Central Valley sloughs, slow-moving rivers, and lakes with beds of rooted emergent aquatic vegetation. Current distribution is artificially stocked farm ponds and reservoirs (USFWS 1996).	N	Project area outside the range for this species.
<i>Entosphenus tridentatus</i>	Pacific lamprey	-	SSC		Occurs along Pacific coast from Japan to Alaska and down to Baja California. Can be freshwater residents or anadromous. This species migrates long distances and is stopped only by major barriers such as dams. Need cold clear water with gravel for spawning. Young need slow flows and soft sediment for burrowing (Moyle et al. 2015).	N	Suitable habitat not present.
<i>Eucyclogobius newberryi</i>	tidewater goby	FE	SSC		Shallow coastal lagoons and the uppermost brackish zone of larger estuaries. Rarely found in marine or freshwater environments. Typically associated with still water, less than 3.3 ft (1 m) deep, with salinities of less than 12 parts per thousand (USFWS 2005).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Hypomesus transpacificus</i>	delta smelt	FT	SE		Distribution includes the Sacramento River below Isleton, San Joaquin River below Mossdale, and Suisun Bay. Spawning areas include the Sacramento River below Sacramento, Mokelumne River system, Cache Slough, the delta, and Montezuma Slough (USFWS 1996).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Lampetra ayresii</i>	river lamprey	-	SSC		Adults require clean, gravelly riffles in permanent streams for spawning, while the ammocoetes require sandy backwaters or stream edges in which to bury themselves, where water quality is continuously high and temperatures do not exceed 25°C. Occur in Sacramento-San Joaquin Delta and tributaries (Moyle et al. 2015).	N	Suitable habitat not present.
<i>Mylophorodon conocephalus</i>	hardhead	-	SSC		Small to large streams in a low to mid-elevation environments. May also inhabit lakes or reservoirs. Preferred stream temperature might easily exceed 20°C, though these fish do not favor low dissolved oxygen levels. Usually found in clear deep streams with a slow but present flow. Though spawning may occur in pools, runs, or riffles, the bedding area will typically be characterized by gravel and rocky substrate. Occur from Sacramento-San Joaquin and Russian River drainages from the Pit River, Modoc County, in the north to the Kern River, Kern County in the south (UC Davis 2017).	N	Suitable habitat not present.
<i>Oncorhynchus mykiss irideus</i>	steelhead	FT	-		Spawning habitat = gravel-bottomed, fast-flowing, well-oxygenated rivers and streams. Non-spawning = estuarine, marine waters (Busby et al 1996).	Y	Suitable habitat present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Oncorhynchus tshawytscha</i>	chinook salmon	FT	ST		Currently found in the Sacramento-San Joaquin River Delta, the Sacramento River and its tributaries, including American, Yuba and Feather rivers, and Mill, Deer and Butte Creeks. (NMFS 2009).	N	Project area outside the range for this species.
<i>Pogonichthys macrolepidotus</i>	Sacramento splittail	-	SSC		Prefer slow-moving sections of freshwater rivers and sloughs. Most abundant in Suisun Bay and marsh region. Largely absent from Sacramento River except during spawning (USFWS 1996).	N	Suitable habitat not present and project area is outside the range for this species.
<i>Spirinchus thaleichthys</i>	longfin smelt	FC	ST		Spatial distribution in a bay or estuary is seasonally variable, but typically found closer to the ocean in summer and move upstream in winter. Spawn in freshwater with peak breeding season between February and April (UC Davis 2017).	Y	Suitable habitat present.
<i>Thaleichthys pacificus</i>	eulachon	FT	-		Spend majority of their lives in the ocean, but return to natal streams to spawn and die. In California, spawning occurs from mid-March through May in the northern part of the state. Spawning migration occurs when water temperatures are 39.2-46.4°F (4-8°C), and may slow or stop if temperatures rise above or fall below the favorable range (UC Davis 2017).	N	Project area outside the range for this species.
Amphibians							
<i>Ambystoma californiense</i>	California tiger salamander, central population	FT	ST		Upland grassland, oak savanna, or oak woodland habitats with established populations of California ground squirrel (<i>Otospermophilus beecheyi</i>) and Botta's pocket gopher (<i>Thomomys bottae</i>), and preferably multiple breeding pools. Breeding may occur in natural vernal pools and ponds, as well as livestock ponds and modified ephemeral and permanent ponds (USFWS 2017).	N	Suitable habitat not present.
<i>Dicamptodon ensatus</i>	California giant salamander	-	SSC		Species known to inhabit wet coastal forests in or near clear, cold permanent and semi-permanent streams and seepages. Found from Mendocino County near Point Arena east into the coast ranges into Lake and Glenn counties, south to Sonoma and Marin counties, continuing south of the San Francisco Bay from San Mateo County to southern Santa Cruz County (Nafis 2017).	N	Suitable habitat not present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Rana boylei</i>	foothill yellow-legged frog	-	SCT, SSC		Frequents rocky streams and rivers with rocky substrate and open, sunny banks, in forests, chaparral, and woodlands. Sometimes found in isolated pools, vegetated backwaters, and deep, shaded, spring-fed pools. From sea level to 6700 ft (2030 m). Occurs in the Coast Ranges from the Oregon border south to the Transverse Mountains in Los Angeles Co., in most of northern California west of the Cascade crest, and along the western flank of the Sierra south to Kern Co. (Nafis 2017).	N	Suitable habitat not present.
<i>Rana draytonii</i>	California red-legged Frog	FT	-		Utilize a wide range of aquatic habitats from streams, deep pools, backwaters in streams/creeks, ponds, marshes, sag ponds, dune ponds, and lagoons for breeding. Summer Habitat includes spaces under boulders or rocks and organic debris, such as downed trees or logs; industrial debris; and agricultural features, such as drains, watering troughs, abandoned sheds, or hay-ricks (USFWS 2002a).	N	Suitable habitat not present.
Reptiles							
<i>Emys marmorata</i>	western pond turtle	-	SSC		Found in a wide variety of habitats throughout California, but associated with permanent ponds, lakes, streams, irrigation ditches, and permanent pools along intermittent streams. Occurs throughout California, west of the Sierra-Cascade crest and absent from desert regions, except in the Mojave Desert along the Mojave River and its tributaries. (CDFW 2017).	N	Suitable habitat not present. All aquatic resources salty/brackish.
<i>Chelonia mydas</i>	green sea turtle	FT	-		Inhabits shallow waters of lagoons, bays, estuaries, mangroves, as well as eelgrass and seaweed beds. Prefers areas with abundant aquatic vegetation, such as pastures of seagrasses and algae, in shallow, protected water (Nafis 2017).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Masticophis lateralis euryxanthus</i>	Alameda whipsnake (=striped racer)	FT	ST		Associated with chaparral and shrubland communities, but will range into adjacent grassland and woodlands (USFWS 2002b).	N	Suitable habitat not present.
<i>Phrynosoma blainvillii</i>	coast horned lizard	-	SSC		Occurs in valley-foothill hardwood, conifer and riparian habitats, as well as in pine-cypress, juniper and annual grassland habitats. Ranges up to 4,000 ft (1,219 m) in the Sierra Nevada foothills, and up to 6,000 ft (1,800 m) in the mountains of southern California (CDFW 2017).	N	Project area is outside the range for this species (Nafis 2017).
<i>Thamnophis sirtalis tetrataenia</i>	San Francisco garter snake	FE	SE/FP		Utilizes a wide variety of habitats, preferring grasslands or wetlands near ponds, marshes and sloughs. May overwinter in upland areas away from water (Nafis 2017).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
Birds							

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Accipiter gentilis</i>	northern goshawk	-	SSC		Mature and old-growth forests including Pacific Ponderosa pine, Jeffrey pine, Lodgepole pine, mixed conifer, Douglas-fir, mixed Redwood-Douglas-fir hardwood, and quaking aspen. Occurs in North Coast Ranges through Sierra Nevada, Klamath, Cascade, and Warner Mts., in Mt. Pinos and San Jacinto, San Bernardino, and White Mts. (Shuford and Gardali 2008).	N	Suitable habitat not present.
<i>Ammodramus savannarum</i>	grasshopper sparrow	-	SSC		Frequents dense, dry or well-drained grassland, especially native grassland with a mix of grasses and forbs for foraging and nesting. Uses scattered shrubs for singing perches (CDFW 2017).	Y	Suitable habitat present.
<i>Anser albifrons elgasi</i>	tule greater white-fronted goose	-	SSC		Winter migrant that's restricted to the vicinity of federal and state refuges and the Butte Sink in the Sacramento Valley, Grizzly Island Wildlife Area, and adjacent duck clubs in Suisun Marsh, and, marginally the Napa Marshes (Shuford and Gardali 2008).	N	Project area outside the range for this species.
<i>Aquila chrysaetos</i>	golden eagle	-	FP		Habitat includes rolling foothills and mountain terrain, wide arid plateaus deeply cut by streams and canyons, open mountain slopes, and cliffs and rock outcrops. Uncommon resident and migrant throughout California, except the center of the Central Valley. (CDFW 2017).	N	Suitable habitat not present.
<i>Asio flammeus</i>	short-eared owl	-	SSC		Found in open, treeless areas with elevated sites for perches, and dense vegetation for roosting and nesting. Associated with perennial grasslands, prairies, dunes, meadows, irrigated lands, and saline and fresh emergent wetlands. An uncommon winter migrant in southern California, including the Channel Islands. Breeding range includes coastal areas in Del Norte and Humboldt counties, the San Francisco Bay Delta, northeastern Modoc plateau, the east side of the Sierra from Lake Tahoe south to Inyo county, and the San Joaquin valley (CDFW 2017).	Y	Suitable habitat present.
<i>Asio otus</i>	long-eared owl	-	SSC		Riparian habitat required; also uses live oak thickets and other dense stands of trees. Found in dense conifer stands at high elevations (CDFW 2017).	N	Suitable habitat not present.
<i>Athene cunicularia</i>	burrowing owl	-	SSC		Nesting habitat includes open areas with mammal burrows, including rolling hills, grasslands, fallow fields, sparsely vegetated desert scrub, vacant lots and human disturbed lands. Soils must be friable for burrows (Bates 2006).	Y	Documented onsite and suitable habitat present.
<i>Buteo swainsoni</i>	Swainson's hawk	-	ST		Nests in stands with few trees in riparian areas, juniper-sage flats, and oak savannah. Forages in adjacent grasslands, agricultural fields and pastures. Breeding resident and migrant in the Central Valley, Klamath Basin, Northeastern Plateau, Lassen County, and Mojave Desert (CDFW 2017).	N	Suitable habitat not present.
<i>Chaetura vauxi</i>	Vaux's swift	-	SSC		Prefers redwood and Douglas fir habitats with nest sites in large hollow trees and snags, especially tall, burnt-out stubs (CDFW 2017).	N	Suitable habitat not present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Charadrius alexandrinus nivosus</i>	western snowy plover	FT	SSC		Coastal populations nest on dune-backed beaches, sand spits, beaches at creeks and river mouths, and salt pans at lagoons and estuaries (USFWS 2007). Inland populations nest along barren to sparsely vegetated flats and along shores of alkaline and saline lakes, reservoirs, ponds, braided river channels, agricultural wastewater ponds, and salt evaporation ponds (Shuford and Gardali 2008). Inland nesting areas occur at the Salton Sea, Mono Lake, and at isolated sites on the shores of alkali lakes in northeastern California, in the Central Valley, and southeastern deserts (CDFW 2017).	Y	Suitable habitat present.
<i>Circus hudsonius</i>	northern harrier	-	SSC		Nest on the ground in patches of dense, tall vegetation in undisturbed areas. Breed and forage in variety of open habitats such as marshes, wet meadows, weedy borders of lakes, rivers and streams, grasslands, pastures, croplands, sagebrush flats and desert sinks (Shuford and Gardali 2008).	Y	Suitable habitat present.
<i>Coturnicops noveboracensis</i>	yellow rail	-	SSC		Densely vegetated marshes. Require sedge marshes/meadows with moist soil or shallow standing water for breeding (Shuford and Gardali 2008).	Y	Suitable habitat present.
<i>Elanus leucurus</i>	white-tailed kite	-	FP		Yearlong resident in coastal and valley lowlands; rarely found away from agricultural areas. Inhabits herbaceous and open stages of most habitats in cismontane California (CDFW 2017).	N	Suitable habitat not present.
<i>Empidonax traillii</i>	willow flycatcher	-	SE		Obligate riparian breeders. Nest in willow or alder habitats associated with moist meadows, perennial streams, and smaller spring-fed or boggy areas (Craig and Williams 1998). Resident in the Sierra Nevada and Cascade Range. Breeds along the Santa Ynez river in Santa Barbara County and along the Santa Clara River in Ventura County (CDFW 2017)	N	Suitable habitat not present.
<i>Falco peregrinus anatum</i>	American peregrine falcon	FD	SD FP		Breeds near wetlands lakes, rivers, or other waters on cliffs, banks, dunes or mounds, mostly in woodland, forest and coastal habitats. Nest is a scrape on a depression or ledge in an open site. May use man-made structures, snags, or trees for nesting (CDFW 2017).	N	Suitable habitat not present.
<i>Geothlypis trichas sinuosa</i>	saltmarsh common yellowthroat	-	SSC		Breeds and winters in wet meadow, fresh emergent wetland, and saline emergent wetland habitats. Also breeds in valley foothill riparian, occasionally in desert riparian, annual grassland, and perennial grassland habitats (CDFW 2017).	Y	Suitable habitat present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Haliaeetus leucocephalus</i>	bald eagle	FD	SE FP		Nests in large, old-growth, or dominant live tree with open branchwork, especially ponderosa pine. Requires large bodies of water or rivers with abundant fish, and adjacent snags. Permanent resident, and uncommon winter migrant, now restricted to breeding mostly in Butte, Lake, Lassen, Modoc, Plumas, Shasta, Siskiyou, and Trinity cos. About half of the wintering population is in the Klamath Basin (CDFW 2017).	N	Project area outside the range for this species.
<i>Lanius ludovicianus</i>	loggerhead shrike	-	SSC		Breed in shrublands or open woodlands with a fair amount of grass cover and areas of bare ground (Shuford and Gardali 2008).	Y	Documented onsite and suitable habitat present.
<i>Laterallus jamaicensis coturniculus</i>	California black rail	-	ST FP		Yearlong resident of saline, brackish, and fresh emergent wetlands (CDFW 2017).	Y	Suitable habitat present.
<i>Melospiza melodia maxillaris</i>	Suisun song sparrow	-	SSC		Confined to tidal salt and brackish marshes fringing Carquinez Strait and Suisun Bay east to Antioch, at the confluence of the San Joaquin and Sacramento Rivers (Shuford and Gardali 2008).	N	Project area outside the range for this species.
<i>Melospiza melodia pusillula</i>	Alameda song sparrow	-	SSC		Tidal salt marshes (Shuford and Gardali 2008).	Y	Suitable habitat present.
<i>Melospiza melodia samuelis</i>	San Pablo song sparrow	-	SSC		Tidal salt marshes (Shuford and Gardali 2008).	Y	Suitable habitat present.
<i>Passerculus sandwichensis alaudinus</i>	Bryant's savannah sparrow	-	SSC		Inhabits low tidally influenced habitats, adjacent ruderal areas, moist grasslands within and just above the fog belt, and, infrequently, drier grasslands (Shuford and Gardali 2008).	Y	Suitable habitat present.
<i>Pelecanus occidentalis californicus</i>	California brown pelican	FD	FP		Warm coastal marine and estuarine environments. Rare inland. Breeds primarily on islands (Cornell University 2017).	Y	Suitable habitat present.
<i>Rallus obsoletus obsoletus</i>	Ridgway's rail	FE	SE FP		Occur in tidal salt and brackish marshes with unrestricted daily tidal flows, adequate invertebrate prey, well developed tidal channel networks, and suitable nesting and escape cover as refugia during extreme high tides (USFWS 2013).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Riparia riparia</i>	bank swallow	-	ST		Riparian areas with sandy, vertical bluffs or riverbanks. Also nest in earthen banks and bluffs, as well as sand and gravel pits (CDFW 2017).	N	Suitable habitat not present.
<i>Rynchops niger</i>	black skimmer	-	SSC		Requires calm, shallow water for foraging, and sand bars, beaches, or dikes for roosting and nesting (CDFW 2017).	Y	Suitable habitat present.
<i>Setophaga petechia</i>	yellow warbler	-	SSC		Breeding occurs from the coast range in Del Norte county, east to the Modoc plateau, south along the coast range to Santa Barbara and Ventura counties, and along the western slope of the Sierra Nevada south to Kern county (CDFW 2017).	N	Suitable habitat not present.
<i>Sternula antillarum browni</i>	California least tern	FE	SE FP		Nest and roost in colonies on open beaches, forage near shore ocean waters and in shallow estuaries ad lagoons (USFWS 2006).	Y	Suitable habitat present.
<i>Xanthocephalus xanthocephalus</i>	yellow-headed blackbird	-	SSC		Nest in marshes with tall, emergent vegetation (e.g., tules and cattails) adjacent to deepwater (Shuford and Gardali 2008).	N	Project area outside the range for this species (CDFW 2017).
Mammals							

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Antrozous pallidus</i>	pallid bat	-	SSC		Day roosts are in caves, crevices, mines, and occasionally in hollow trees and buildings (CDFW 2017).	N	Suitable habitat not present.
<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	-	SSC		Cave-dwelling, also roosts in old mine-workings, occasionally found in buildings. Population concentrations in areas with cavity-forming rock and in old mining districts (Bolster 1998).	N	Suitable habitat not present.
<i>Enhydra lutris nereis</i>	southern sea otter	FT	FP		Found in nearshore marine environments with giant and bull kelp from Ano Nuevo, San Mateo County to Point Sal, Santa Barbara County (CDFW 2017).	N	Suitable habitat not present.
<i>Lasiurus blossevillii</i>	western red bat	-	SSC		Roosting habitat includes forests and woodlands, often in edge habitats adjacent to streams, fields, or urban areas (CDFW 2017).	N	Suitable habitat not present.
<i>Microtus californicus sanpabloensis</i>	San Pablo vole	-	SSC		Known from salt marshes along San Pablo Creek in Contra Costa County, on the south shore of San Pablo Bay (Williams 1986)	N	Project area outside species range.
<i>Neotoma fuscipes annectens</i>	San Francisco dusky-footed woodrat	-	SSC		Common to abundant in forest habitats with moderate canopy cover, and moderate to dense understory cover, as well as in chaparral habitats. Generally absent from cultivated land and open grasslands (CDFW 2017).	N	Suitable habitat not present.
<i>Nyctinomops macrotis</i>	big free-tailed bat	-	SSC		Rare in California; records are from urban areas in San Diego County. A probable vagrant was collected in Alameda County, but the record validity is in question. Typically prefer rugged, rocky terrain. Roosts in buildings, caves, and sometimes tree cavities (CDFW 2017).	N	Project area outside species range.
<i>Reithrodontomys raviventris</i>	salt marsh harvest mouse	FE	SE		Salt marshes with dense stands of pickleweed; adjacent to upland, salt-tolerant vegetation (USFWS 1984).	N	Consultation with USFWS is ongoing, and this species is not one that is considered to have a potential to be adversely affected by the Project and, therefore, require consultation under the federal Endangered Species Act.
<i>Scapanus latimanus parvus</i>	Alameda Island mole	-	SSC		Known only from Alameda Island; however, no observational records could be located that confirm the existence of an extant population on Alameda Island (Bolster 1998).	N	Population on Alameda Island presumed extirpated.
<i>Sorex vagrans halicoetes</i>	salt-marsh wandering shrew	-	SSC		Inhabits salt marsh habitats with dense cover, abundant invertebrates, suitable nesting and resting sites, and continuous ground moisture. Current range is confined to small remnant stands of salt marsh found around the southern arm of the San Francisco Bay in San Mateo, Santa Clara, Alameda, and Contra Costa counties (CDFW 2017).	Y	Suitable habitat present.
<i>Taxidea taxus</i>	American badger	-	SSC		Open shrub, forest and herbaceous habitats with friable soils. Associated with treeless regions, prairies, park lands and cold desert areas. Range includes most of California, except the North Coast (CDFW 2017).	N	Suitable habitat not present.

Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
<i>Zapus trinotatus orarius</i>	Point Reyes jumping mouse	-	SSC		Wet, marshy coastal meadows; loose, humus-filled dark soils associated with coast redwood forests; thickets of deciduous woody vegetation along streams and seepage areas; and grassy areas beneath open-canopied coniferous forests. Restricted to the Point Reyes Peninsula in southern and western Marin County, where it is known from five localities (CDFW 2017).	N	Project area outside species range.

Key	
Federal & State Status	
(FC) Federal Candidate	(SCE) State Candidate Endangered
(FE) Federally Endangered	(SCT) State Candidate Threatened
(FD) Federally Delisted	(SE) State Endangered
(FPE) Federally Proposed Endangered	(SR) State Rare
(FT) Federally Threatened	(SSC) State Species of Special Concern
(NMFS) Species under their jurisdiction	(ST) State Threatened
(X) Critical habitat designated for this species	(FP) Fully Protected
CNPS Rare Plant Rank	
Rareness Ranks	
(1B) Rare, Threatened, or Endangered in California and Elsewhere	
(2) Rare, Threatened, or Endangered in California, But More Common Elsewhere	
Threat Ranks	
(0.1) Seriously threatened in California	
(0.2) Fairly threatened in California	
(0.3) Not very threatened in California	

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Scientific Name	Common Name	Federal Status	State Status	CNPS Rare Plant Rank	General Habitat Characteristics	Impacts Analyzed Y=Yes N=No	Rationale
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Key	
Federal & State Status	
(FC) Federal Candidate	(SCE) State Candidate Endangered
(FE) Federally Endangered	(SCT) State Candidate Threatened
(FD) Federally Delisted	(SE) State Endangered
(FPE) Federally Proposed Endangered	(SR) State Rare
(FT) Federally Threatened	(SSC) State Species of Special Concern
(NMFS) Species under the Jurisdiction of the National Marine Fisheries Service	(ST) State Threatened
(X) Critical habitat designated for this species	(FP) Fully Protected
CNPS Rare Plant Rank	
<i>Rareness Ranks</i>	
(1A) Presumed Extinct in California	
(1B) Rare, Threatened, or Endangered in California and Elsewhere	
(2) Rare, Threatened, or Endangered in California, But More Common Elsewhere	
(3) More Species Information Needed	
(4) Limited Distribution	
<i>Threat Ranks</i>	
(0.1) Seriously threatened in California	
(0.2) Fairly threatened in California	
(0.3) Not very threatened in California	



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

Phone: (916) 414-6600 Fax: (916) 414-6713



In Reply Refer To:

June 21, 2019

Consultation Code: 08ESMF00-2019-SLI-2266

Event Code: 08ESMF00-2019-E-07213

Project Name: Alameda VA

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, under the jurisdiction of the U.S. Fish and Wildlife Service (Service) that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

Please follow the link below to see if your proposed project has the potential to affect other species or their habitats under the jurisdiction of the National Marine Fisheries Service:

http://www.nwr.noaa.gov/protected_species/species_list/species_lists.html

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Sacramento Fish And Wildlife Office

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846
(916) 414-6600

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

San Francisco Bay-Delta Fish And Wildlife

650 Capitol Mall
Suite 8-300
Sacramento, CA 95814
(916) 930-5603

Project Summary

Consultation Code: 08ESMF00-2019-SLI-2266

Event Code: 08ESMF00-2019-E-07213

Project Name: Alameda VA

Project Type: ** OTHER **

Project Description: Alameda VA

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/37.786876543263666N122.32053074033223W>



Counties: Alameda, CA | San Francisco, CA

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Reptiles

NAME	STATUS
Green Sea Turtle <i>Chelonia mydas</i> Population: East Pacific DPS No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6199	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
San Francisco Bay-Delta Fish And Wildlife
650 Capitol Mall
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Sacramento, CA 95814
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http://kim_squires@fws.gov



In Reply Refer To:
Consultation Code: 08FBDT00-2019-SLI-0225
Event Code: 08FBDT00-2019-E-00514
Project Name: Alameda VA

June 21, 2019

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

San Francisco Bay-Delta Fish And Wildlife

650 Capitol Mall

Suite 8-300

Sacramento, CA 95814

(916) 930-5603

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

Sacramento Fish And Wildlife Office

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

(916) 414-6600

Project Summary

Consultation Code: 08FBDT00-2019-SLI-0225

Event Code: 08FBDT00-2019-E-00514

Project Name: Alameda VA

Project Type: ** OTHER **

Project Description: Alameda VA

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/37.786876543263666N122.32053074033223W>



Counties: Alameda, CA | San Francisco, CA

Endangered Species Act Species

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Salt Marsh Harvest Mouse <i>Reithrodontomys raviventris</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/613	Endangered

Birds

NAME	STATUS
California Clapper Rail <i>Rallus longirostris obsoletus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4240	Endangered
California Least Tern <i>Sterna antillarum browni</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8104	Endangered
Western Snowy Plover <i>Charadrius nivosus nivosus</i> Population: Pacific Coast population DPS-U.S.A. (CA, OR, WA), Mexico (within 50 miles of Pacific coast) There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8035	Threatened

Reptiles

NAME	STATUS
Alameda Whipsnake (=striped Racer) <i>Masticophis lateralis euryxanthus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5524	Threatened

Amphibians

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2891	Threatened

Fishes

NAME	STATUS
Delta Smelt <i>Hypomesus transpacificus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/321	Threatened

Insects

NAME	STATUS
San Bruno Elfin Butterfly <i>Callophrys mossii bayensis</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3394	Endangered

Flowering Plants

NAME	STATUS
California Seablite <i>Suaeda californica</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6310	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior



In Reply Refer to:
08ESMF00-
2009-F-0952-6

FISH AND WILDLIFE SERVICE
Sacramento Fish and Wildlife Office
2800 Cottage Way, Suite W-2605
Sacramento, California 95825-1846

DEC 10 2019

Gus Ballis
Environmental Program Manager
Northern California Region
Department of Veterans Affairs
VA Northern California Health Care System
10535 Hospital Way
Mather, California 95655

Subject: Proposed Changes to Naval Air Station Alameda Disposal and Reuse Project
(Service file no. 81420-2009-F-0952-4)

Dear Mr. Ballis:

This letter is in response to your August 5, 2019, letter to the U.S. Fish and Wildlife Service (Service) regarding changes to the U.S. Department of Veteran's Affairs (VA) Alameda Outpatient Clinic and National Cemetery Complex Project proposed for construction at the decommissioned Naval Air Station Alameda. At issue are effects to the federally endangered California least tern (*Sternula antillarum*) and the federally threatened western snowy plover (*Charadrius nivosus nivosus*). Your letter was received in our office on August 13, 2019.

The Service's August 29, 2012, biological opinion covered the effects of the construction and operations of a VA outpatient clinic and national cemetery complex, along with the City of Alameda's redevelopment project at the former Naval Air Station Alameda. The VA is proposing three changes to the project description: 1) improvements to the existing stormwater management system; 2) the construction/restoration of a tidal marsh mitigation area; and 3) the installation of a temporary modular outpatient clinic.

The stormwater management system improvements would be built to convey stormwater from the new VA facilities to the Bay. All work would be done approximately 2,100 feet from the California least tern colony and no adverse effects are anticipated to the birds from this activity, due to the distance from the colony.

The onsite mitigation area would consist of at least 8 acres of created tidal marsh habitat, a 13.7 acre tidal marsh enhancement area, and a 0.5 acre splash pad/maintenance road. All construction activities for this action will occur outside of the tern nesting period when the birds are not in Alameda, so no adverse effects will result from this activity.

The temporary modular complex will be constructed to allow medical outpatient services to be made available onsite prior to completion of the permanent facilities. The proposed complex would

include approximately 10,800 square feet of modular buildings and would be sited just south of the proposed north road that would be constructed within the footprint of disturbance previously evaluated in the 2012 Biological Opinion. The complex would consist of three modular trailers measuring 3,600 square feet each. The total height of the modular trailers would be at or below 20 feet. The complex would be installed in 2021 and is anticipated to be removed by 2026, within 3 months of opening the permanent facilities. The temporary modular complex has been sited outside the California least tern buffer which was described in the biological opinion; as a result, no additional adverse effects to California least terns would occur as a result of this project change.

Therefore, in summary, the proposed project changes will not result in any additional effects beyond those described in the August 2012 biological opinion and the conclusions for that biological opinion stand: the project is not likely to adversely affect the Western snowy plover and the project is not likely to jeopardize the California least tern.

Unless new information reveals effects of the project that may affect federally listed species or critical habitat in a manner not identified to date, or if a new species is listed or critical habitat is designated that may be affected by the proposed action, no further action pursuant to the Act is necessary for the proposed changes to Naval Air Station Alameda Disposal and Reuse Project.

If you have any questions regarding this letter, please contact Ryan Olah, Coast Bay Division Chief (ryan_olah@fws.gov) at the letterhead address or telephone (916) 414-6623.

Sincerely,



Ryan Olah
Division Chief, Coast Bay

CNDDDB 9-Quad Species List 618 records.

Element Type	Scientific Name	Common Name	Element Code	Federal Status	State Status	CDFW Status	CA Rare Plant Rank	Quad Code	Quad Name	Data Status	Taxonomic Sort
Animals - Amphibians	Ambystoma californiense	California tiger salamander	AAAAA01180	Threatened	Threatened	WL	-	3712262	San Leandro	Mapped	Animals - Amphibians - Ambystomatidae - Ambystoma californiense
Animals - Amphibians	Ambystoma californiense	California tiger salamander	AAAAA01180	Threatened	Threatened	WL	-	3712272	Oakland East	Mapped	Animals - Amphibians - Ambystomatidae - Ambystoma californiense
Animals - Amphibians	Ambystoma californiense	California tiger salamander	AAAAA01180	Threatened	Threatened	WL	-	3712273	Oakland West	Mapped	Animals - Amphibians - Ambystomatidae - Ambystoma californiense
Animals - Amphibians	Dicamptodon ensatus	California giant salamander	AAAAH01020	None	None	SSC	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Amphibians - Dicamptodontidae - Dicamptodon ensatus
Animals - Amphibians	Rana boylei	foothill yellow-legged frog	AAABH01050	None	Candidate Threatened	SSC	-	3712282	Briones Valley	Mapped	Animals - Amphibians - Ranidae - Rana boylei
Animals - Amphibians	Rana boylei	foothill yellow-legged frog	AAABH01050	None	Candidate Threatened	SSC	-	3712272	Oakland East	Mapped	Animals - Amphibians - Ranidae - Rana boylei
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Amphibians	Rana draytonii	California red-legged frog	AAABH01022	Threatened	None	SSC	-	3712284	San Quentin	Mapped	Animals - Amphibians - Ranidae - Rana draytonii
Animals - Arachnids	Banksula incredula	incredible harvestman	ILARA14100	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Arachnids - Phalangodidae - Banksula incredula
Animals - Arachnids	Microcina leei	Lee's micro-blind harvestman	ILARA47040	None	None	-	-	3712272	Oakland East	Mapped	Animals - Arachnids - Phalangodidae - Microcina leei
Animals - Arachnids	Microcina leei	Lee's micro-blind harvestman	ILARA47040	None	None	-	-	3712283	Richmond	Mapped	Animals - Arachnids - Phalangodidae - Microcina leei

Animals - Arachnids	Microcina tiburona	Tiburon micro-blind harvestman	ILARA47060	None	None	-	-	3712284	San Quentin	Mapped	Animals - Arachnids - Phalangodidae - Microcina tiburona
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712284	San Quentin	Mapped	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712283	Richmond	Unprocessed	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712273	Oakland West	Mapped	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter cooperii	Cooper's hawk	ABNKC12040	None	None	WL	-	3712262	San Leandro	Mapped	Animals - Birds - Accipitridae - Accipiter cooperii
Animals - Birds	Accipiter gentilis	northern goshawk	ABNKC12060	None	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Accipiter gentilis
Animals - Birds	Accipiter striatus	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Accipiter striatus
Animals - Birds	Accipiter striatus	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Accipiter striatus
Animals - Birds	Accipiter striatus	sharp-shinned hawk	ABNKC12020	None	None	WL	-	3712272	Oakland East	Unprocessed	Animals - Birds - Accipitridae - Accipiter striatus
Animals - Birds	Aquila chrysaetos	golden eagle	ABNKC22010	None	None	FP , WL	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos
Animals - Birds	Aquila chrysaetos	golden eagle	ABNKC22010	None	None	FP , WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos
Animals - Birds	Aquila chrysaetos	golden eagle	ABNKC22010	None	None	FP , WL	-	3712283	Richmond	Unprocessed	Animals - Birds - Accipitridae - Aquila chrysaetos
Animals - Birds	Buteo regalis	ferruginous hawk	ABNKC19120	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Buteo regalis
Animals - Birds	Buteo regalis	ferruginous hawk	ABNKC19120	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Buteo regalis
Animals - Birds	Buteo regalis	ferruginous hawk	ABNKC19120	None	None	WL	-	3712272	Oakland East	Unprocessed	Animals - Birds - Accipitridae - Buteo regalis
Animals - Birds	Buteo swainsoni	Swainson's hawk	ABNKC19070	None	Threatened	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Buteo swainsoni
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712284	San Quentin	Mapped	Animals - Birds - Accipitridae - Circus hudsonius

Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Circus hudsonius	northern harrier	ABNKC11011	None	None	SSC	-	3712262	San Leandro	Mapped	Animals - Birds - Accipitridae - Circus hudsonius
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712262	San Leandro	Unprocessed	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712272	Oakland East	Unprocessed	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712284	San Quentin	Mapped	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Elanus leucurus	white-tailed kite	ABNKC06010	None	None	FP	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Accipitridae - Elanus leucurus
Animals - Birds	Haliaeetus leucocephalus	bald eagle	ABNKC10010	Delisted	Endangered	FP	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Animals - Birds	Haliaeetus leucocephalus	bald eagle	ABNKC10010	Delisted	Endangered	FP	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Animals - Birds	Haliaeetus leucocephalus	bald eagle	ABNKC10010	Delisted	Endangered	FP	-	3712283	Richmond	Unprocessed	Animals - Birds - Accipitridae - Haliaeetus leucocephalus
Animals - Birds	Eremophila alpestris actia	California horned lark	ABPAT02011	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Alaudidae - Eremophila alpestris actia
Animals - Birds	Eremophila alpestris actia	California horned lark	ABPAT02011	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Alaudidae - Eremophila alpestris actia
Animals - Birds	Eremophila alpestris actia	California horned lark	ABPAT02011	None	None	WL	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Alaudidae - Eremophila alpestris actia
Animals - Birds	Anser albifrons elgasi	tule greater white-fronted goose	ABNJB03043	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Anatidae - Anser albifrons elgasi
Animals - Birds	Branta hutchinsii leucopareia	cackling (=Aleutian Canada) goose	ABNJB05035	Delisted	None	WL	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Birds - Anatidae - Branta hutchinsii leucopareia
Animals - Birds	Chaetura vauxi	Vaux's swift	ABNUA03020	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Birds - Apodidae - Chaetura vauxi
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712262	San Leandro	Unprocessed	Animals - Birds - Ardeidae - Ardea alba

Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Animals - Birds	Ardea alba	great egret	ABNGA04040	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Ardeidae - Ardea alba
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Ardea herodias	great blue heron	ABNGA04010	None	None	-	-	3712283	Richmond	Unprocessed	Animals - Birds - Ardeidae - Ardea herodias
Animals - Birds	Botaurus lentiginosus	American bittern	ABNGA01020	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Ardeidae - Botaurus lentiginosus
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712262	San Leandro	Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Egretta thula	snowy egret	ABNGA06030	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Ardeidae - Egretta thula
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712262	San Leandro	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax

Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Nycticorax nycticorax	black-crowned night heron	ABNGA11010	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Ardeidae - Nycticorax nycticorax
Animals - Birds	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031	Threatened	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Charadriidae - Charadrius alexandrinus nivosus
Animals - Birds	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031	Threatened	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Charadriidae - Charadrius alexandrinus nivosus
Animals - Birds	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031	Threatened	None	SSC	-	3712263	Hunters Point	Mapped	Animals - Birds - Charadriidae - Charadrius alexandrinus nivosus
Animals - Birds	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031	Threatened	None	SSC	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Charadriidae - Charadrius alexandrinus nivosus
Animals - Birds	Charadrius alexandrinus nivosus	western snowy plover	ABNNB03031	Threatened	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Birds - Charadriidae - Charadrius alexandrinus nivosus
Animals - Birds	Pica nuttalli	yellow-billed magpie	ABPAV09020	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Corvidae - Pica nuttalli
Animals - Birds	Pica nuttalli	yellow-billed magpie	ABPAV09020	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Corvidae - Pica nuttalli
Animals - Birds	Falco columbarius	merlin	ABNKD06030	None	None	WL	-	3712272	Oakland East	Unprocessed	Animals - Birds - Falconidae - Falco columbarius
Animals - Birds	Falco columbarius	merlin	ABNKD06030	None	None	WL	-	3712262	San Leandro	Unprocessed	Animals - Birds - Falconidae - Falco columbarius
Animals - Birds	Falco columbarius	merlin	ABNKD06030	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Falconidae - Falco columbarius
Animals - Birds	Falco columbarius	merlin	ABNKD06030	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Falconidae - Falco columbarius
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco mexicanus	prairie falcon	ABNKD06090	None	None	WL	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Falconidae - Falco mexicanus
Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3712264	San Francisco South	Mapped	Animals - Birds - Falconidae - Falco peregrinus anatum
Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco peregrinus anatum
Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3712273	Oakland West	Unprocessed	Animals - Birds - Falconidae - Falco peregrinus anatum
Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Birds - Falconidae - Falco peregrinus anatum

Animals - Birds	Falco peregrinus anatum	American peregrine falcon	ABNKD06071	Delisted	Delisted	FP	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Falconidae - Falco peregrinus anatum
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3712283	Richmond	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Spinus lawrencei	Lawrence's goldfinch	ABPBY06100	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Fringillidae - Spinus lawrencei
Animals - Birds	Riparia riparia	bank swallow	ABPAU08010	None	Threatened	-	-	3712264	San Francisco South	Mapped	Animals - Birds - Hirundinidae - Riparia riparia
Animals - Birds	Riparia riparia	bank swallow	ABPAU08010	None	Threatened	-	-	3712274	San Francisco North	Mapped	Animals - Birds - Hirundinidae - Riparia riparia
Animals - Birds	Xanthocephalus xanthocephalus	yellow-headed blackbird	ABPBXB3010	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Birds - Icteridae - Xanthocephalus xanthocephalus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Lanius ludovicianus	loggerhead shrike	ABPBR01030	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Laniidae - Lanius ludovicianus
Animals - Birds	Hydroprogne caspia	Caspian tern	ABNNM08020	None	None	-	-	3712283	Richmond	Mapped	Animals - Birds - Laridae - Hydroprogne caspia
Animals - Birds	Hydroprogne caspia	Caspian tern	ABNNM08020	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Laridae - Hydroprogne caspia
Animals - Birds	Larus californicus	California gull	ABNNM03110	None	None	WL	-	3712262	San Leandro	Unprocessed	Animals - Birds - Laridae - Larus californicus
Animals - Birds	Rynchops niger	black skimmer	ABNNM14010	None	None	SSC	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Laridae - Rynchops niger
Animals - Birds	Sternula antillarum browni	California least tern	ABNNM08103	Endangered	Endangered	FP	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Laridae - Sternula antillarum browni
Animals - Birds	Sternula antillarum browni	California least tern	ABNNM08103	Endangered	Endangered	FP	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Laridae - Sternula antillarum browni
Animals - Birds	Sternula antillarum browni	California least tern	ABNNM08103	Endangered	Endangered	FP	-	3712283	Richmond	Unprocessed	Animals - Birds - Laridae - Sternula antillarum browni
Animals - Birds	Thalasseus elegans	elegant tern	ABNNM08040	None	None	WL	-	3712263	Hunters Point	Unprocessed	Animals - Birds - Laridae - Thalasseus elegans
Animals - Birds	Pandion haliaetus	osprey	ABNKC01010	None	None	WL	-	3712283	Richmond	Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus
Animals - Birds	Pandion haliaetus	osprey	ABNKC01010	None	None	WL	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Pandionidae - Pandion haliaetus
Animals - Birds	Baeolophus inornatus	oak titmouse	ABPAW01100	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Paridae - Baeolophus inornatus

Animals - Birds	Baeolophus inornatus	oak titmouse	ABPAW01100	None	None	-	-	3712283	Richmond	Unprocessed	Animals - Birds - Paridae - Baeolophus inornatus
Animals - Birds	Baeolophus inornatus	oak titmouse	ABPAW01100	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Paridae - Baeolophus inornatus
Animals - Birds	Baeolophus inornatus	oak titmouse	ABPAW01100	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Paridae - Baeolophus inornatus
Animals - Birds	Geothlypis trichas sinuosa	saltmarsh common yellowthroat	ABPBX1201A	None	None	SSC	-	3712273	Oakland West	Mapped	Animals - Birds - Parulidae - Geothlypis trichas sinuosa
Animals - Birds	Geothlypis trichas sinuosa	saltmarsh common yellowthroat	ABPBX1201A	None	None	SSC	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Birds - Parulidae - Geothlypis trichas sinuosa
Animals - Birds	Geothlypis trichas sinuosa	saltmarsh common yellowthroat	ABPBX1201A	None	None	SSC	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Parulidae - Geothlypis trichas sinuosa
Animals - Birds	Geothlypis trichas sinuosa	saltmarsh common yellowthroat	ABPBX1201A	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Birds - Parulidae - Geothlypis trichas sinuosa
Animals - Birds	Geothlypis trichas sinuosa	saltmarsh common yellowthroat	ABPBX1201A	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Birds - Parulidae - Geothlypis trichas sinuosa
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Setophaga petechia	yellow warbler	ABPBX03010	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Parulidae - Setophaga petechia
Animals - Birds	Ammodramus savannarum	grasshopper sparrow	ABPBXA0020	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Passerellidae - Ammodramus savannarum
Animals - Birds	Ammodramus savannarum	grasshopper sparrow	ABPBXA0020	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Passerellidae - Ammodramus savannarum
Animals - Birds	Ammodramus savannarum	grasshopper sparrow	ABPBXA0020	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Passerellidae - Ammodramus savannarum
Animals - Birds	Melospiza melodia maxillaris	Suisun song sparrow	ABPBXA301K	None	None	SSC	-	3712282	Briones Valley	Mapped	Animals - Birds - Passerellidae - Melospiza melodia maxillaris
Animals - Birds	Melospiza melodia maxillaris	Suisun song sparrow	ABPBXA301K	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia maxillaris
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia pusillula

Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712264	San Francisco South	Mapped	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia pusillula	Alameda song sparrow	ABPBXA301S	None	None	SSC	-	3712263	Hunters Point	Mapped	Animals - Birds - Passerellidae - Melospiza melodia pusillula
Animals - Birds	Melospiza melodia samuelis	San Pablo song sparrow	ABPBXA301W	None	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia samuelis
Animals - Birds	Melospiza melodia samuelis	San Pablo song sparrow	ABPBXA301W	None	None	SSC	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Passerellidae - Melospiza melodia samuelis
Animals - Birds	Melospiza melodia samuelis	San Pablo song sparrow	ABPBXA301W	None	None	SSC	-	3712274	San Francisco North	Mapped	Animals - Birds - Passerellidae - Melospiza melodia samuelis
Animals - Birds	Passerculus sandwichensis alaudinus	Bryant's savannah sparrow	ABPBX99011	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis alaudinus
Animals - Birds	Passerculus sandwichensis alaudinus	Bryant's savannah sparrow	ABPBX99011	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis alaudinus
Animals - Birds	Passerculus sandwichensis alaudinus	Bryant's savannah sparrow	ABPBX99011	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Passerellidae - Passerculus sandwichensis alaudinus
Animals - Birds	Pelecanus occidentalis californicus	California brown pelican	ABNFC01021	Delisted	Delisted	FP	-	3712273	Oakland West	Unprocessed	Animals - Birds - Pelecanidae - Pelecanus occidentalis californicus
Animals - Birds	Pelecanus occidentalis californicus	California brown pelican	ABNFC01021	Delisted	Delisted	FP	-	3712263	Hunters Point	Unprocessed	Animals - Birds - Pelecanidae - Pelecanus occidentalis californicus
Animals - Birds	Pelecanus occidentalis californicus	California brown pelican	ABNFC01021	Delisted	Delisted	FP	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Pelecanidae - Pelecanus occidentalis californicus
Animals - Birds	Pelecanus occidentalis californicus	California brown pelican	ABNFC01021	Delisted	Delisted	FP	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Pelecanidae - Pelecanus occidentalis californicus
Animals - Birds	Phalacrocorax auritus	double-crested cormorant	ABNFD01020	None	None	WL	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Birds - Phalacrocoracidae - Phalacrocorax auritus
Animals - Birds	Phalacrocorax auritus	double-crested cormorant	ABNFD01020	None	None	WL	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Phalacrocoracidae - Phalacrocorax auritus

Animals - Birds	Phalacrocorax auritus	double-crested cormorant	ABNFD01020	None	None	WL	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Birds - Phalacrocoracidae - Phalacrocorax auritus
Animals - Birds	Phalacrocorax auritus	double-crested cormorant	ABNFD01020	None	None	WL	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Phalacrocoracidae - Phalacrocorax auritus
Animals - Birds	Coturnicops noveboracensis	yellow rail	ABNME01010	None	None	SSC	-	3712273	Oakland West	Mapped	Animals - Birds - Rallidae - Coturnicops noveboracensis
Animals - Birds	Coturnicops noveboracensis	yellow rail	ABNME01010	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Birds - Rallidae - Coturnicops noveboracensis
Animals - Birds	Coturnicops noveboracensis	yellow rail	ABNME01010	None	None	SSC	-	3712262	San Leandro	Mapped	Animals - Birds - Rallidae - Coturnicops noveboracensis
Animals - Birds	Coturnicops noveboracensis	yellow rail	ABNME01010	None	None	SSC	-	3712282	Briones Valley	Mapped	Animals - Birds - Rallidae - Coturnicops noveboracensis
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712274	San Francisco North	Mapped	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712264	San Francisco South	Mapped	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Laterallus jamaicensis coturniculus	California black rail	ABNME03041	None	Threatened	FP	-	3712273	Oakland West	Mapped	Animals - Birds - Rallidae - Laterallus jamaicensis coturniculus
Animals - Birds	Rallus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus
Animals - Birds	Rallus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus
Animals - Birds	Rallus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus
Animals - Birds	Rallus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712263	Hunters Point	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus

Animals - Birds	Rallus obsoletus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus obsoletus
Animals - Birds	Rallus obsoletus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus obsoletus
Animals - Birds	Rallus obsoletus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus obsoletus
Animals - Birds	Rallus obsoletus obsoletus	California Ridgway's rail	ABNME05011	Endangered	Endangered	FP	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Rallidae - Rallus obsoletus obsoletus
Animals - Birds	Numenius americanus	long-billed curlew	ABNNF07070	None	None	WL	-	3712284	San Quentin	Unprocessed	Animals - Birds - Scolopacidae - Numenius americanus
Animals - Birds	Numenius americanus	long-billed curlew	ABNNF07070	None	None	WL	-	3712283	Richmond	Unprocessed	Animals - Birds - Scolopacidae - Numenius americanus
Animals - Birds	Numenius americanus	long-billed curlew	ABNNF07070	None	None	WL	-	3712272	Oakland East	Unprocessed	Animals - Birds - Scolopacidae - Numenius americanus
Animals - Birds	Asio flammeus	short-eared owl	ABNSB13040	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Strigidae - Asio flammeus
Animals - Birds	Asio flammeus	short-eared owl	ABNSB13040	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Strigidae - Asio flammeus
Animals - Birds	Asio flammeus	short-eared owl	ABNSB13040	None	None	SSC	-	3712284	San Quentin	Mapped	Animals - Birds - Strigidae - Asio flammeus
Animals - Birds	Asio otus	long-eared owl	ABNSB13010	None	None	SSC	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Strigidae - Asio otus
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Athene cunicularia	burrowing owl	ABNSB10010	None	None	SSC	-	3712264	San Francisco South	Unprocessed	Animals - Birds - Strigidae - Athene cunicularia
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3712273	Oakland West	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Selasphorus rufus	rufous hummingbird	ABNUC51020	None	None	-	-	3712283	Richmond	Unprocessed	Animals - Birds - Trochilidae - Selasphorus rufus
Animals - Birds	Empidonax traillii	willow flycatcher	ABPAE33040	None	Endangered	-	-	3712282	Briones Valley	Unprocessed	Animals - Birds - Tyrannidae - Empidonax traillii

Animals - Crustaceans	Caecidotea tomalensis	Tomales isopod	ICMAL01220	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Crustaceans - Asellidae - Caecidotea tomalensis
Animals - Fish	Acipenser medirostris	green sturgeon	AFCAA01030	Threatened	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Acipenseridae - Acipenser medirostris
Animals - Fish	Acipenser transmontanus	white sturgeon	AFCAA01050	None	None	SSC	-	3712263	Hunters Point	Unprocessed	Animals - Fish - Acipenseridae - Acipenser transmontanus
Animals - Fish	Acipenser transmontanus	white sturgeon	AFCAA01050	None	None	SSC	-	3712262	San Leandro	Unprocessed	Animals - Fish - Acipenseridae - Acipenser transmontanus
Animals - Fish	Archoplites interruptus	Sacramento perch	AFCQB07010	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Fish - Centrarchidae - Archoplites interruptus
Animals - Fish	Archoplites interruptus	Sacramento perch	AFCQB07010	None	None	SSC	-	3712282	Briones Valley	Mapped	Animals - Fish - Centrarchidae - Archoplites interruptus
Animals - Fish	Mylopharodon conocephalus	hardhead	AFCJB25010	None	None	SSC	-	3712264	San Francisco South	Mapped	Animals - Fish - Cyprinidae - Mylopharodon conocephalus
Animals - Fish	Pogonichthys macrolepidotus	Sacramento splittail	AFCJB34020	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Cyprinidae - Pogonichthys macrolepidotus
Animals - Fish	Eucyclogobius newberryi	tidewater goby	AFCQN04010	Endangered	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Fish - Gobiidae - Eucyclogobius newberryi
Animals - Fish	Eucyclogobius newberryi	tidewater goby	AFCQN04010	Endangered	None	SSC	-	3712264	San Francisco South	Mapped	Animals - Fish - Gobiidae - Eucyclogobius newberryi
Animals - Fish	Eucyclogobius newberryi	tidewater goby	AFCQN04010	Endangered	None	SSC	-	3712273	Oakland West	Mapped	Animals - Fish - Gobiidae - Eucyclogobius newberryi
Animals - Fish	Eucyclogobius newberryi	tidewater goby	AFCQN04010	Endangered	None	SSC	-	3712272	Oakland East	Mapped	Animals - Fish - Gobiidae - Eucyclogobius newberryi
Animals - Fish	Hypomesus transpacificus	Delta smelt	AFCHB01040	Threatened	Endangered	-	-	3712273	Oakland West	Unprocessed	Animals - Fish - Osmeridae - Hypomesus transpacificus
Animals - Fish	Hypomesus transpacificus	Delta smelt	AFCHB01040	Threatened	Endangered	-	-	3712274	San Francisco North	Unprocessed	Animals - Fish - Osmeridae - Hypomesus transpacificus
Animals - Fish	Hypomesus transpacificus	Delta smelt	AFCHB01040	Threatened	Endangered	-	-	3712284	San Quentin	Unprocessed	Animals - Fish - Osmeridae - Hypomesus transpacificus
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712283	Richmond	Mapped	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Fish - Osmeridae - Spirinchus thaleichthys

Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712272	Oakland East	Mapped	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712262	San Leandro	Mapped	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712263	Hunters Point	Mapped and Unprocessed	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Spirinchus thaleichthys	longfin smelt	AFCHB03010	Candidate	Threatened	-	-	3712264	San Francisco South	Mapped	Animals - Fish - Osmeridae - Spirinchus thaleichthys
Animals - Fish	Thaleichthys pacificus	eulachon	AFCHB04010	Threatened	None	-	-	3712284	San Quentin	Mapped	Animals - Fish - Osmeridae - Thaleichthys pacificus
Animals - Fish	Entosphenus tridentatus	Pacific lamprey	AFBAA02100	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Petromyzontidae - Entosphenus tridentatus
Animals - Fish	Lampetra ayresii	river lamprey	AFBAA02030	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Petromyzontidae - Lampetra ayresii
Animals - Fish	Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	AFCHA0209K	Threatened	None	-	-	3712284	San Quentin	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 11
Animals - Fish	Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	AFCHA0209K	Threatened	None	-	-	3712273	Oakland West	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 11
Animals - Fish	Oncorhynchus mykiss irideus pop. 16	steelhead - northern California DPS	AFCHA0209Q	Threatened	None	-	-	3712283	Richmond	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 16
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712283	Richmond	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712284	San Quentin	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712273	Oakland West	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712272	Oakland East	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8
Animals - Fish	Oncorhynchus mykiss irideus pop. 8	steelhead - central California coast DPS	AFCHA0209G	Threatened	None	-	-	3712262	San Leandro	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus mykiss irideus pop. 8

Animals - Fish	Oncorhynchus tshawytscha pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	AFCHA0205N	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 13
Animals - Fish	Oncorhynchus tshawytscha pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	AFCHA0205N	None	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 13
Animals - Fish	Oncorhynchus tshawytscha pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	AFCHA0205N	None	None	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 13
Animals - Fish	Oncorhynchus tshawytscha pop. 30	chinook salmon - upper Klamath and Trinity Rivers ESU	AFCHA02056	None	Candidate Endangered	SSC	-	3712284	San Quentin	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 30
Animals - Fish	Oncorhynchus tshawytscha pop. 6	chinook salmon - Central Valley spring-run ESU	AFCHA0205A	Threatened	Threatened	-	-	3712284	San Quentin	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 6
Animals - Fish	Oncorhynchus tshawytscha pop. 6	chinook salmon - Central Valley spring-run ESU	AFCHA0205A	Threatened	Threatened	-	-	3712274	San Francisco North	Unprocessed	Animals - Fish - Salmonidae - Oncorhynchus tshawytscha pop. 6
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712282	Briones Valley	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712284	San Quentin	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712283	Richmond	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712273	Oakland West	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712272	Oakland East	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus caliginosus	obscure bumble bee	IIHYM24380	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Apidae - Bombus caliginosus
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis

Animals - Insects	Bombus occidentalis	western bumble bee	IIHYM24250	None	None	-	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Insects - Apidae - Bombus occidentalis
Animals - Insects	Cicindela hirticollis gravida	sandy beach tiger beetle	IICOL02101	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Carabidae - Cicindela hirticollis gravida
Animals - Insects	Cicindela hirticollis gravida	sandy beach tiger beetle	IICOL02101	None	None	-	-	3712273	Oakland West	Mapped	Animals - Insects - Carabidae - Cicindela hirticollis gravida
Animals - Insects	Cicindela hirticollis gravida	sandy beach tiger beetle	IICOL02101	None	None	-	-	3712263	Hunters Point	Mapped	Animals - Insects - Carabidae - Cicindela hirticollis gravida
Animals - Insects	Cicindela hirticollis gravida	sandy beach tiger beetle	IICOL02101	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Carabidae - Cicindela hirticollis gravida
Animals - Insects	Ischnura gemina	San Francisco forktail damselfly	IIDOD72010	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Coenagrionidae - Ischnura gemina
Animals - Insects	Hydroporus leechi	Leech's skyline diving beetle	IICOL55040	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Dytiscidae - Hydroporus leechi
Animals - Insects	Lichnanthe ursina	bumblebee scarab beetle	IICOL67020	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Glaphyridae - Lichnanthe ursina
Animals - Insects	Lichnanthe ursina	bumblebee scarab beetle	IICOL67020	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Glaphyridae - Lichnanthe ursina
Animals - Insects	Dufourea stagei	Stage's dufourine bee	IIHYM22010	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Halictidae - Dufourea stagei
Animals - Insects	Adela operella	Opler's longhorn moth	IILEE0G040	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Incurvariidae - Adela operella
Animals - Insects	Adela operella	Opler's longhorn moth	IILEE0G040	None	None	-	-	3712284	San Quentin	Mapped	Animals - Insects - Incurvariidae - Adela operella
Animals - Insects	Callophrys mossii bayensis	San Bruno elfin butterfly	IILEPE2202	Endangered	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Lycaenidae - Callophrys mossii bayensis
Animals - Insects	Plebejus icarioides missionensis	Mission blue butterfly	IILEPG801A	Endangered	None	-	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Insects - Lycaenidae - Plebejus icarioides missionensis
Animals - Insects	Plebejus icarioides missionensis	Mission blue butterfly	IILEPG801A	Endangered	None	-	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Insects - Lycaenidae - Plebejus icarioides missionensis
Animals - Insects	Trachusa gummifera	San Francisco Bay Area leaf-cutter bee	IIHYM80010	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Megachilidae - Trachusa gummifera
Animals - Insects	Trachusa gummifera	San Francisco Bay Area leaf-cutter bee	IIHYM80010	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Insects - Megachilidae - Trachusa gummifera
Animals - Insects	Trachusa gummifera	San Francisco Bay Area leaf-cutter bee	IIHYM80010	None	None	-	-	3712263	Hunters Point	Mapped	Animals - Insects - Megachilidae - Trachusa gummifera
Animals - Insects	Trachusa gummifera	San Francisco Bay Area leaf-cutter bee	IIHYM80010	None	None	-	-	3712273	Oakland West	Mapped	Animals - Insects - Megachilidae - Trachusa gummifera

Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712264	San Francisco South	Unprocessed	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712284	San Quentin	Mapped	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Danaus plexippus pop. 1	monarch - California overwintering population	IILEPP2012	None	None	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Danaus plexippus pop. 1
Animals - Insects	Euphydryas editha bayensis	Bay checkerspot butterfly	IILEPK4055	Threatened	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Nymphalidae - Euphydryas editha bayensis
Animals - Insects	Euphydryas editha bayensis	Bay checkerspot butterfly	IILEPK4055	Threatened	None	-	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Euphydryas editha bayensis
Animals - Insects	Euphydryas editha bayensis	Bay checkerspot butterfly	IILEPK4055	Threatened	None	-	-	3712272	Oakland East	Mapped	Animals - Insects - Nymphalidae - Euphydryas editha bayensis
Animals - Insects	Speyeria callippe callippe	callippe silverspot butterfly	IILEPJ6091	Endangered	None	-	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Insects - Nymphalidae - Speyeria callippe callippe
Animals - Insects	Speyeria callippe callippe	callippe silverspot butterfly	IILEPJ6091	Endangered	None	-	-	3712274	San Francisco North	Mapped	Animals - Insects - Nymphalidae - Speyeria callippe callippe
Animals - Mammals	Zapus trinotatus orarius	Point Reyes jumping mouse	AMAFH01031	None	None	SSC	-	3712274	San Francisco North	Mapped	Animals - Mammals - Dipodidae - Zapus trinotatus orarius
Animals - Mammals	Erethizon dorsatum	North American porcupine	AMAFJ01010	None	None	-	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Mammals - Erethizontidae - Erethizon dorsatum
Animals - Mammals	Erethizon dorsatum	North American porcupine	AMAFJ01010	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Mammals - Erethizontidae - Erethizon dorsatum
Animals - Mammals	Dipodomys heermanni berkeleyensis	Berkeley kangaroo rat	AMAFD03061	None	None	-	-	3712272	Oakland East	Mapped	Animals - Mammals - Heteromyidae - Dipodomys heermanni berkeleyensis
Animals - Mammals	Dipodomys heermanni berkeleyensis	Berkeley kangaroo rat	AMAFD03061	None	None	-	-	3712282	Briones Valley	Mapped	Animals - Mammals - Heteromyidae - Dipodomys heermanni berkeleyensis
Animals - Mammals	Nyctinomops macrotis	big free-tailed bat	AMACD04020	None	None	SSC	-	3712282	Briones Valley	Mapped	Animals - Mammals - Molossidae - Nyctinomops macrotis

Animals - Mammals	Nyctinomops macrotis	big free-tailed bat	AMACD04020	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Mammals - Molossidae - Nyctinomops macrotis
Animals - Mammals	Nyctinomops macrotis	big free-tailed bat	AMACD04020	None	None	SSC	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Mammals - Molossidae - Nyctinomops macrotis
Animals - Mammals	Microtus californicus sanpabloensis	San Pablo vole	AMAFF11034	None	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Mammals - Muridae - Microtus californicus sanpabloensis
Animals - Mammals	Microtus californicus sanpabloensis	San Pablo vole	AMAFF11034	None	None	SSC	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Mammals - Muridae - Microtus californicus sanpabloensis
Animals - Mammals	Neotoma fuscipes annectens	San Francisco dusky-footed woodrat	AMAFF08082	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Mammals - Muridae - Neotoma fuscipes annectens
Animals - Mammals	Neotoma fuscipes annectens	San Francisco dusky-footed woodrat	AMAFF08082	None	None	SSC	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Mammals - Muridae - Neotoma fuscipes annectens
Animals - Mammals	Neotoma fuscipes annectens	San Francisco dusky-footed woodrat	AMAFF08082	None	None	SSC	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Mammals - Muridae - Neotoma fuscipes annectens
Animals - Mammals	Reithrodontomys raviventris	salt-marsh harvest mouse	AMAFF02040	Endangered	Endangered	FP	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Mammals - Muridae - Reithrodontomys raviventris
Animals - Mammals	Reithrodontomys raviventris	salt-marsh harvest mouse	AMAFF02040	Endangered	Endangered	FP	-	3712262	San Leandro	Mapped and Unprocessed	Animals - Mammals - Muridae - Reithrodontomys raviventris
Animals - Mammals	Reithrodontomys raviventris	salt-marsh harvest mouse	AMAFF02040	Endangered	Endangered	FP	-	3712283	Richmond	Mapped and Unprocessed	Animals - Mammals - Muridae - Reithrodontomys raviventris
Animals - Mammals	Reithrodontomys raviventris	salt-marsh harvest mouse	AMAFF02040	Endangered	Endangered	FP	-	3712284	San Quentin	Mapped and Unprocessed	Animals - Mammals - Muridae - Reithrodontomys raviventris
Animals - Mammals	Enhydra lutris nereis	southern sea otter	AMAJF09012	Threatened	None	FP	-	3712274	San Francisco North	Mapped	Animals - Mammals - Mustelidae - Enhydra lutris nereis
Animals - Mammals	Taxidea taxus	American badger	AMAJF04010	None	None	SSC	-	3712274	San Francisco North	Mapped	Animals - Mammals - Mustelidae - Taxidea taxus
Animals - Mammals	Taxidea taxus	American badger	AMAJF04010	None	None	SSC	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Mammals - Mustelidae - Taxidea taxus
Animals - Mammals	Taxidea taxus	American badger	AMAJF04010	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Mammals - Mustelidae - Taxidea taxus
Animals - Mammals	Sorex vagrans halicoetes	salt-marsh wandering shrew	AMABA01071	None	None	SSC	-	3712262	San Leandro	Mapped	Animals - Mammals - Soricidae - Sorex vagrans halicoetes
Animals - Mammals	Sorex vagrans halicoetes	salt-marsh wandering shrew	AMABA01071	None	None	SSC	-	3712284	San Quentin	Mapped	Animals - Mammals - Soricidae - Sorex vagrans halicoetes

Animals - Mammals	Sorex vagrans halicoetes	salt-marsh wandering shrew	AMABA01071	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Mammals - Soricidae - Sorex vagrans halicoetes
Animals - Mammals	Scapanus latimanus insularis	Angel Island mole	AMABB02032	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Mammals - Talpidae - Scapanus latimanus insularis
Animals - Mammals	Scapanus latimanus parvus	Alameda Island mole	AMABB02031	None	None	SSC	-	3712262	San Leandro	Mapped	Animals - Mammals - Talpidae - Scapanus latimanus parvus
Animals - Mammals	Scapanus latimanus parvus	Alameda Island mole	AMABB02031	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Mammals - Talpidae - Scapanus latimanus parvus
Animals - Mammals	Scapanus latimanus parvus	Alameda Island mole	AMABB02031	None	None	SSC	-	3712273	Oakland West	Mapped	Animals - Mammals - Talpidae - Scapanus latimanus parvus
Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3712273	Oakland West	Mapped	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Antrozous pallidus	pallid bat	AMACC10010	None	None	SSC	-	3712284	San Quentin	Mapped	Animals - Mammals - Vespertilionidae - Antrozous pallidus
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712283	Richmond	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712282	Briones Valley	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712272	Oakland East	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712273	Oakland West	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii
Animals - Mammals	Corynorhinus townsendii	Townsend's big-eared bat	AMACC08010	None	None	SSC	-	3712264	San Francisco South	Mapped	Animals - Mammals - Vespertilionidae - Corynorhinus townsendii

Animals - Mammals	Lasionycteris noctivagans	silver-haired bat	AMACC02010	None	None	-	-	3712272	Oakland East	Mapped	Animals - Mammals - Vespertilionidae - Lasionycteris noctivagans
Animals - Mammals	Lasionycteris noctivagans	silver-haired bat	AMACC02010	None	None	-	-	3712283	Richmond	Mapped	Animals - Mammals - Vespertilionidae - Lasionycteris noctivagans
Animals - Mammals	Lasiurus blossevillei	western red bat	AMACC05060	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus blossevillei
Animals - Mammals	Lasiurus blossevillei	western red bat	AMACC05060	None	None	SSC	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus blossevillei
Animals - Mammals	Lasiurus blossevillei	western red bat	AMACC05060	None	None	SSC	-	3712264	San Francisco South	Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus blossevillei
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712264	San Francisco South	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712273	Oakland West	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Lasiurus cinereus	hoary bat	AMACC05030	None	None	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Mammals - Vespertilionidae - Lasiurus cinereus
Animals - Mammals	Myotis lucifugus	little brown bat	AMACC01010	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Mammals - Vespertilionidae - Myotis lucifugus
Animals - Mammals	Myotis yumanensis	Yuma myotis	AMACC01020	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Mammals - Vespertilionidae - Myotis yumanensis
Animals - Mammals	Myotis yumanensis	Yuma myotis	AMACC01020	None	None	-	-	3712282	Briones Valley	Unprocessed	Animals - Mammals - Vespertilionidae - Myotis yumanensis
Animals - Mammals	Myotis yumanensis	Yuma myotis	AMACC01020	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Mammals - Vespertilionidae - Myotis yumanensis
Animals - Mollusks	Helminthoglypta nickliniana bridgesi	Bridges' coast range shoulderband	IMGASC2362	None	None	-	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Mollusks - Helminthoglyptidae - Helminthoglypta nickliniana bridgesi
Animals - Mollusks	Helminthoglypta nickliniana bridgesi	Bridges' coast range shoulderband	IMGASC2362	None	None	-	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Mollusks - Helminthoglyptidae - Helminthoglypta nickliniana bridgesi
Animals - Mollusks	Helminthoglypta nickliniana bridgesi	Bridges' coast range shoulderband	IMGASC2362	None	None	-	-	3712283	Richmond	Mapped	Animals - Mollusks - Helminthoglyptidae - Helminthoglypta nickliniana bridgesi

Animals - Mollusks	Tryonia imitator	mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	-	-	3712284	San Quentin	Mapped	Animals - Mollusks - Hydrobiidae - Tryonia imitator
Animals - Mollusks	Tryonia imitator	mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	-	-	3712272	Oakland East	Mapped	Animals - Mollusks - Hydrobiidae - Tryonia imitator
Animals - Mollusks	Tryonia imitator	mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	-	-	3712273	Oakland West	Mapped	Animals - Mollusks - Hydrobiidae - Tryonia imitator
Animals - Mollusks	Tryonia imitator	mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	-	-	3712262	San Leandro	Mapped	Animals - Mollusks - Hydrobiidae - Tryonia imitator
Animals - Mollusks	Tryonia imitator	mimic tryonia (=California brackishwater snail)	IMGASJ7040	None	None	-	-	3712263	Hunters Point	Mapped	Animals - Mollusks - Hydrobiidae - Tryonia imitator
Animals - Mollusks	Vespericola marinensis	Marin hesperian	IMGASA4140	None	None	-	-	3712274	San Francisco North	Mapped	Animals - Mollusks - Polygyridae - Vespericola marinensis
Animals - Mollusks	Anodonta californiensis	California floater	IMBIV04020	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Mollusks - Unionidae - Anodonta californiensis
Animals - Mollusks	Anodonta californiensis	California floater	IMBIV04020	None	None	-	-	3712264	San Francisco South	Unprocessed	Animals - Mollusks - Unionidae - Anodonta californiensis
Animals - Mollusks	Anodonta oregonensis	Oregon floater	IMBIV04110	None	None	-	-	3712274	San Francisco North	Unprocessed	Animals - Mollusks - Unionidae - Anodonta oregonensis
Animals - Mollusks	Gonidea angulata	western ridged mussel	IMBIV19010	None	None	-	-	3712272	Oakland East	Unprocessed	Animals - Mollusks - Unionidae - Gonidea angulata
Animals - Reptiles	Masticophis lateralis euryxanthus	Alameda whipsnake	ARADB21031	Threatened	Threatened	-	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Reptiles - Colubridae - Masticophis lateralis euryxanthus
Animals - Reptiles	Masticophis lateralis euryxanthus	Alameda whipsnake	ARADB21031	Threatened	Threatened	-	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Reptiles - Colubridae - Masticophis lateralis euryxanthus
Animals - Reptiles	Masticophis lateralis euryxanthus	Alameda whipsnake	ARADB21031	Threatened	Threatened	-	-	3712283	Richmond	Mapped and Unprocessed	Animals - Reptiles - Colubridae - Masticophis lateralis euryxanthus
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3712283	Richmond	Mapped and Unprocessed	Animals - Reptiles - Emydidae - Emys marmorata
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3712282	Briones Valley	Mapped and Unprocessed	Animals - Reptiles - Emydidae - Emys marmorata
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3712274	San Francisco North	Mapped and Unprocessed	Animals - Reptiles - Emydidae - Emys marmorata
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3712272	Oakland East	Mapped and Unprocessed	Animals - Reptiles - Emydidae - Emys marmorata
Animals - Reptiles	Emys marmorata	western pond turtle	ARAAD02030	None	None	SSC	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Reptiles - Emydidae - Emys marmorata
Animals - Reptiles	Thamnophis sirtalis tetrataenia	San Francisco gartersnake	ARADB3613B	Endangered	Endangered	FP	-	3712264	San Francisco South	Mapped and Unprocessed	Animals - Reptiles - Natricidae - Thamnophis sirtalis tetrataenia

Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3712272	Oakland East	Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3712273	Oakland West	Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3712274	San Francisco North	Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Animals - Reptiles	Phrynosoma blainvillii	coast horned lizard	ARACF12100	None	None	SSC	-	3712283	Richmond	Unprocessed	Animals - Reptiles - Phrynosomatidae - Phrynosoma blainvillii
Community - Terrestrial	Coastal Terrace Prairie	Coastal Terrace Prairie	CTT41100CA	None	None	-	-	3712284	San Quentin	Mapped	Community - Terrestrial - Coastal Terrace Prairie
Community - Terrestrial	Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	CTT52110CA	None	None	-	-	3712284	San Quentin	Mapped	Community - Terrestrial - Northern Coastal Salt Marsh
Community - Terrestrial	Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	CTT52110CA	None	None	-	-	3712283	Richmond	Mapped	Community - Terrestrial - Northern Coastal Salt Marsh
Community - Terrestrial	Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	CTT52110CA	None	None	-	-	3712273	Oakland West	Mapped	Community - Terrestrial - Northern Coastal Salt Marsh
Community - Terrestrial	Northern Coastal Salt Marsh	Northern Coastal Salt Marsh	CTT52110CA	None	None	-	-	3712262	San Leandro	Mapped	Community - Terrestrial - Northern Coastal Salt Marsh
Community - Terrestrial	Northern Maritime Chaparral	Northern Maritime Chaparral	CTT37C10CA	None	None	-	-	3712272	Oakland East	Mapped	Community - Terrestrial - Northern Maritime Chaparral
Community - Terrestrial	Northern Maritime Chaparral	Northern Maritime Chaparral	CTT37C10CA	None	None	-	-	3712283	Richmond	Mapped	Community - Terrestrial - Northern Maritime Chaparral
Community - Terrestrial	Northern Maritime Chaparral	Northern Maritime Chaparral	CTT37C10CA	None	None	-	-	3712282	Briones Valley	Mapped	Community - Terrestrial - Northern Maritime Chaparral
Community - Terrestrial	Serpentine Bunchgrass	Serpentine Bunchgrass	CTT42130CA	None	None	-	-	3712284	San Quentin	Mapped	Community - Terrestrial - Serpentine Bunchgrass
Community - Terrestrial	Serpentine Bunchgrass	Serpentine Bunchgrass	CTT42130CA	None	None	-	-	3712272	Oakland East	Mapped	Community - Terrestrial - Serpentine Bunchgrass
Community - Terrestrial	Valley Needlegrass Grassland	Valley Needlegrass Grassland	CTT42110CA	None	None	-	-	3712283	Richmond	Mapped	Community - Terrestrial - Valley Needlegrass Grassland
Plants - Bryophytes	Fissidens pauperculus	minute pocket moss	NBMUS2W0U0	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Bryophytes - Fissidentaceae - Fissidens pauperculus
Plants - Bryophytes	Fissidens pauperculus	minute pocket moss	NBMUS2W0U0	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Bryophytes - Fissidentaceae - Fissidens pauperculus
Plants - Bryophytes	Triquetrella californica	coastal triquetrella	NBMUS7S010	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Bryophytes - Pottiaceae - Triquetrella californica
Plants - Bryophytes	Triquetrella californica	coastal triquetrella	NBMUS7S010	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Bryophytes - Pottiaceae - Triquetrella californica

Plants - Bryophytes	Triquetrella californica	coastal triquetrella	NBMUS7S010	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Bryophytes - Pottiaceae - Triquetrella californica
Plants - Lichens	Hypogymnia schizidiata	island tube lichen	NLT0032640	None	None	-	1B.3	3712274	San Francisco North	Mapped	Plants - Lichens - Parmeliaceae - Hypogymnia schizidiata
Plants - Vascular	Allium peninsulare var. franciscanum	Franciscan onion	PMLIL021R1	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Alliaceae - Allium peninsulare var. franciscanum
Plants - Vascular	Cicuta maculata var. bolanderi	Bolander's water-hemlock	PDAP10M051	None	None	-	2B.1	3712282	Briones Valley	Mapped	Plants - Vascular - Apiaceae - Cicuta maculata var. bolanderi
Plants - Vascular	Eryngium jepsonii	Jepson's coyote-thistle	PDAP10Z130	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Apiaceae - Eryngium jepsonii
Plants - Vascular	Eryngium jepsonii	Jepson's coyote-thistle	PDAP10Z130	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Apiaceae - Eryngium jepsonii
Plants - Vascular	Sanicula maritima	adobe sanicle	PDAP11Z0D0	None	Rare	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Apiaceae - Sanicula maritima
Plants - Vascular	Sanicula maritima	adobe sanicle	PDAP11Z0D0	None	Rare	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Apiaceae - Sanicula maritima
Plants - Vascular	Sanicula maritima	adobe sanicle	PDAP11Z0D0	None	Rare	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Apiaceae - Sanicula maritima
Plants - Vascular	Sanicula maritima	adobe sanicle	PDAP11Z0D0	None	Rare	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Apiaceae - Sanicula maritima
Plants - Vascular	Sanicula maritima	adobe sanicle	PDAP11Z0D0	None	Rare	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Apiaceae - Sanicula maritima
Plants - Vascular	Centromadia parryi ssp. congdonii	Congdon's tarplant	PDAST4R0P1	None	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Asteraceae - Centromadia parryi ssp. congdonii
Plants - Vascular	Centromadia parryi ssp. parryi	pappose tarplant	PDAST4R0P2	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Centromadia parryi ssp. parryi
Plants - Vascular	Cirsium andrewsii	Franciscan thistle	PDAST2E050	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Cirsium andrewsii
Plants - Vascular	Cirsium andrewsii	Franciscan thistle	PDAST2E050	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Cirsium andrewsii
Plants - Vascular	Cirsium andrewsii	Franciscan thistle	PDAST2E050	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Asteraceae - Cirsium andrewsii
Plants - Vascular	Cirsium hydrophilum var. vaseyi	Mt. Tamalpais thistle	PDAST2E1G2	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Cirsium hydrophilum var. vaseyi
Plants - Vascular	Cirsium occidentale var. compactum	compact cobwebby thistle	PDAST2E1Z1	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Cirsium occidentale var. compactum
Plants - Vascular	Grindelia hirsutula var. maritima	San Francisco gumplant	PDAST470D3	None	None	-	3.2	3712264	San Francisco South	Mapped and Unprocessed	Plants - Vascular - Asteraceae - Grindelia hirsutula var. maritima
Plants - Vascular	Grindelia hirsutula var. maritima	San Francisco gumplant	PDAST470D3	None	None	-	3.2	3712274	San Francisco North	Mapped and Unprocessed	Plants - Vascular - Asteraceae - Grindelia hirsutula var. maritima
Plants - Vascular	Helianthella castanea	Diablo helianthella	PDAST4M020	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Asteraceae - Helianthella castanea

Plants - Vascular	Helianthella castanea	Diablo helianthella	PDAST4M020	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Asteraceae - Helianthella castanea
Plants - Vascular	Helianthella castanea	Diablo helianthella	PDAST4M020	None	None	-	1B.2	3712264	San Francisco South	Mapped and Unprocessed	Plants - Vascular - Asteraceae - Helianthella castanea
Plants - Vascular	Helianthella castanea	Diablo helianthella	PDAST4M020	None	None	-	1B.2	3712263	Hunters Point	Mapped	Plants - Vascular - Asteraceae - Helianthella castanea
Plants - Vascular	Helianthella castanea	Diablo helianthella	PDAST4M020	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Asteraceae - Helianthella castanea
Plants - Vascular	Hemizonia congesta ssp. congesta	congested-headed hayfield tarplant	PDAST4R065	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Asteraceae - Hemizonia congesta ssp. congesta
Plants - Vascular	Hemizonia congesta ssp. congesta	congested-headed hayfield tarplant	PDAST4R065	None	None	-	1B.2	3712263	Hunters Point	Mapped	Plants - Vascular - Asteraceae - Hemizonia congesta ssp. congesta
Plants - Vascular	Hemizonia congesta ssp. congesta	congested-headed hayfield tarplant	PDAST4R065	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Hemizonia congesta ssp. congesta
Plants - Vascular	Hemizonia congesta ssp. congesta	congested-headed hayfield tarplant	PDAST4R065	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Hemizonia congesta ssp. congesta
Plants - Vascular	Hesperervax caulescens	hogwallow starfish	PDASTE5020	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Asteraceae - Hesperervax caulescens
Plants - Vascular	Hesperervax sparsiflora var. brevifolia	short-leaved evax	PDASTE5011	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Hesperervax sparsiflora var. brevifolia
Plants - Vascular	Holocarpha macradenia	Santa Cruz tarplant	PDAST4X020	Threatened	Endangered	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Asteraceae - Holocarpha macradenia
Plants - Vascular	Holocarpha macradenia	Santa Cruz tarplant	PDAST4X020	Threatened	Endangered	-	1B.1	3712282	Briones Valley	Mapped	Plants - Vascular - Asteraceae - Holocarpha macradenia
Plants - Vascular	Holocarpha macradenia	Santa Cruz tarplant	PDAST4X020	Threatened	Endangered	-	1B.1	3712283	Richmond	Mapped	Plants - Vascular - Asteraceae - Holocarpha macradenia
Plants - Vascular	Isocoma arguta	Carquinez goldenbush	PDAST57050	None	None	-	1B.1	3712282	Briones Valley	Mapped	Plants - Vascular - Asteraceae - Isocoma arguta
Plants - Vascular	Lasthenia conjugens	Contra Costa goldfields	PDAST5L040	Endangered	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Asteraceae - Lasthenia conjugens
Plants - Vascular	Layia carnosa	beach layia	PDAST5N010	Endangered	Endangered	-	1B.1	3712263	Hunters Point	Mapped	Plants - Vascular - Asteraceae - Layia carnosa
Plants - Vascular	Layia carnosa	beach layia	PDAST5N010	Endangered	Endangered	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Layia carnosa
Plants - Vascular	Layia carnosa	beach layia	PDAST5N010	Endangered	Endangered	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Asteraceae - Layia carnosa
Plants - Vascular	Layia carnosa	beach layia	PDAST5N010	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Layia carnosa

Plants - Vascular	Lessingia germanorum	San Francisco lessingia	PDAST5S010	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Lessingia germanorum
Plants - Vascular	Lessingia germanorum	San Francisco lessingia	PDAST5S010	Endangered	Endangered	-	1B.1	3712264	San Francisco South	Mapped and Unprocessed	Plants - Vascular - Asteraceae - Lessingia germanorum
Plants - Vascular	Lessingia hololeuca	woolly-headed lessingia	PDAST5S030	None	None	-	3	3712282	Briones Valley	Unprocessed	Plants - Vascular - Asteraceae - Lessingia hololeuca
Plants - Vascular	Lessingia hololeuca	woolly-headed lessingia	PDAST5S030	None	None	-	3	3712284	San Quentin	Unprocessed	Plants - Vascular - Asteraceae - Lessingia hololeuca
Plants - Vascular	Micropus amphibolus	Mt. Diablo cottonweed	PDAST6D030	None	None	-	3.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Asteraceae - Micropus amphibolus
Plants - Vascular	Microseris paludosa	marsh microseris	PDAST6E0D0	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Microseris paludosa
Plants - Vascular	Monolopia gracilens	woodland woollythreads	PDAST6G010	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Asteraceae - Monolopia gracilens
Plants - Vascular	Monolopia gracilens	woodland woollythreads	PDAST6G010	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Asteraceae - Monolopia gracilens
Plants - Vascular	Pentachaeta bellidiflora	white-rayed pentachaeta	PDAST6X030	Endangered	Endangered	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Pentachaeta bellidiflora
Plants - Vascular	Pentachaeta bellidiflora	white-rayed pentachaeta	PDAST6X030	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Pentachaeta bellidiflora
Plants - Vascular	Pentachaeta bellidiflora	white-rayed pentachaeta	PDAST6X030	Endangered	Endangered	-	1B.1	3712284	San Quentin	Mapped	Plants - Vascular - Asteraceae - Pentachaeta bellidiflora
Plants - Vascular	Senecio aphanactis	chaparral ragwort	PDAST8H060	None	None	-	2B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Asteraceae - Senecio aphanactis
Plants - Vascular	Stebbinsoseris decipiens	Santa Cruz microseris	PDAST6E050	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Asteraceae - Stebbinsoseris decipiens
Plants - Vascular	Symphyotrichum lentum	Suisun Marsh aster	PDAST6E470	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Asteraceae - Symphyotrichum lentum
Plants - Vascular	Amsinckia lunaris	bent-flowered fiddleneck	PDBOR01070	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Boraginaceae - Amsinckia lunaris
Plants - Vascular	Amsinckia lunaris	bent-flowered fiddleneck	PDBOR01070	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Boraginaceae - Amsinckia lunaris
Plants - Vascular	Amsinckia lunaris	bent-flowered fiddleneck	PDBOR01070	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Boraginaceae - Amsinckia lunaris
Plants - Vascular	Amsinckia lunaris	bent-flowered fiddleneck	PDBOR01070	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Boraginaceae - Amsinckia lunaris
Plants - Vascular	Amsinckia lunaris	bent-flowered fiddleneck	PDBOR01070	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Boraginaceae - Amsinckia lunaris
Plants - Vascular	Plagiobothrys chorisianus var. chorisianus	Choris' popcornflower	PDBOR0V061	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys chorisianus var. chorisianus

Plants - Vascular	Plagiobothrys chorisianus var. chorisianus	Choris' popcornflower	PDBOR0V061	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys chorisianus var. chorisianus
Plants - Vascular	Plagiobothrys chorisianus var. chorisianus	Choris' popcornflower	PDBOR0V061	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys chorisianus var. chorisianus
Plants - Vascular	Plagiobothrys diffusus	San Francisco popcornflower	PDBOR0V080	None	Endangered	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys diffusus
Plants - Vascular	Plagiobothrys diffusus	San Francisco popcornflower	PDBOR0V080	None	Endangered	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys diffusus
Plants - Vascular	Plagiobothrys glaber	hairless popcornflower	PDBOR0V0B0	None	None	-	1A	3712274	San Francisco North	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys glaber
Plants - Vascular	Plagiobothrys glaber	hairless popcornflower	PDBOR0V0B0	None	None	-	1A	3712284	San Quentin	Mapped	Plants - Vascular - Boraginaceae - Plagiobothrys glaber
Plants - Vascular	Arabis blepharophylla	coast rockcress	PDBRA06040	None	None	-	4.3	3712284	San Quentin	Unprocessed	Plants - Vascular - Brassicaceae - Arabis blepharophylla
Plants - Vascular	Arabis blepharophylla	coast rockcress	PDBRA06040	None	None	-	4.3	3712274	San Francisco North	Unprocessed	Plants - Vascular - Brassicaceae - Arabis blepharophylla
Plants - Vascular	Arabis blepharophylla	coast rockcress	PDBRA06040	None	None	-	4.3	3712264	San Francisco South	Unprocessed	Plants - Vascular - Brassicaceae - Arabis blepharophylla
Plants - Vascular	Erysimum franciscanum	San Francisco wallflower	PDBRA160A0	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Brassicaceae - Erysimum franciscanum
Plants - Vascular	Erysimum franciscanum	San Francisco wallflower	PDBRA160A0	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Brassicaceae - Erysimum franciscanum
Plants - Vascular	Streptanthus albidus ssp. peramoenus	most beautiful jewelflower	PDBRA2G012	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Brassicaceae - Streptanthus albidus ssp. peramoenus
Plants - Vascular	Streptanthus albidus ssp. peramoenus	most beautiful jewelflower	PDBRA2G012	None	None	-	1B.2	3712272	Oakland East	Mapped and Unprocessed	Plants - Vascular - Brassicaceae - Streptanthus albidus ssp. peramoenus
Plants - Vascular	Streptanthus glandulosus ssp. niger	Tiburon jewelflower	PDBRA2G0T0	Endangered	Endangered	-	1B.1	3712284	San Quentin	Mapped	Plants - Vascular - Brassicaceae - Streptanthus glandulosus ssp. niger
Plants - Vascular	Viburnum ellipticum	oval-leaved viburnum	PDCPR07080	None	None	-	2B.3	3712282	Briones Valley	Mapped	Plants - Vascular - Caprifoliaceae - Viburnum ellipticum
Plants - Vascular	Viburnum ellipticum	oval-leaved viburnum	PDCPR07080	None	None	-	2B.3	3712273	Oakland West	Mapped	Plants - Vascular - Caprifoliaceae - Viburnum ellipticum
Plants - Vascular	Arenaria paludicola	marsh sandwort	PDCAR040L0	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Caryophyllaceae - Arenaria paludicola
Plants - Vascular	Silene scouleri ssp. scouleri	Scouler's catchfly	PDCAR0U1MC	None	None	-	2B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Caryophyllaceae - Silene scouleri ssp. scouleri

Plants - Vascular	<i>Silene verecunda</i> ssp. <i>verecunda</i>	San Francisco campion	PDCAR0U213	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Caryophyllaceae - <i>Silene verecunda</i> ssp. <i>verecunda</i>
Plants - Vascular	<i>Silene verecunda</i> ssp. <i>verecunda</i>	San Francisco campion	PDCAR0U213	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Caryophyllaceae - <i>Silene verecunda</i> ssp. <i>verecunda</i>
Plants - Vascular	<i>Spergularia macrotheca</i> var. <i>longistyla</i>	long-styled sand-spurrey	PDCAR0W062	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Caryophyllaceae - <i>Spergularia macrotheca</i> var. <i>longistyla</i>
Plants - Vascular	<i>Spergularia macrotheca</i> var. <i>longistyla</i>	long-styled sand-spurrey	PDCAR0W062	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Caryophyllaceae - <i>Spergularia macrotheca</i> var. <i>longistyla</i>
Plants - Vascular	<i>Spergularia macrotheca</i> var. <i>longistyla</i>	long-styled sand-spurrey	PDCAR0W062	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Caryophyllaceae - <i>Spergularia macrotheca</i> var. <i>longistyla</i>
Plants - Vascular	<i>Spergularia macrotheca</i> var. <i>longistyla</i>	long-styled sand-spurrey	PDCAR0W062	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Caryophyllaceae - <i>Spergularia macrotheca</i> var. <i>longistyla</i>
Plants - Vascular	<i>Extriplex joaquinana</i>	San Joaquin spearscale	PDCHE041F3	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Chenopodiaceae - <i>Extriplex joaquinana</i>
Plants - Vascular	<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Chenopodiaceae - <i>Suaeda californica</i>
Plants - Vascular	<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Chenopodiaceae - <i>Suaeda californica</i>
Plants - Vascular	<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	-	1B.1	3712263	Hunters Point	Mapped	Plants - Vascular - Chenopodiaceae - <i>Suaeda californica</i>
Plants - Vascular	<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Chenopodiaceae - <i>Suaeda californica</i>
Plants - Vascular	<i>Suaeda californica</i>	California seablite	PDCHE0P020	Endangered	None	-	1B.1	3712283	Richmond	Mapped	Plants - Vascular - Chenopodiaceae - <i>Suaeda californica</i>
Plants - Vascular	<i>Calystegia purpurata</i> ssp. <i>saxicola</i>	coastal bluff morning-glory	PDCON040D2	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Convolvulaceae - <i>Calystegia purpurata</i> ssp. <i>saxicola</i>
Plants - Vascular	<i>Carex comosa</i>	bristly sedge	PMCYP032Y0	None	None	-	2B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Cyperaceae - <i>Carex comosa</i>
Plants - Vascular	<i>Carex comosa</i>	bristly sedge	PMCYP032Y0	None	None	-	2B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Cyperaceae - <i>Carex comosa</i>
Plants - Vascular	<i>Carex comosa</i>	bristly sedge	PMCYP032Y0	None	None	-	2B.1	3712263	Hunters Point	Mapped	Plants - Vascular - Cyperaceae - <i>Carex comosa</i>
Plants - Vascular	<i>Carex comosa</i>	bristly sedge	PMCYP032Y0	None	None	-	2B.1	3712273	Oakland West	Mapped	Plants - Vascular - Cyperaceae - <i>Carex comosa</i>
Plants - Vascular	<i>Carex praticola</i>	northern meadow sedge	PMCYP03B20	None	None	-	2B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Cyperaceae - <i>Carex praticola</i>
Plants - Vascular	<i>Equisetum palustre</i>	marsh horsetail	PPEQU01050	None	None	-	3	3712274	San Francisco North	Unprocessed	Plants - Vascular - Equisetaceae - <i>Equisetum palustre</i>
Plants - Vascular	<i>Arctostaphylos franciscana</i>	Franciscan manzanita	PDERI040J3	Endangered	None	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Ericaceae - <i>Arctostaphylos franciscana</i>

Plants - Vascular	Arctostaphylos franciscana	Franciscan manzanita	PDERI040J3	Endangered	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos franciscana
Plants - Vascular	Arctostaphylos imbricata	San Bruno Mountain manzanita	PDERI040L0	None	Endangered	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos imbricata
Plants - Vascular	Arctostaphylos montana ssp. ravenii	Presidio manzanita	PDERI040J2	Endangered	Endangered	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos montana ssp. ravenii
Plants - Vascular	Arctostaphylos montana ssp. ravenii	Presidio manzanita	PDERI040J2	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped and Unprocessed	Plants - Vascular - Ericaceae - Arctostaphylos montana ssp. ravenii
Plants - Vascular	Arctostaphylos montaraensis	Montara manzanita	PDERI042W0	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos montaraensis
Plants - Vascular	Arctostaphylos pacifica	Pacific manzanita	PDERI040Z0	None	Endangered	-	1B.1	3712264	San Francisco South	Mapped and Unprocessed	Plants - Vascular - Ericaceae - Arctostaphylos pacifica
Plants - Vascular	Arctostaphylos pallida	pallid manzanita	PDERI04110	Threatened	Endangered	-	1B.1	3712272	Oakland East	Mapped and Unprocessed	Plants - Vascular - Ericaceae - Arctostaphylos pallida
Plants - Vascular	Arctostaphylos pallida	pallid manzanita	PDERI04110	Threatened	Endangered	-	1B.1	3712283	Richmond	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos pallida
Plants - Vascular	Arctostaphylos pallida	pallid manzanita	PDERI04110	Threatened	Endangered	-	1B.1	3712282	Briones Valley	Mapped	Plants - Vascular - Ericaceae - Arctostaphylos pallida
Plants - Vascular	Amorpha californica var. napensis	Napa false indigo	PDFAB08012	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Fabaceae - Amorpha californica var. napensis
Plants - Vascular	Astragalus nuttallii var. nuttallii	ocean bluff milk-vetch	PDFAB0F641	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Fabaceae - Astragalus nuttallii var. nuttallii
Plants - Vascular	Astragalus nuttallii var. nuttallii	ocean bluff milk-vetch	PDFAB0F641	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Fabaceae - Astragalus nuttallii var. nuttallii
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener
Plants - Vascular	Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Fabaceae - Astragalus tener var. tener

Plants - Vascular	Hoita strobilina	Loma Prieta hoita	PDFAB5Z030	None	None	-	1B.1	3712283	Richmond	Mapped	Plants - Vascular - Fabaceae - Hoita strobilina
Plants - Vascular	Hoita strobilina	Loma Prieta hoita	PDFAB5Z030	None	None	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Fabaceae - Hoita strobilina
Plants - Vascular	Hoita strobilina	Loma Prieta hoita	PDFAB5Z030	None	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Fabaceae - Hoita strobilina
Plants - Vascular	Hosackia gracilis	harlequin lotus	PDFAB2A0D0	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Fabaceae - Hosackia gracilis
Plants - Vascular	Hosackia gracilis	harlequin lotus	PDFAB2A0D0	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Fabaceae - Hosackia gracilis
Plants - Vascular	Trifolium amoenum	two-fork clover	PDFAB40040	Endangered	None	-	1B.1	3712284	San Quentin	Mapped	Plants - Vascular - Fabaceae - Trifolium amoenum
Plants - Vascular	Trifolium amoenum	two-fork clover	PDFAB40040	Endangered	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Fabaceae - Trifolium amoenum
Plants - Vascular	Trifolium hydrophilum	saline clover	PDFAB400R5	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Fabaceae - Trifolium hydrophilum
Plants - Vascular	Trifolium hydrophilum	saline clover	PDFAB400R5	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Fabaceae - Trifolium hydrophilum
Plants - Vascular	Trifolium hydrophilum	saline clover	PDFAB400R5	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Fabaceae - Trifolium hydrophilum
Plants - Vascular	Trifolium hydrophilum	saline clover	PDFAB400R5	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Fabaceae - Trifolium hydrophilum
Plants - Vascular	Trifolium hydrophilum	saline clover	PDFAB400R5	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Fabaceae - Trifolium hydrophilum
Plants - Vascular	Iris longipetala	coast iris	PMIRI092E0	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Iridaceae - Iris longipetala
Plants - Vascular	Iris longipetala	coast iris	PMIRI092E0	None	None	-	4.2	3712284	San Quentin	Unprocessed	Plants - Vascular - Iridaceae - Iris longipetala
Plants - Vascular	Iris longipetala	coast iris	PMIRI092E0	None	None	-	4.2	3712283	Richmond	Unprocessed	Plants - Vascular - Iridaceae - Iris longipetala
Plants - Vascular	Iris longipetala	coast iris	PMIRI092E0	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Iridaceae - Iris longipetala
Plants - Vascular	Iris longipetala	coast iris	PMIRI092E0	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Iridaceae - Iris longipetala
Plants - Vascular	Juglans californica	southern California black walnut	PDJUG02020	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Juglandaceae - Juglans californica
Plants - Vascular	Monardella sinuata ssp. nigrescens	northern curly-leaved monardella	PDLAM18162	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Lamiaceae - Monardella sinuata ssp. nigrescens
Plants - Vascular	Calochortus pulchellus	Mt. Diablo fairy-lantern	PMLIL0D160	None	None	-	1B.2	3712282	Briones Valley	Mapped and Unprocessed	Plants - Vascular - Liliaceae - Calochortus pulchellus
Plants - Vascular	Calochortus tiburonensis	Tiburon mariposa-lily	PMLIL0D1C0	Threatened	Threatened	-	1B.1	3712284	San Quentin	Mapped and Unprocessed	Plants - Vascular - Liliaceae - Calochortus tiburonensis

Plants - Vascular	Calochortus umbellatus	Oakland star-tulip	PMLIL0D1E0	None	None	-	4.2	3712284	San Quentin	Unprocessed	Plants - Vascular - Liliaceae - Calochortus umbellatus
Plants - Vascular	Calochortus umbellatus	Oakland star-tulip	PMLIL0D1E0	None	None	-	4.2	3712283	Richmond	Unprocessed	Plants - Vascular - Liliaceae - Calochortus umbellatus
Plants - Vascular	Calochortus umbellatus	Oakland star-tulip	PMLIL0D1E0	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Liliaceae - Calochortus umbellatus
Plants - Vascular	Calochortus umbellatus	Oakland star-tulip	PMLIL0D1E0	None	None	-	4.2	3712272	Oakland East	Unprocessed	Plants - Vascular - Liliaceae - Calochortus umbellatus
Plants - Vascular	Fritillaria liliacea	fragrant fritillary	PMLIL0V0C0	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Liliaceae - Fritillaria liliacea
Plants - Vascular	Fritillaria liliacea	fragrant fritillary	PMLIL0V0C0	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Liliaceae - Fritillaria liliacea
Plants - Vascular	Fritillaria liliacea	fragrant fritillary	PMLIL0V0C0	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Liliaceae - Fritillaria liliacea
Plants - Vascular	Fritillaria liliacea	fragrant fritillary	PMLIL0V0C0	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Liliaceae - Fritillaria liliacea
Plants - Vascular	Fritillaria liliacea	fragrant fritillary	PMLIL0V0C0	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Liliaceae - Fritillaria liliacea
Plants - Vascular	Hesperolinon congestum	Marin western flax	PDLIN01060	Threatened	Threatened	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Linaceae - Hesperolinon congestum
Plants - Vascular	Hesperolinon congestum	Marin western flax	PDLIN01060	Threatened	Threatened	-	1B.1	3712284	San Quentin	Mapped and Unprocessed	Plants - Vascular - Linaceae - Hesperolinon congestum
Plants - Vascular	Malacothamnus arcuatus	arcuate bush-mallow	PDMAL0Q0E0	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Malvaceae - Malacothamnus arcuatus
Plants - Vascular	Clarkia concinna ssp. automixa	Santa Clara red ribbons	PDONA050A1	None	None	-	4.3	3712272	Oakland East	Mapped	Plants - Vascular - Onagraceae - Clarkia concinna ssp. automixa
Plants - Vascular	Clarkia franciscana	Presidio clarkia	PDONA050H0	Endangered	Endangered	-	1B.1	3712272	Oakland East	Mapped and Unprocessed	Plants - Vascular - Onagraceae - Clarkia franciscana
Plants - Vascular	Clarkia franciscana	Presidio clarkia	PDONA050H0	Endangered	Endangered	-	1B.1	3712274	San Francisco North	Mapped and Unprocessed	Plants - Vascular - Onagraceae - Clarkia franciscana
Plants - Vascular	Piperia michaelii	Michael's rein orchid	PMORC1X110	None	None	-	4.2	3712284	San Quentin	Unprocessed	Plants - Vascular - Orchidaceae - Piperia michaelii
Plants - Vascular	Castilleja affinis var. neglecta	Tiburon paintbrush	PDSCR0D013	Endangered	Threatened	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Orobanchaceae - Castilleja affinis var. neglecta
Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712284	San Quentin	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua
Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua
Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua

Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712272	Oakland East	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua
Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712273	Oakland West	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua
Plants - Vascular	Castilleja ambigua var. ambigua	johnny-nip	PDSCR0D401	None	None	-	4.2	3712262	San Leandro	Unprocessed	Plants - Vascular - Orobanchaceae - Castilleja ambigua var. ambigua
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Chloropyron maritimum ssp. palustre	Point Reyes salty bird's-beak	PDSCR0J0C3	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Orobanchaceae - Chloropyron maritimum ssp. palustre
Plants - Vascular	Triphysaria floribunda	San Francisco owl's-clover	PDSCR2T010	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Orobanchaceae - Triphysaria floribunda
Plants - Vascular	Triphysaria floribunda	San Francisco owl's-clover	PDSCR2T010	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Orobanchaceae - Triphysaria floribunda
Plants - Vascular	Triphysaria floribunda	San Francisco owl's-clover	PDSCR2T010	None	None	-	1B.2	3712263	Hunters Point	Mapped	Plants - Vascular - Orobanchaceae - Triphysaria floribunda
Plants - Vascular	Meconella oregana	Oregon meconella	PDPAP0G030	None	None	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Papaveraceae - Meconella oregana
Plants - Vascular	Meconella oregana	Oregon meconella	PDPAP0G030	None	None	-	1B.1	3712282	Briones Valley	Mapped	Plants - Vascular - Papaveraceae - Meconella oregana
Plants - Vascular	Erythranthe laciniata	cut-leaved monkeyflower	PDSCR1B1L0	None	None	-	4.3	3712282	Briones Valley	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe laciniata
Plants - Vascular	Erythranthe laciniata	cut-leaved monkeyflower	PDSCR1B1L0	None	None	-	4.3	3712283	Richmond	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe laciniata
Plants - Vascular	Erythranthe laciniata	cut-leaved monkeyflower	PDSCR1B1L0	None	None	-	4.3	3712272	Oakland East	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe laciniata
Plants - Vascular	Erythranthe laciniata	cut-leaved monkeyflower	PDSCR1B1L0	None	None	-	4.3	3712273	Oakland West	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe laciniata

Plants - Vascular	Erythranthe nudata	bare monkeyflower	PDSCR1B200	None	None	-	4.3	3712284	San Quentin	Unprocessed	Plants - Vascular - Phrymaceae - Erythranthe nudata
Plants - Vascular	Collinsia corymbosa	round-headed Chinese-houses	PDSCR0H060	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Plantaginaceae - Collinsia corymbosa
Plants - Vascular	Collinsia corymbosa	round-headed Chinese-houses	PDSCR0H060	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Plantaginaceae - Collinsia corymbosa
Plants - Vascular	Collinsia multicolor	San Francisco collinsia	PDSCR0H0B0	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Plantaginaceae - Collinsia multicolor
Plants - Vascular	Collinsia multicolor	San Francisco collinsia	PDSCR0H0B0	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Plantaginaceae - Collinsia multicolor
Plants - Vascular	Calamagrostis ophitidis	serpentine reed grass	PMPOA170V0	None	None	-	4.3	3712284	San Quentin	Unprocessed	Plants - Vascular - Poaceae - Calamagrostis ophitidis
Plants - Vascular	Collomia diversifolia	serpentine collomia	PDPLM02020	None	None	-	4.3	3712284	San Quentin	Unprocessed	Plants - Vascular - Polemoniaceae - Collomia diversifolia
Plants - Vascular	Gilia capitata ssp. chamissonis	blue coast gilia	PDPLM040B3	None	None	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Polemoniaceae - Gilia capitata ssp. chamissonis
Plants - Vascular	Gilia capitata ssp. chamissonis	blue coast gilia	PDPLM040B3	None	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Polemoniaceae - Gilia capitata ssp. chamissonis
Plants - Vascular	Gilia capitata ssp. chamissonis	blue coast gilia	PDPLM040B3	None	None	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Polemoniaceae - Gilia capitata ssp. chamissonis
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712262	San Leandro	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712263	Hunters Point	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Gilia millefoliata	dark-eyed gilia	PDPLM04130	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Polemoniaceae - Gilia millefoliata
Plants - Vascular	Leptosiphon acicularis	bristly leptosiphon	PDPLM09010	None	None	-	4.2	3712283	Richmond	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon acicularis
Plants - Vascular	Leptosiphon acicularis	bristly leptosiphon	PDPLM09010	None	None	-	4.2	3712272	Oakland East	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon acicularis
Plants - Vascular	Leptosiphon ambiguus	serpentine leptosiphon	PDPLM09020	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon ambiguus
Plants - Vascular	Leptosiphon grandiflorus	large-flowered leptosiphon	PDPLM090K0	None	None	-	4.2	3712264	San Francisco South	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon grandiflorus
Plants - Vascular	Leptosiphon grandiflorus	large-flowered leptosiphon	PDPLM090K0	None	None	-	4.2	3712272	Oakland East	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon grandiflorus

Plants - Vascular	Leptosiphon grandiflorus	large-flowered leptosiphon	PDPLM090K0	None	None	-	4.2	3712273	Oakland West	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon grandiflorus
Plants - Vascular	Leptosiphon grandiflorus	large-flowered leptosiphon	PDPLM090K0	None	None	-	4.2	3712283	Richmond	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon grandiflorus
Plants - Vascular	Leptosiphon grandiflorus	large-flowered leptosiphon	PDPLM090K0	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon grandiflorus
Plants - Vascular	Leptosiphon latisectus	broad-lobed leptosiphon	PDPLM09150	None	None	-	4.3	3712274	San Francisco North	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon latisectus
Plants - Vascular	Leptosiphon latisectus	broad-lobed leptosiphon	PDPLM09150	None	None	-	4.3	3712264	San Francisco South	Unprocessed	Plants - Vascular - Polemoniaceae - Leptosiphon latisectus
Plants - Vascular	Leptosiphon rosaceus	rose leptosiphon	PDPLM09180	None	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Polemoniaceae - Leptosiphon rosaceus
Plants - Vascular	Leptosiphon rosaceus	rose leptosiphon	PDPLM09180	None	None	-	1B.1	3712263	Hunters Point	Mapped	Plants - Vascular - Polemoniaceae - Leptosiphon rosaceus
Plants - Vascular	Leptosiphon rosaceus	rose leptosiphon	PDPLM09180	None	None	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Polemoniaceae - Leptosiphon rosaceus
Plants - Vascular	Leptosiphon rosaceus	rose leptosiphon	PDPLM09180	None	None	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Polemoniaceae - Leptosiphon rosaceus
Plants - Vascular	Polemonium carneum	Oregon polemonium	PDPLM0E050	None	None	-	2B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Polemoniaceae - Polemonium carneum
Plants - Vascular	Chorizanthe cuspidata var. cuspidata	San Francisco Bay spineflower	PDPGN04081	None	None	-	1B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe cuspidata var. cuspidata
Plants - Vascular	Chorizanthe cuspidata var. cuspidata	San Francisco Bay spineflower	PDPGN04081	None	None	-	1B.2	3712273	Oakland West	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe cuspidata var. cuspidata
Plants - Vascular	Chorizanthe cuspidata var. cuspidata	San Francisco Bay spineflower	PDPGN04081	None	None	-	1B.2	3712264	San Francisco South	Mapped and Unprocessed	Plants - Vascular - Polygonaceae - Chorizanthe cuspidata var. cuspidata
Plants - Vascular	Chorizanthe robusta var. robusta	robust spineflower	PDPGN040Q2	Endangered	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe robusta var. robusta
Plants - Vascular	Chorizanthe robusta var. robusta	robust spineflower	PDPGN040Q2	Endangered	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe robusta var. robusta
Plants - Vascular	Chorizanthe robusta var. robusta	robust spineflower	PDPGN040Q2	Endangered	None	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe robusta var. robusta
Plants - Vascular	Chorizanthe robusta var. robusta	robust spineflower	PDPGN040Q2	Endangered	None	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Polygonaceae - Chorizanthe robusta var. robusta

Plants - Vascular	Eriogonum luteolum var. caninum	Tiburon buckwheat	PDPGN083S1	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Polygonaceae - Eriogonum luteolum var. caninum
Plants - Vascular	Eriogonum luteolum var. caninum	Tiburon buckwheat	PDPGN083S1	None	None	-	1B.2	3712284	San Quentin	Mapped	Plants - Vascular - Polygonaceae - Eriogonum luteolum var. caninum
Plants - Vascular	Polygonum marinense	Marin knotweed	PDPGN0L1C0	None	None	-	3.1	3712272	Oakland East	Mapped	Plants - Vascular - Polygonaceae - Polygonum marinense
Plants - Vascular	Polygonum marinense	Marin knotweed	PDPGN0L1C0	None	None	-	3.1	3712273	Oakland West	Mapped	Plants - Vascular - Polygonaceae - Polygonum marinense
Plants - Vascular	Polygonum marinense	Marin knotweed	PDPGN0L1C0	None	None	-	3.1	3712262	San Leandro	Mapped	Plants - Vascular - Polygonaceae - Polygonum marinense
Plants - Vascular	Polygonum marinense	Marin knotweed	PDPGN0L1C0	None	None	-	3.1	3712263	Hunters Point	Mapped	Plants - Vascular - Polygonaceae - Polygonum marinense
Plants - Vascular	Heteranthera dubia	water star-grass	PMPON03010	None	None	-	2B.2	3712263	Hunters Point	Mapped	Plants - Vascular - Pontederiaceae - Heteranthera dubia
Plants - Vascular	Heteranthera dubia	water star-grass	PMPON03010	None	None	-	2B.2	3712273	Oakland West	Mapped	Plants - Vascular - Pontederiaceae - Heteranthera dubia
Plants - Vascular	Heteranthera dubia	water star-grass	PMPON03010	None	None	-	2B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Pontederiaceae - Heteranthera dubia
Plants - Vascular	Heteranthera dubia	water star-grass	PMPON03010	None	None	-	2B.2	3712274	San Francisco North	Mapped	Plants - Vascular - Pontederiaceae - Heteranthera dubia
Plants - Vascular	Stuckenia filiformis ssp. alpina	slender-leaved pondweed	PMPOT03091	None	None	-	2B.2	3712272	Oakland East	Mapped	Plants - Vascular - Potamogetonaceae - Stuckenia filiformis ssp. alpina
Plants - Vascular	Androsace elongata ssp. acuta	California androsace	PDPRI02031	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Primulaceae - Androsace elongata ssp. acuta
Plants - Vascular	Aspidotis carlotta-halliae	Carlotta Hall's lace fern	PPADI07020	None	None	-	4.2	3712284	San Quentin	Unprocessed	Plants - Vascular - Pteridaceae - Aspidotis carlotta-halliae
Plants - Vascular	Aspidotis carlotta-halliae	Carlotta Hall's lace fern	PPADI07020	None	None	-	4.2	3712274	San Francisco North	Unprocessed	Plants - Vascular - Pteridaceae - Aspidotis carlotta-halliae
Plants - Vascular	Ranunculus lobbii	Lobb's aquatic buttercup	PDRAN0L1J0	None	None	-	4.2	3712282	Briones Valley	Unprocessed	Plants - Vascular - Ranunculaceae - Ranunculus lobbii
Plants - Vascular	Ranunculus lobbii	Lobb's aquatic buttercup	PDRAN0L1J0	None	None	-	4.2	3712283	Richmond	Unprocessed	Plants - Vascular - Ranunculaceae - Ranunculus lobbii
Plants - Vascular	Horkelia cuneata var. sericea	Kellogg's horkelia	PDR0S0W043	None	None	-	1B.1	3712274	San Francisco North	Mapped	Plants - Vascular - Rosaceae - Horkelia cuneata var. sericea
Plants - Vascular	Horkelia cuneata var. sericea	Kellogg's horkelia	PDR0S0W043	None	None	-	1B.1	3712273	Oakland West	Mapped	Plants - Vascular - Rosaceae - Horkelia cuneata var. sericea
Plants - Vascular	Horkelia cuneata var. sericea	Kellogg's horkelia	PDR0S0W043	None	None	-	1B.1	3712272	Oakland East	Mapped	Plants - Vascular - Rosaceae - Horkelia cuneata var. sericea
Plants - Vascular	Horkelia cuneata var. sericea	Kellogg's horkelia	PDR0S0W043	None	None	-	1B.1	3712262	San Leandro	Mapped	Plants - Vascular - Rosaceae - Horkelia cuneata var. sericea

Plants - Vascular	<i>Horkelia cuneata</i> var. <i>sericea</i>	Kellogg's horkelia	PDROS0W043	None	None	-	1B.1	3712264	San Francisco South	Mapped	Plants - Vascular - Rosaceae - <i>Horkelia cuneata</i> var. <i>sericea</i>
Plants - Vascular	<i>Horkelia marinensis</i>	Point Reyes horkelia	PDROS0W0B0	None	None	-	1B.2	3712264	San Francisco South	Mapped	Plants - Vascular - Rosaceae - <i>Horkelia marinensis</i>
Plants - Vascular	<i>Dirca occidentalis</i>	western leatherwood	PDTHY03010	None	None	-	1B.2	3712272	Oakland East	Mapped	Plants - Vascular - Thymelaeaceae - <i>Dirca occidentalis</i>
Plants - Vascular	<i>Dirca occidentalis</i>	western leatherwood	PDTHY03010	None	None	-	1B.2	3712282	Briones Valley	Mapped	Plants - Vascular - Thymelaeaceae - <i>Dirca occidentalis</i>
Plants - Vascular	<i>Dirca occidentalis</i>	western leatherwood	PDTHY03010	None	None	-	1B.2	3712283	Richmond	Mapped	Plants - Vascular - Thymelaeaceae - <i>Dirca occidentalis</i>



*The database used to provide updates to the Online Inventory is under construction. [View updates and changes made since May 2019 here.](#)

Plant List

95 matches found. [Click on scientific name for details](#)

Search Criteria

Found in Quads 3712284, 3712283, 3712282, 3712274, 3712273, 3712272, 3712264 3712263 and 3712262;

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Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Amsinckia lunaris	bent-flowered fiddleneck	Boraginaceae	annual herb	Mar-Jun	1B.2	S3	G3
Androsace elongata ssp. acuta	California androsace	Primulaceae	annual herb	Mar-Jun	4.2	S3S4	G5?T3T4
Arabis blepharophylla	coast rockcress	Brassicaceae	perennial herb	Feb-May	4.3	S4	G4
Arctostaphylos franciscana	Franciscan manzanita	Ericaceae	perennial evergreen shrub	Feb-Apr	1B.1	S1	G1
Arctostaphylos imbricata	San Bruno Mountain manzanita	Ericaceae	perennial evergreen shrub	Feb-May	1B.1	S1	G1
Arctostaphylos montana ssp. ravenii	Presidio manzanita	Ericaceae	perennial evergreen shrub	Feb-Mar	1B.1	S1	G3T1
Arctostaphylos montaraensis	Montara manzanita	Ericaceae	perennial evergreen shrub	Jan-Mar	1B.2	S1	G1
Arctostaphylos pacifica	Pacific manzanita	Ericaceae	evergreen shrub	Feb-Apr	1B.1	S1	G1
Arctostaphylos pallida	pallid manzanita	Ericaceae	perennial evergreen shrub	Dec-Mar	1B.1	S1	G1
Arenaria paludicola	marsh sandwort	Caryophyllaceae	perennial stoloniferous herb	May-Aug	1B.1	S1	G1
Aspidotis carlotta-halliae	Carlotta Hall's lace fern	Pteridaceae	perennial rhizomatous herb	Jan-Dec	4.2	S3	G3
Astragalus nuttallii var. nuttallii	ocean bluff milk-vetch	Fabaceae	perennial herb	Jan-Nov	4.2	S4	G4T4
Astragalus tener var. tener	alkali milk-vetch	Fabaceae	annual herb	Mar-Jun	1B.2	S1	G2T1
Balsamorhiza macrolepis	big-scale balsamroot	Asteraceae	perennial herb	Mar-Jun	1B.2	S2	G2
Calamagrostis ophitidis	serpentine reed grass	Poaceae	perennial herb	Apr-Jul	4.3	S3	G3

<u>Calochortus pulchellus</u>	Mt. Diablo fairy-lantern	Liliaceae	perennial bulbiferous herb	Apr-Jun	1B.2	S2	G2
<u>Calochortus tiburonensis</u>	Tiburon mariposa lily	Liliaceae	perennial bulbiferous herb	Mar-Jun	1B.1	S1	G1
<u>Calochortus umbellatus</u>	Oakland star-tulip	Liliaceae	perennial bulbiferous herb	Mar-May	4.2	S3?	G3?
<u>Calystegia purpurata ssp. saxicola</u>	coastal bluff morning-glory	Convolvulaceae	perennial herb	(Mar)Apr-Sep	1B.2	S2S3	G4T2T3
<u>Carex comosa</u>	bristly sedge	Cyperaceae	perennial rhizomatous herb	May-Sep	2B.1	S2	G5
<u>Carex praticola</u>	northern meadow sedge	Cyperaceae	perennial herb	May-Jul	2B.2	S2	G5
<u>Castilleja affinis var. neglecta</u>	Tiburon paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	Apr-Jun	1B.2	S1S2	G4G5T1T2
<u>Castilleja ambigua var. ambigua</u>	johnny-nip	Orobanchaceae	annual herb (hemiparasitic)	Mar-Aug	4.2	S3S4	G4T4
<u>Centromadia parryi ssp. congdonii</u>	Congdon's tarplant	Asteraceae	annual herb	May-Oct(Nov)	1B.1	S1S2	G3T1T2
<u>Centromadia parryi ssp. parryi</u>	pappose tarplant	Asteraceae	annual herb	May-Nov	1B.2	S2	G3T2
<u>Chloropyron maritimum ssp. palustre</u>	Point Reyes bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	Jun-Oct	1B.2	S2	G4?T2
<u>Chorizanthe cuspidata var. cuspidata</u>	San Francisco Bay spineflower	Polygonaceae	annual herb	Apr-Jul(Aug)	1B.2	S1	G2T1
<u>Chorizanthe robusta var. robusta</u>	robust spineflower	Polygonaceae	annual herb	Apr-Sep	1B.1	S1	G2T1
<u>Cirsium andrewsii</u>	Franciscan thistle	Asteraceae	perennial herb	Mar-Jul	1B.2	S3	G3
<u>Cirsium hydrophilum var. vaseyi</u>	Mt. Tamalpais thistle	Asteraceae	perennial herb	May-Aug	1B.2	S1	G2T1
<u>Cirsium occidentale var. compactum</u>	compact cobwebby thistle	Asteraceae	perennial herb	Apr-Jun	1B.2	S2	G3G4T2
<u>Clarkia concinna ssp. automixa</u>	Santa Clara red ribbons	Onagraceae	annual herb	(Apr)May-Jun(Jul)	4.3	S3	G5?T3
<u>Clarkia franciscana</u>	Presidio clarkia	Onagraceae	annual herb	May-Jul	1B.1	S1	G1
<u>Collinsia corymbosa</u>	round-headed Chinese-houses	Plantaginaceae	annual herb	Apr-Jun	1B.2	S1	G1
<u>Collinsia multicolor</u>	San Francisco collinsia	Plantaginaceae	annual herb	(Feb)Mar-May	1B.2	S2	G2
<u>Dirca occidentalis</u>	western leatherwood	Thymelaeaceae	perennial deciduous shrub	Jan-Mar(Apr)	1B.2	S2	G2
<u>Equisetum palustre</u>	marsh horsetail	Equisetaceae	perennial rhizomatous herb	unk	3	S1S3	G5
<u>Eriogonum luteolum var. caninum</u>	Tiburon buckwheat	Polygonaceae	annual herb	May-Sep	1B.2	S2	G5T2
<u>Eriophorum gracile</u>	slender cottongrass	Cyperaceae	perennial rhizomatous herb (emergent)	May-Sep	4.3	S4	G5
<u>Eryngium jepsonii</u>	Jepson's coyote thistle	Apiaceae	perennial herb	Apr-Aug	1B.2	S2?	G2?
<u>Erysimum franciscanum</u>	San Francisco wallflower	Brassicaceae	perennial herb	Mar-Jun	4.2	S3	G3

<u>Extriplex joaquinana</u>	San Joaquin spearscale	Chenopodiaceae	annual herb	Apr-Oct	1B.2	S2	G2
<u>Fissidens pauperculus</u>	minute pocket moss	Fissidentaceae	moss		1B.2	S2	G3?
<u>Fritillaria liliacea</u>	fragrant fritillary	Liliaceae	perennial bulbiferous herb	Feb-Apr	1B.2	S2	G2
<u>Gilia capitata ssp. chamissonis</u>	blue coast gilia	Polemoniaceae	annual herb	Apr-Jul	1B.1	S2	G5T2
<u>Gilia millefoliata</u>	dark-eyed gilia	Polemoniaceae	annual herb	Apr-Jul	1B.2	S2	G2
<u>Grindelia hirsutula var. maritima</u>	San Francisco gumplant	Asteraceae	perennial herb	Jun-Sep	3.2	S1	G5T1Q
<u>Helianthella castanea</u>	Diablo helianthella	Asteraceae	perennial herb	Mar-Jun	1B.2	S2	G2
<u>Hemizonia congesta ssp. congesta</u>	congested-headed hayfield tarplant	Asteraceae	annual herb	Apr-Nov	1B.2	S2	G5T2
<u>Hesperervax sparsiflora var. brevifolia</u>	short-leaved evax	Asteraceae	annual herb	Mar-Jun	1B.2	S2	G4T3
<u>Hesperolinon congestum</u>	Marin western flax	Linaceae	annual herb	Apr-Jul	1B.1	S1	G1
<u>Heteranthera dubia</u>	water star-grass	Pontederiaceae	perennial herb (aquatic)	Jul-Oct	2B.2	S2	G5
<u>Hoita strobilina</u>	Loma Prieta hoita	Fabaceae	perennial herb	May-Jul(Aug-Oct)	1B.1	S2?	G2?
<u>Holocarpha macradenia</u>	Santa Cruz tarplant	Asteraceae	annual herb	Jun-Oct	1B.1	S1	G1
<u>Horkelia cuneata var. sericea</u>	Kellogg's horkelia	Rosaceae	perennial herb	Apr-Sep	1B.1	S1?	G4T1?
<u>Horkelia marinensis</u>	Point Reyes horkelia	Rosaceae	perennial herb	May-Sep	1B.2	S2	G2
<u>Hypogymnia schizidiata</u>	island rock lichen	Parmeliaceae	foliose lichen (null)		1B.3	S1	G2
<u>Iris longipetala</u>	coast iris	Iridaceae	perennial rhizomatous herb	Mar-May	4.2	S3	G3
<u>Lasthenia conjugens</u>	Contra Costa goldfields	Asteraceae	annual herb	Mar-Jun	1B.1	S1	G1
<u>Lathyrus jepsonii var. jepsonii</u>	Delta tule pea	Fabaceae	perennial herb	May-Jul(Aug-Sep)	1B.2	S2	G5T2
<u>Layia carnosa</u>	beach layia	Asteraceae	annual herb	Mar-Jul	1B.1	S2	G2
<u>Leptosiphon acicularis</u>	bristly leptosiphon	Polemoniaceae	annual herb	Apr-Jul	4.2	S4?	G4?
<u>Leptosiphon rosaceus</u>	rose leptosiphon	Polemoniaceae	annual herb	Apr-Jul	1B.1	S1	G1
<u>Lessingia germanorum</u>	San Francisco lessingia	Asteraceae	annual herb	(Jun)Jul-Nov	1B.1	S1	G1
<u>Lessingia hololeuca</u>	woolly-headed lessingia	Asteraceae	annual herb	Jun-Oct	3	S2S3	G3?
<u>Malacothamnus arcuatus</u>	arcuate bush-mallow	Malvaceae	perennial evergreen shrub	Apr-Sep	1B.2	S2	G2Q
<u>Meconella oregana</u>	Oregon meconella	Papaveraceae	annual herb	Mar-Apr	1B.1	S2	G2G3
<u>Micropus amphibolus</u>	Mt. Diablo cottonweed	Asteraceae	annual herb	Mar-May	3.2	S3S4	G3G4
<u>Microseris paludosa</u>	marsh microseris	Asteraceae	perennial herb	Apr-Jun(Jul)	1B.2	S2	G2
<u>Monardella antonina ssp. antonina</u>	San Antonio Hills monardella	Lamiaceae	perennial rhizomatous herb	Jun-Aug	3	S1S3	G4T1T3Q

<u>Monardella sinuata ssp. nigrescens</u>	northern curly-leaved monardella	Lamiaceae	annual herb	(Apr)May-Jul(Aug-Sep)	1B.2	S2	G3T2
<u>Monolopia gracilens</u>	woodland woollythreads	Asteraceae	annual herb	(Feb)Mar-Jul	1B.2	S3	G3
<u>Pentachaeta bellidiflora</u>	white-rayed pentachaeta	Asteraceae	annual herb	Mar-May	1B.1	S1	G1
<u>Piperia michaelii</u>	Michael's rein orchid	Orchidaceae	perennial herb	Apr-Aug	4.2	S3	G3
<u>Plagiobothrys chorisianus var. chorisianus</u>	Choris' popcornflower	Boraginaceae	annual herb	Mar-Jun	1B.2	S1	G3T1Q
<u>Plagiobothrys diffusus</u>	San Francisco popcornflower	Boraginaceae	annual herb	Mar-Jun	1B.1	S1	G1Q
<u>Polemonium carneum</u>	Oregon polemonium	Polemoniaceae	perennial herb	Apr-Sep	2B.2	S2	G3G4
<u>Polygonum marinense</u>	Marin knotweed	Polygonaceae	annual herb	(Apr)May-Aug(Oct)	3.1	S2	G2Q
<u>Ranunculus lobbii</u>	Lobb's aquatic buttercup	Ranunculaceae	annual herb (aquatic)	Feb-May	4.2	S3	G4
<u>Sanicula maritima</u>	adobe sanicle	Apiaceae	perennial herb	Feb-May	1B.1	S2	G2
<u>Senecio aphanactis</u>	chaparral ragwort	Asteraceae	annual herb	Jan-Apr(May)	2B.2	S2	G3
<u>Silene scouleri ssp. scouleri</u>	Scouler's catchfly	Caryophyllaceae	perennial herb	(Mar-May)Jun-Aug(Sep)	2B.2	S2S3	G5T4T5
<u>Silene verecunda ssp. verecunda</u>	San Francisco campion	Caryophyllaceae	perennial herb	(Feb)Mar-Jun(Aug)	1B.2	S1	G5T1
<u>Spergularia macrotheca var. longistyla</u>	long-styled sand-spurrey	Caryophyllaceae	perennial herb	Feb-May(Jun)	1B.2	S2	G5T2
<u>Stebbinsoseris decipiens</u>	Santa Cruz microseris	Asteraceae	annual herb	Apr-May	1B.2	S2	G2
<u>Streptanthus albidus ssp. peramoenus</u>	most beautiful jewelflower	Brassicaceae	annual herb	(Mar)Apr-Sep(Oct)	1B.2	S2	G2T2
<u>Streptanthus glandulosus ssp. niger</u>	Tiburon jewelflower	Brassicaceae	annual herb	May-Jun	1B.1	S1	G4T1
<u>Stuckenia filiformis ssp. alpina</u>	slender-leaved pondweed	Potamogetonaceae	perennial rhizomatous herb (aquatic)	May-Jul	2B.2	S2S3	G5T5
<u>Suaeda californica</u>	California seablite	Chenopodiaceae	perennial evergreen shrub	Jul-Oct	1B.1	S1	G1
<u>Symphyotrichum lentum</u>	Suisun Marsh aster	Asteraceae	perennial rhizomatous herb	(Apr)May-Nov	1B.2	S2	G2
<u>Trifolium amoenum</u>	two-fork clover	Fabaceae	annual herb	Apr-Jun	1B.1	S1	G1
<u>Trifolium hydrophilum</u>	saline clover	Fabaceae	annual herb	Apr-Jun	1B.2	S2	G2
<u>Triphysaria floribunda</u>	San Francisco owl's-clover	Orobanchaceae	annual herb	Apr-Jun	1B.2	S2?	G2?
<u>Triquetrella californica</u>	coastal triquetrella	Pottiaceae	moss		1B.2	S2	G2
<u>Viburnum ellipticum</u>	oval-leaved viburnum	Adoxaceae	perennial deciduous shrub	May-Jun	2B.3	S3?	G4G5

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