

Appendix C-6

Special-Status Plants

Table 4.5-2 lists the special-status plants potentially present in the Project area. Potential for occurrence is defined as follows:

- **Present:** Species or sign of their presence recently observed on the site.
- **High:** Species or sign not observed on the site, but reasonably certain to occur on the site based on conditions, species ranges, and recent records.
- **Moderate:** Species or sign not observed on the site, but conditions suitable for occurrence and/or an historical record exists in the vicinity.
- **Low:** Species or sign not observed on the site, and conditions marginal for occurrence.
- **Not likely to occur:** Species or sign not observed on the site, outside of the known range, and conditions unsuitable for occurrence.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Agrostis hooveri</i> Hoover's bent grass	1B.2	Chaparral, cismontane woodland, closed-cone coniferous forest, valley and foothill grassland. Sandy sites. Blooms Apr-Aug. Elevations of 195 to 2,000 ft.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is 6 miles to the NE. Suitable habitat also present along the transmission corridor.
<i>Ancistrocarphus keilii</i> Santa Ynez groundstar	1B.1	Sandy soils in chaparral, cismontane woodland. Blooms Mar-Apr. Elevations of 130 to 430 ft.	Low. Suitable habitat is present; transmission corridor is only portion of the Project within elevation range; not observed during multiple focused surveys; nearest occurrence is 8 miles to the NE.
<i>Aphanisma blitoides</i> Aphanisma	1B.2	On bluffs and slopes near the ocean in sandy or clay soils in coastal bluff scrub, coastal dunes, coastal scrub. Elevations of 10 to 1,000 ft.	Low. Limited suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the NW.
<i>Arctostaphylos crustacea</i> ssp. <i>eastwoodiana</i> Eastwood's brittle-leaf manzanita	1B.1	Occurs in maritime chaparral on sandy soils. Blooms Mar. Elevations of 300 to 1,200 ft.	Moderate. Marginally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 1 mile to the W.
<i>Arctostaphylos crustacea</i> ssp. <i>subcordata</i> Santa Cruz Island manzanita	4.2	Rocky areas in closed-cone coniferous forest and chaparral. Elevations of 300 to 2,400 ft. Blooms Jan-Apr.	Moderate. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 3 miles to the W.
<i>Arctostaphylos pechoensis</i> Pecho manzanita	1B.1	Grows in siliceous shale within closed-cone coniferous forest, chaparral, and coastal scrub. Elevations of 400 to 2,800 ft. Blooms Nov-Mar.	High. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is less than 1 mile from transmission corridor.
<i>Arctostaphylos purissima</i> La Purisima manzanita	1B.1	Chaparral. Sandstone outcrops, sandy soil. Blooms Jan-Mar. Elevations of 400 to 990 ft.	Present. A manzanita identified as globose La Purisima manzanita (<i>Arctostaphylos purissima</i> ssp. <i>globosa</i>) was observed during the tree survey in winter 2018. It was observed in an isolated opening between the tanoak forest and coast live oak woodland, northeast of Sudden Peak.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Arctostaphylos refugioensis</i> Refugio manzanita	1B.2	Chaparral. Sandy soils. Elevations of 900 to 2,690 ft. Blooms Jan-May.	Moderate. Marginally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 4 miles to the SE.
<i>Arctostaphylos rudis</i> Sand mesa manzanita	1B.2	Chaparral, coastal scrub. Sandy soils in Lompoc-Nipomo area. Blooms Nov-Feb. Elevations of 80 to 750 ft.	Moderate. Suitable habitat is present; not observed during multiple focused surveys; nearest historic occurrence is less than 2 miles from the transmission corridor.
<i>Arenaria paludicola</i> Marsh sandwort	FE, SE, 1B.1	Sandy substrates and openings in freshwater and brackish marshes and swamps. Known only from two natural occurrences in Black Lake Canyon and Oso Flaco Lake; experimental introductions at Los Osos, Nipomo. Blooms May-Aug. Elevations of 10 to 560 ft.	Not Likely to Occur. Suitable habitat not present, Project area outside geographic range.
<i>Astragalus didymocarpus</i> var. <i>milesianus</i> Miles' milk-vetch	1B.2	Coastal scrub, coastal grasslands in clay soils at elevations of 65 to 295 ft. Blooms Mar-Jun.	Low. Minimally suitable habitat is present; transmission corridor is only portion of the Project within elevation range; not observed during multiple focused surveys; nearest historic occurrence is 2 miles to the NW.
<i>Agoseris apargioides</i> Seaside agoseris	LR	Mixed evergreen forest, northern coastal scrub, coastal sage scrub, coastal strand, mixed evergreen forest, closed-cone pine forest. Primarily coastal habitats. Elevations up to 1,970 ft. Blooms May-Aug.	Present. Recorded on the Project site during surveys for the LWEF, although identification was not certain.
<i>Atriplex coulteri</i> Coulter's saltbush	1B.2	Alkaline or clay soils in coastal bluff scrub, dunes, valley and foothill grasslands. Blooms Mar-Oct. Elevations of 10 to 1,500 ft.	Low. Limited suitable alkali habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 4 miles to the SW.
<i>Atriplex pacifica</i> South coast saltscale	1B.2	Alkali soils in coastal scrub, coastal bluff scrub, playas, and coastal dunes. Elevations up to 1,300 ft.	Low. Limited suitable alkali habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 4 miles to the SW.
<i>Atriplex serenana</i> var. <i>davidsonii</i> Davidson's saltscale	1B.2	Coastal bluff scrub, coastal scrub in alkaline soil. Blooms Apr-Oct. Elevations of 10 to 820 ft.	Low. Limited suitable alkali habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 4 miles to the SW.
<i>Baccharis plummerae</i> ssp. <i>plummerae</i> Plummer's baccharis	4.3	Rocky soils in chaparral, coastal scrub, cismontane woodland, and broad-leafed upland forest habitats. Perennial deciduous shrub that blooms May-Oct. Elevations of 10 to 1,400 ft.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the SE.
<i>Calandrinia breweri</i> Brewer's calandrinia	4.2	On disturbed sites and burned areas with sandy or loamy soils in chaparral and coastal sage scrub habitats. Blooms Mar-Jun, possibly as early as Jan. Elevations of 30 to 4,000 ft.	Low. Marginally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the NW.
<i>Calochortus catalinae</i> Catalina mariposa lily	4.2	Chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland habitats. Blooms Feb-Jun. Elevations of 50 to 2,300 ft.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the SE.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Calochortus fimbriatus</i> Late-flowered mariposa lily	1B.3	Often on serpentinite. Chaparral, cismontane woodland, riparian woodland at elevations of 900 to 6,250 ft. Blooms Jun-Aug.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the SE.
<i>Calycadenia villosa</i> Dwarf calycadenia	1B.1	Rocky and fine sands soils in chaparral, cismontane woodland, meadows and seeps, valley and foothill grassland. Elevations from 780 to 4,400 ft. Blooms May-Oct.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the N.
<i>Calystegia subacaulis</i> ssp. <i>episcopalis</i> Cambria morning-glory	4.2, LR	Clay soils in chaparral, cismontane woodland, coastal prairie, and valley and foothill grasslands. Elevations from 100 to 1,600 ft. Blooms Mar-Jul.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the N.
<i>Chenopodium littoreum</i> Coastal goosefoot	1B.2	Coastal dunes at elevations from 30 to 100 ft. Blooms Apr-Aug.	Not Likely to Occur. No suitable coastal dune habitat on site and Project is outside elevation range.
<i>Chorizanthe rectispina</i> Strait-awned spineflower	1B.3	Occurs in the understory of chaparral, woodland, and coastal scrub habitats in Monterey, Santa Barbara, and San Luis Obispo Cos. at elevations from 280 to 3,395 ft. Blooms Apr-Jul.	Low. Potential habitat exists, but the foggy conditions of the Project area make its occurrence unlikely. Nearest occurrence is over 5 miles to the N.
<i>Cicuta maculata</i> var. <i>bolanderi</i> Bolander's water-hemlock	2B.1	Marshes and swamps. Coastal, fresh, or brackish water. Elevations up to 660 ft. Blooms Jul-Sep.	Not Likely to Occur. No suitable habitat present and Project is just outside elevation range.
<i>Cirsium rhotophilum</i> Surf thistle	ST, 1B.2, SBBG	Coastal dunes and coastal bluff scrub at elevations up to 200 ft. Blooms Apr-Jun.	Not Likely to Occur. No suitable coastal habitat on site and Project is outside elevation range.
<i>Cirsium scariosum</i> var. <i>loncholepis</i> [<i>C. loncholepis</i>] La Graciosa thistle	FE, ST, 1B.1	Cismontane woodland, coastal dunes, coastal scrub, marshes and swamps (brackish), valley and foothill grassland/mesic, sandy. Blooms May-Aug. Elevations of 10 to 720 ft.	Low. Minimally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the NW.
<i>Cladium californicum</i> California saw-grass	2B.2	Freshwater and alkali marshes, seeps/freshwater or alkaline moist habitats. Blooms Jun-Sept. Elevations of 200 to 2,000 ft.	Not Likely to Occur. No suitable habitat present; not observed during multiple focused surveys.
<i>Convolvulus simulans</i> Small-flowered morning-glory	4.2	Clay soils and occasionally serpentine soils in valley grassland, northern coastal scrub, coastal sage scrub. Annual herb that blooms Mar-Jul. Elevations of 30 to 2,800 ft.	Low. Minimally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the NW.
<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i> Seaside bird's-beak	SE, 1B.1	Closed-cone coniferous forest, chaparral, cismontane woodland, coastal scrub, coastal dunes. Found in sandy, often disturbed sites, usually within chaparral or coastal scrub. Blooms Jul-Aug. Elevations of 0 to 700 ft.	Low. Marginally suitable habitat is present; not observed during multiple focused surveys; nearest historic occurrence is approx. 3 miles to the E.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Deinandra increscens</i> ssp. villosa Gaviota tarplant	FE, SE, 1B.1	Coastal scrub, valley and foothill grassland, coastal bluff scrub. Known from coastal terrace near Gaviota; sandy blowouts amid sandy loam soil; grassland/coastal scrub ecotone. Blooms Jun-Sept. Elevations of 115 to 1,400 ft.	Present. A total of 103 populations totaling 4.5 million individual plants were documented over 192 acres within the Project site. Also recorded as present in the LWEP EIR. Critical Habitat. The entire 791-acre Sudden Peak Unit of designated critical habitat occurs within the Project site.
<i>Deinandra paniculata</i> Paniculate tarplant	4.2	Usually in seasonally mesic areas, sometimes sandy areas. Coastal sage scrub, valley and foothill grasslands, vernal pools. Blooms Apr-Nov. Elevations of 80 to 3,100 ft.	Moderate. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 5 miles to the N of the transmission corridor.
<i>Delphinium parryi</i> ssp. blochmaniae Dune larkspur	1B.2	Chaparral, maritime coastal dunes. On rocky areas and dunes at elevations of 0 to 660 ft. Blooms Apr-Jun.	Low. Minimally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 3 miles to the N of the transmission corridor.
<i>Delphinium</i> umbraculorum Umbrella larkspur	1B.3, LR	Cismontane woodland. Mesic sites. Blooms Apr-Jun. Elevations of 1,300 to 5,300 ft.	Low. Marginally suitable habitat is present; not observed during multiple focused surveys; nearest historic occurrence is approx. 3 miles to the E.
<i>Dichondra occidentalis</i> Western dichondra	4.2	Chaparral, valley grassland, foothill woodland, northern coastal scrub, coastal sage scrub. Perennial (rhizomatous) herb that blooms Mar-Jul. Elevations of 10 to 2,100 ft.	Present. Recorded on the Project site during surveys for the LWEP.
<i>Diplacus</i> vandenbergensis Vandenberg monkeyflower	FE, 1B.1, SBBG	Sandy, often disturbed areas in chaparral, cismontane woodland, central maritime chaparral (Burton Mesa), and coastal dunes. Elevations of 200 to 400 ft. Blooms Apr-Jun.	Low. Marginal habitat present; Project site is outside of elevation range.
<i>Dithyrea maritima</i> Beach spectaclepod	ST, 1B.1	Coastal dunes and sandy soils in coastal scrub. Elevations up to 165 ft. Blooms Mar-May.	Not Likely to Occur. No suitable coastal dune habitat on site and Project is outside elevation range.
<i>Dudleya blochmaniae</i> ssp. blochmaniae Blochman's dudleya	1B.1, RSABG	Rocky, often clay or serpentinite soils in coastal bluff scrub, chaparral, coastal sage scrub, and valley and foothill grassland habitats. Blooms Apr-Jun. Elevations of 15 to 1,480 ft.	Low. Minimally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is more than 5 miles to the NW.
<i>Erigeron blochmaniae</i> Blochman's leafy daisy	1B.2	Coastal dunes and coastal scrub. Blooms Jun-Aug. Elevations of 10 to 150 ft.	Not Likely to Occur. No suitable coastal dune habitat on site and Project is outside elevation range.
<i>Eriodictyon capitatum</i> Lompoc yerba santa	FE, SR, 1B.2	Closed-cone coniferous forest, chaparral. Sandy soils on terraces. Blooms Apr-Jun. Elevations of 130 to 1,500 ft.	Low. Marginally suitable habitat present; not observed during multiple focused surveys; nearest occurrence is about 6 miles SE.
<i>Eriogonum elegans</i> Elegant wild buckwheat	4.3	Sandy or gravelly soils in cismontane woodlands and valley and foothill grasslands. Elevations of 650 to 5000 ft. Blooms May-Nov.	Low. Marginally suitable habitat present; not observed during multiple focused surveys; nearest historic occurrence is about 5 miles N.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Erysimum capitatum</i> <i>var. lompopense</i> San Luis Obispo wallflower	4.2, LR	Sandy soils in chaparral and coastal scrub. Elevations of 200 to 1,640 ft. Blooms Feb-May.	High. Suitable habitat is present; not observed during multiple focused surveys; known from Miguelito Park in the immediate vicinity of the transmission corridor.
<i>Fritillaria ojaiensis</i> Ojai fritillary	1B.2	Occurs in the understory of chaparral and forest habitats in Sonoma, Ventura, Santa Barbara, and San Luis Obispo Cos. at elevations from 985 to 3,275 ft. Blooms Feb-May.	Not Likely to Occur. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence more than 10 miles to the E.
<i>Heuchera pilosissima</i> Seaside heuchera	LR	Coastal bluffs and nearby forests. Blooms May-Jun.	Present. Recorded on the Project site during surveys for the LWEP.
<i>Hordeum intercedens</i> Vernal barley	3.2	Coastal dunes, coastal scrub, saline flats and depressions in valley and foothill grassland, vernal pools. Elevations of 15 to 3,300 ft.	Not Likely to Occur. Minimally suitable habitat is present; not observed during multiple focused surveys; nearest occurrence more than 10 miles to the E.
<i>Horkelia cuneata</i> <i>var. puberula</i> Mesa horkelia	1B.1	On sandy or gravelly sites in chaparral, cismontane woodland, coastal scrub. Elevations of 230 to 2,660 ft. Blooms Feb-Sep.	Present. Twelve populations totaling 1,107 individual plants were recorded on the Project site during 2018 surveys. It should be noted that <i>H. cuneata</i> <i>var. puberula</i> , <i>H. cuneata</i> <i>var. sericea</i> , and the common <i>H. cuneata</i> <i>var. cuneata</i> intergrade across the Project site.
<i>Horkelia cuneata</i> <i>var. sericea</i> Kellogg's horkelia	1B.1	Sandy or gravelly soils. On coastal dunes and in openings in closed-cone coniferous forests, maritime chaparral, and coastal scrub. Blooms Apr-Sept. Elevations of 30 to 660 ft.	Present. Fifteen populations totaling 16,763 individual plants were recorded on the Project site during 2018 surveys. It should be noted that <i>H. cuneata</i> <i>var. puberula</i> , <i>H. cuneata</i> <i>var. sericea</i> , and the common <i>H. cuneata</i> <i>var. cuneata</i> intergrade across the Project site.
<i>Juglans californica</i> Southern California black walnut	4.2	Chaparral, coastal scrub, cismontane woodland. Slopes, canyons, alluvial habitats. Elevations of 160 to 3,000 ft. Blooms Mar-Aug.	Present. Four populations were documented during spring 2018 floristic surveys, totaling five individual plants covering 2,714 square ft.
<i>Juncus falcatus</i> Sickle-leaved rush	LR	Usually occurs in wetlands. Coastal strand, coastal prairie, wetland-riparian. Elevations of 35 to 755 ft.	Present. Recorded on the Project site during surveys for the LWEP.
<i>Lasthenia glabrata</i> <i>ssp. coulteri</i> Coulter's goldfields	1B.1, RSABG	Marshes and swamps (coastal salt), playas, and vernal pools. Blooms Feb-Jun. Elevations of 0 to 4,000 ft.	Low. Minimally suitable habitat present; not observed during multiple focused surveys; nearest historic occurrence is about 5 miles W.
<i>Layia carnosa</i> Beach layia	1B.1, RSABG	Sandy soils in coastal scrub and con coastal dunes. Elevations up to 200 ft. Blooms Mar-Jul.	Not Likely to Occur. No suitable coastal habitat on site and Project is outside elevation range.
<i>Layia heterotricha</i> Pale-yellow layia	1B.1, SBBG	Cismontane woodland, pinyon/juniper woodland, as well as valley and foothill grassland where soil is alkaline or fine, friable clay at elevations of 980 to 5,600 ft. Blooms Mar-Jun.	Not Likely to Occur. Minimally suitable habitat is present; not observed during multiple focused surveys; Project site is outside of geographic range.
<i>Lepidium virginicum</i> <i>var. robinsonii</i> Robinson's pepper-grass	4.3	Chaparral, coastal scrub, dry soils, shrubland. Blooms Apr-Jun. Elevations of 0 to 3,100 ft.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest historic occurrence is about 5 miles NW.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Leptodactylon californicum</i> ssp. <i>tomentosum</i> [<i>Linanthus californicus</i> ssp. <i>tomentosus</i>] Fuzzy prickly phlox	4.2	Scrub, forest, coastal strand; Burton Mesa, Nipomo Mesa. Blooms Mar-Aug. Elevations up to 600 ft.	Low. Project site is outside of geographic and elevational range; nearest record more than 5 miles to the N.
<i>Lilium humboldtii</i> ssp. <i>ocellatum</i> Ocellated Humboldt lily	4.2	Chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest, and riparian woodland habitats at elevations of 98 to 5,906 ft. Blooms Mar-Jul. Coastal California, from Santa Barbara to San Diego Cos.	Present. One population was documented during spring 2018 surveys totaling 6 individuals and covering 37 square ft.
<i>Lomatium parvifolium</i> Small-leaved lomatium	4.2	Often on serpentine soils. Closed-cone coniferous forest, chaparral, coastal scrub, riparian woodland. Blooms Jan-Jun. Elevations of 60 to 2,300 ft.	Moderate. Suitable habitat is present; not observed during multiple focused surveys; nearest records from VAFB, approx. 4.5 miles to the W.
<i>Lonicera subspicata</i> var. <i>subspicata</i> Santa Barbara honeysuckle	1B.2	Chaparral, cismontane woodland, coastal scrub. Sandy soil. Elevations of 100 to 3,300 ft. Blooms Apr-May.	Low. Suitable habitat is present; Project site is outside of geographic range; nearest record more than 5 miles to the N.
<i>Micropus amphibolus</i> Mount Diablo cottonweed	3.2	Rocky soils in broad-leaved upland forest, chaparral, cismontane woodland, and valley and foothill grassland. Elevations of 150 to 2,700 ft. Blooms Mar-May.	Not Likely to Occur. Suitable habitat is present; Project site is outside of geographic range; nearest record more than 10 miles to the E.
<i>Mimulus subsecundus</i> One-sided monkeyflower	4.3	Chaparral and lower montane coniferous forest. Elevations of 1,450 to 3,200 ft. Blooms from May-July.	Not Likely to Occur. Marginally suitable habitat is present; Project site is well outside of elevational range.
<i>Monardella hypoleuca</i> ssp. <i>hypoleuca</i> White-veined monardella	1B.3	Chaparral, cismontane woodland. Blooms Apr-Dec. Elevations of 160 to 5,000 ft.	Low. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence more than 6 miles to the SE.
<i>Monardella sinuata</i> ssp. <i>sinuata</i> Southern curly-leaved monardella	1B.2	Sandy soils in chaparral, cismontane woodland, coastal dunes, and openings in coastal scrub. Blooms Apr-Sept. Elevations of 0 to 1,000 ft.	Low. Project site is outside of geographic range; nearest record more than 5 miles to the N.
<i>Monardella undulata</i> ssp. <i>arguelloensis</i> Point Arguello monardella	1B.1	Coastal dunes, coastal scrub. Often on the borders of open, sandy areas, usually adjacent to typical back-dune scrub vegetation. Blooms Apr-Sept. elevations of 15 to 400 ft.	Low. Project site is outside of geographic range; nearest record more than 5 miles to the N.
<i>Monardella undulata</i> ssp. <i>crispa</i> Crisp monardella	1B.2	Coastal dunes and coastal scrub at elevations of 30 to 400 ft. Blooms Apr-Aug.	Low. Project site is outside of geographic range; nearest record more than 5 miles to the N.
<i>Monardella undulata</i> ssp. <i>undulata</i> San Luis Obispo monardella	1B.2	Coastal dunes and sandy soils in coastal scrub at elevations of 30 to 650 ft. Blooms May-Sep.	Low. Project site is outside of geographic range; nearest record more than 5 miles to the N.
<i>Mucronea californica</i> California spineflower	4.2	Sandy soils in chaparral, cismontane woodland, coastal dunes, coastal scrub, and valley and foothill grassland. From sea level to an elevation of approx. 4,500 ft. Blooms Mar-Aug.	Moderate. Suitable habitat present; not observed during multiple focused surveys; known from within about 5 miles of the Project site.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Nasturtium [Rorippa, Cardamine] gambelii</i> Gambel's watercress	FE, ST, 1B.1, RSABG, SBBG	Marshes and swamps (freshwater or brackish). Blooms Apr-Sep. Elevations of 15 to 1,100 ft.	Not Likely to Occur. Suitable marsh and swamp habitat absent from Project site.
<i>Ophioglossum californicum</i> California adder's tongue	4.2	Mesic habitats including chaparral, valley and foothill grassland, and vernal pools. Elevation from 200 to 1,700 ft. Blooms Jan-Jun.	Low. Minimally suitable habitat present; not observed during multiple focused surveys; one occurrence known from within about 6 miles of the Project site.
<i>Phacelia hubbyi</i> Hubby's phacelia	4.2	Rocky and talus slopes in chaparral, coastal scrub, and valley and foothill grasslands. Sea level to about 3,250 ft elevation. Blooms Apr-Jul.	High. Suitable habitat is present; not observed during multiple focused surveys; known from the immediate vicinity of the Project site.
<i>Phacelia ramosissima</i> var. <i>australitoralis</i> South coast branching phacelia	3.2	Coastal California from southern San Luis Obispo County south through middle San Diego County. Sandy, sometimes rocky soils in chaparral, coastal dunes, coastal scrub, and marsh and swamp (coastal salt) habitats at elevations of 16 to 984 ft. Blooms Mar-Aug.	Present. Two populations were documented during the spring 2018 floristic surveys, totaling 64 individual plants covering 583 square ft.
<i>Piperia michaelii</i> Michael's rein orchid	4.2, LR	Coastal bluff scrub, closed-cone coniferous forest, chaparral, cismontane woodland, coastal scrub, and lower montane coniferous forest. Elevations up to 3,000 ft. Blooms Apr-Aug.	Moderate. Suitable habitat present; not observed during multiple focused surveys; known from within about 5 miles of the Project site.
<i>Pogogyne douglasii</i> Douglas' pogogyne	LR	Valley grassland, foothill woodland, yellow pine forest, northern oak woodland, mixed evergreen forest, and wetland-riparian habitats. Elevations of 115 to 1,410 ft. Blooms Apr-Jul.	Moderate. Suitable habitat present; not observed during multiple focused surveys; known from within about 1.5 miles of the Project site.
<i>Polygala cornuta</i> var. <i>fishiae</i> Fish's milkwort	4.3, LR	Chaparral, cismontane woodland, and riparian woodland. Elevations from 300 to 3,300 ft. Blooms May-Aug.	High. Suitable habitat is present; not observed during multiple focused surveys; known from the immediate vicinity of the Project site.
<i>Quercus parvula</i> var. <i>parvula</i> Santa Cruz Island oak	4.2	Closed-cone coniferous forest, chaparral, and cismontane woodland.	High. Nearest record (from 1952) less than 1 mile west of WTG W-13. A more recent record (2002) approx. 1.25 mile north of WTG N-9. Conspicuous shrub not reported during Project surveys.
<i>Ribes amarum</i> var. <i>hoffmannii</i> Bitter gooseberry	3	Chaparral and riparian woodland. Elevations of 15 to 3,900 ft. Perennial deciduous shrub that blooms Mar-Apr.	Not Likely to Occur. Suitable habitat is present; Project site is outside of geographic range; nearest record more than 10 miles to the E.
<i>Ribes menziesii</i> Canyon gooseberry	LR	Redwood forest, mixed evergreen forest, chaparral at elevations up to 3,740 ft. Blooms Jan-Mar.	High. Suitable habitat is present; not observed during multiple focused surveys; known from historic records within about 1 miles of the Project site.
<i>Sanicula hoffmannii</i> Hoffmann's sanicle	4.3	Often on serpentinite or clay soils. Broad-leaved upland forest, coastal bluff scrub, chaparral, cismontane woodland, coastal scrub, lower montane coniferous forest. Elevations of 100 to 990 ft. Blooms Mar-May.	Low. Marginally suitable habitat present; not observed during multiple focused surveys; nearest occurrence about 5 miles to the S.

Table 4.5-2. Special-Status Plants Potentially Occurring in the Proposed Project Area

Species	Status*	Habitat Associations	Potential to Occur
<i>Scrophularia atrata</i> Black-flowered figwort	1B.2	Closed-cone coniferous forest, chaparral, coastal dunes, coastal scrub, riparian scrub. Sandy, diatomaceous shale and soils derived from other parent material; along swales and in sand dunes. Blooms Apr-Jul. Elevations of 30 to 1,640 ft.	Present. A total of 173 populations were documented during the spring 2018 floristic surveys, totaling 1,152 individual plants covering 8,531 square ft.
<i>Senecio aphanactis</i> Chaparral ragwort	2B.2	Drying alkaline flats in chaparral, cismontane woodland, and coastal scrub. Elevations of 50 to 2,630 ft. Blooms Jan-Apr.	Moderate. Suitable habitat is present; not observed during multiple focused surveys; nearest occurrence is about 2 miles to the S.
<i>Sidalcea malviflora ssp. californica</i> California globemallow	LR	Occurs usually in wetlands, occasionally in non-wetlands. Elevations of 130 to 1,540 ft. Blooms May-Aug.	Present. Recorded on the Project site during surveys for the LWEP.
<i>Symphotrichum defoliatum</i> San Bernardino aster	1B.2	Near ditches, springs, streams. Cismontane woodland, coastal scrub, lower montane coniferous woodland, meadows and seeps, marshes and swamps, and vernal mesic valley and foothill grassland. Elevations up to 6,700 ft. Blooms Jul-Nov.	Not Likely to Occur. No suitable micro-habitat present; not observed during multiple focused surveys.
<i>Thelypteris puberula</i> var. <i>sonorensis</i> Sonoran maiden fern	2B.2	Meadows, seeps, stream banks. Elevations of 160 to 2,000 ft.	Not Likely to Occur. No suitable micro-habitat present; not observed during multiple focused surveys.

Source: CDFW, 2018a; CNPS, 2018; CCH, 2018; Sapphos, 2018; Dudek, 2018a; Dudek, 2018b

***Federal Rankings:**

FE – Federally Endangered

FT – Federally Threatened

***State Rankings:**

SE – State Endangered

ST – State Threatened

SR – State Rare

***CRPR Rankings:**

1A – Presumed extinct in California

1B – Rare or endangered in California and elsewhere

2 – Rare or endangered in California, more common elsewhere

3 – More information needed

4 – Limited distribution (Watch List)

For each CRPR Ranking, the following sub-categories apply:

.1 = Seriously endangered in California (over 80 percent of occurrences threatened / high degree and immediacy of threat)

.2 = Fairly endangered in California (20 to 80 percent occurrences threatened)

.3 = Not very endangered in California (less than 20 percent of occurrences threatened or no current threats known)

***Local Rankings**

SBBG – Santa Barbara Botanic Garden

RSABG – Rancho Santa Ana Botanic Garden

LR – Locally rare