

Appendix ", CNDDDB Records for Special-status Plants and Wildlife within a 5-mile buffer of the Project Area

Scientific Name	Common Name	Fed	State	CDFG	CNPS	Habitat Characteristics	Potential for Occurrence
Amphibians							
<i>Rana draytonii</i>	California red-legged frog	T	-	SCC	-	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent vegetation	No suitable habitat along any alternative to support this species.
Birds							
<i>Laterallus jamaicensis coturniculus</i>	California black rail	-	T/FP	-	-	Inhabits the margins of salt, brackish and freshwater marshes	No suitable breeding habitat along any alternative to support this species.
<i>Phalacrocorax auritus</i>	Double-crested cormorant	-	-	-	-	Colonial nester on coastal cliffs, offshore islands & along lake margins in the interior of the state	No suitable breeding habitat along any alternative to support this species, though cormorant forage in the area.
Invertebrates							
<i>Callophrys mossii bayensis</i>	San Bruno elfin butterfly	E	-	-	-	Coastal mountainous areas with grassy ground cover, mainly in the vicinity of San Bruno Mountain	No suitable habitat along any alternative to support this species.
<i>Cicindela hirticollis gravid</i>	Sandy beach tiger beetle	-	-	-	-	Inhabits areas adjacent to non-brackish water along the coast of California	No suitable habitat along any alternative to support this species.
<i>Danaus plexippus</i>	Monarch butterfly	-	-	-	-	Winter roosts in Eucalyptus, pine and Monterey Cypress trees	No suitable habitat along any alternative to support this species.
<i>Dufuorea stagei</i>	Stage's dufourine bee	-	-	-	-	Species is a ground-nesting bee	No suitable habitat along any alternative to support this species.
<i>Euphydryas editha bayensis</i>	Bay checkerspot butterfly	T	-	-	-	Restricted to native grasslands on outcrops of serpentine soil in the vicinity of San Francisco Bay	No suitable habitat along any alternative to support this species.
<i>Ischnura gemina</i>	San Francisco forktail damselfly	-	-	-	-	Endemic to the San Francisco Bay Area	No suitable habitat along any alternative to support this species.
<i>Plebejus icarioides missionensis</i>	Mission blue butterfly	E	-	-	-	Inhabits grasslands of the San Francisco peninsula	No suitable habitat along any alternative to support this species.
<i>Speyeria callippe callippe</i>	Callippe silverspot butterfly	E	-	-	-	Restricted to the northern coastal scrub of the San Francisco peninsula	No suitable habitat along any alternative to support this species.

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Mammals							
<i>Lasiurus bloussevillii</i>	Western red bat	-	-	SCC	-	Roosts primarily in trees, 2-40ft above ground	Suitable habitat for this species may exist along project alternatives in abandoned buildings or trees
<i>Lasiurus cinereus</i>	Hoary bat	-	-	-	-	Prefers open habitats or habitat mosaics, with access to trees for cover & open areas or habitat edges for feeding	Suitable habitat for this species may exist along project alternatives in abandoned buildings or trees
<i>Taxidea Taxus</i>	American Badger	-	-	SCC	-	Most abundant in drier open stages of moist shrub, forest and herbaceous habitats with friable soils	No suitable habitat along any alternative to support this species.
Plants							
<i>Arctostaphylos franciscana</i>	Franciscan manzanita	-	-	-	1B.1	Chaparral	No suitable habitat along any alternative to support this species.
<i>Arctostaphylos imbricate</i>	San Bruno Mountain Manzanita	-	E	-	1B.1	Chaparral, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Arctostaphylos mantana ssp. Ravenii</i>	Presidio Manzanita	E	E	-	1B.1	Chaparral, coastal prairie, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Arenaria paludicola</i>	Marsh sandwort	E	E	-	1B.1	Marshes and swamps	No suitable habitat along any alternative to support this species.
<i>Astragalus tener var. tener</i>	Alkali milk-vetch	-	-	-	1B.2	Alkali playa, valley and foothill grassland, vernal pools	No suitable habitat along any alternative to support this species.
<i>Carex comosa</i>	Bristly sedge	-	-	-	S2	Marshes and swamps	No suitable habitat along any alternative to support this species.
<i>Chloropyron maritimum ssp. Palustre</i>	Point Reyes bird's-beak	-	-	-	1B.2	Coastal Salt Marsh	No suitable habitat along any alternative to support this species.
<i>Chorizanthe cuspidate var. cuspidate</i>	San Francisco Bay spineflower	-	-	-	1B.2	Coastal bluff scrub, coastal dunes, coastal prairie, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Chorizanthe robusta var. robusta</i>	Robust spineflower	E	-	-	1B.1	Cismontane woodland, coastal dunes, coastal scrub	No suitable habitat along any alternative to support this species.

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<i>Cirsium andrewsii</i>	Franciscan thistle	-	-	-	1B.2	Coastal bluff scrub, broadleaved upland forest, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Cirsium occidentale</i> var. <i>compactum</i>	Compact cobwebby thistle	-	-	-	1B.2	Chaparral coastal dunes coastal prairie coastal	No suitable habitat along any alternative to support this species.
<i>Clarkia franciscana</i>	Presidio clarkia	E	E	-	1B.1	Coastal scrub, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Collinsia corymbosa</i>	Round-headed Chinese-houses	-	-	-	1B.2	Coastal dunes, coastal prairie	No suitable habitat along any alternative to support this species.
<i>Collinsia multicolor</i>	San Francisco collinsia	-	-	-	1B.2	Closed-cone coniferous forest, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Fritillaria liliacea</i>	Fragrant fritillary	-	-	-	1B.2	Coastal scrub, valley and foothill grassland, coastal prairie	No suitable habitat along any alternative to support this species.
<i>Gilia capitata</i> spp. <i>chamissonis</i>	Blue coast gilia	-	-	-	1B.1	Coastal dunes, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Gilia millefoliata</i>	Dark-eyed gilia	-	-	-	1B.2	Coastal dunes	No suitable habitat along any alternative to support this species.
<i>Grindelia hirsutula</i> var. <i>maritime</i>	San Francisco gumplant	-	-	-	S1	Coastal scrub, coastal bluff scrub, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Helianthella castanea</i>	Diablo helianthella	-	-	-	1B.2	Chaparral/oak woodland interface in rocky azonal soils, broadleaved upland forest, coastal scrub, riparian woodland, valley and foothill grassland.	No suitable habitat along any alternative to support this species.
<i>Hemizonia congesta</i> ssp. <i>Congesta</i>	Seaside tarplant	-	-	-	1B.2	Coastal scrub, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Hespererax sparsiflora</i> var. <i>brevifolia</i>	Short-leaved evax	-	-	-	1B.2	Coastal bluff scrub, coastal dunes	No suitable habitat along any alternative to support this species.
<i>Hesperolinon congestum</i>	Marin western flax	T	T	-	1B.1	Chaparral, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Horkelia cuneata</i> ssp. <i>Sericea</i>	Kellogg's horkelia	-	-	-	1B.1	Closed-cone coniferous forest, coastal scrub, chaparral	No suitable habitat along any alternative to support this species.
<i>Layia carnosa</i>	Beach layia	E	E	-	1B.1	Coastal Dunes	No suitable habitat along any alternative to support this species.

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<i>Leptosiphon rosaceus</i>	Rose leptosiphon	-	-	-	1B.1	Coastal bluff scrub	No suitable habitat along any alternative to support this species.
<i>Lessingia germanorum</i>	San Francisco lessingia	E	E	-	1B.1	Coastal Scrub	No suitable habitat along any alternative to support this species.
<i>Microseris paludosa</i>	Marsh microseris	-	-	-	1B.2	Closed-cone coniferous forest, cismontaine woodland, coastal scrub, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Plagiobothrys chorisianus var. chorisianus</i>	Choris' popcorn-flower	-	-	-	1B.2	Chaparral, Coastal Scrub, Coastal Prairie	No suitable habitat along any alternative to support this species.
<i>Plagiobothrys diffusus</i>	San Francisco popcorn-flower	-	E	-	1B.1	Coastal prairie, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Sanicula maritime</i>	Adobe sanicle	-	R	-	1B.1	Meadows and seeps, valley and foothill grassland, chaparral, coastal prairie	No suitable habitat along any alternative to support this species.
<i>Silene verecunda ssp. verecunda</i>	San Francisco campion	-	-	-	1B.2	Coastal bluff scrub, coastal dunes, coastal prairie, coastal scrub	No suitable habitat along any alternative to support this species.
<i>Suaeda californica</i>	California seablite	E	-	-	1B.1	Marshes and Swamps	No suitable habitat along any alternative to support this species.
<i>Trifolium amoenum</i>	Showy rancheria clover	E	-	-	1B.1	Valley and foothill grassland, coastal bluff scrub	No suitable habitat along any alternative to support this species.
<i>Triphysaria floribunda</i>	San Francisco owl's clover	-	-	-	1B.2	Coastal prairie, valley and foothill grassland	No suitable habitat along any alternative to support this species.
<i>Triquetrella californica</i>	Coastal triquetrella	-	-	-	1B.2	Coastal bluff scrub, coastal scrub, valley and foothill grasslands	No suitable habitat along any alternative to support this species.

(E) Federally Endangered, (T) Federally Threatened

State Designations:

(E) State Endangered, (T) State Threatened, (R) State Rare,
 California Department of Fish and Game (CDFG) Designations:

(SC) Species of Special Concern, (CFP) Fully Protected Species

California Native Plant Society (CNPS) California Rare Plant Rank:

(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 information is needed; (4) Limited distribution, watch list

Threat Rank:

- 0.1 Seriously threatened in California (more than 80% of occurrences threatened / high degree and immediacy of threat)
- 0.2 Fairly threatened in California (20 to 80% occurrences threatened / moderate degree and immediacy of threat)
- 0.3 Not very threatened in California (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)