

**Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.**

Species	Status <sup>1, 2</sup>			General Habitat and Micro Habitat Requirements <sup>1</sup>	Elevation Range; Life Form; Blooming Period <sup>2</sup>	Discussion <sup>3</sup>	Recommendations
	Federal	State	CNPS CRPR				
<b>DICOTS</b>							
Chaparral sand-verbena <i>Abronia villosa</i> var. <i>aurita</i>	--	--	1B.1	Chaparral, Coastal scrub, Desert dunes; Sandy	75-1,600 m; Annual herb; Blooms from (Jan) March to September	Habitats present at the project site would not support this species. The vegetation and soil types that could support this species are not present at the project site.	None.
Singlewhorl burrobrush <i>Ambrosia monogyra</i>	--	--	2B.2	Chaparral, Sonoran desert scrub; Sandy	10-500 m; Perennial shrub; Blooms from August to November	Habitats present at the project site would not support this species. Soils at the project site are too disturbed and compacted to support this species.	None.
San Diego ambrosia <i>Ambrosia pumila</i>	FE	--	1B.1	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Alkaline (sometimes), Clay (sometimes), Disturbed areas (often), Sandy (sometimes)	20-415 m; Perennial rhizomatous herb; Blooms from April to October	Habitats present at the project site would not support this species. Soils at the project site are too disturbed and compacted to support this species.	None.
San Gabriel manzanita <i>Arctostaphylos glandulosa</i> ssp. <i>gabrielensis</i>	--	--	1B.2	Chaparral	595-1,500 m; Perennial evergreen shrub; Blooms in March	Habitats present at the project site would not support this species. The vegetation and soil types that could support this species are not present at the project site.	None.
Marsh sandwort <i>Arenaria paludicola</i>	FE	SE	1B.1	Marshes and swamps; Openings, Sandy	3-170 m; Perennial stoloniferous herb; Blooms May to August	Habitats present at the project site would not support this species. The project site is not sufficiently mesic or sandy enough to support this species.	None.

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Horn's milk-vetch <i>Astragalus hornii</i> var. <i>hornii</i>	--	--	1B.1	Meadows and seeps, Playas; Alkaline, Lake Margins	90-850 m; Annual herb; Blooms May to October	Habitats present at the project site would not support this species. Alkaline soil types that could support this species are not present at the project site.	None.
Nevin's barberry <i>Berberis nevinii</i>	FE	SE	1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; Gravelly (sometimes), Sandy (sometimes)	70-825 m; Shrub; Blooms March to June	Habitats present at the project site would not support this species. The vegetation and soil types that could support this species are not present at the project site.	None.
San Bernardino Mountains owl's-clover <i>Castilleja lasiorhyncha</i>	--	--	1B.2	Chaparral, Meadows and seeps, Pebble (Pavement) plain, Riparian woodland, Upper montane coniferous forest; Mesic	1,300-2,390 m; Annual herb (hemiparasitic); Blooms May to Aug	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Smooth tarplant <i>Centromadia pungens</i> ssp. <i>laevis</i>	--	--	1B.1	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; Alkaline	0-640 m; Annual herb; Blooms April to September	Habitats present at the project site would not support this species. Alkaline soil types that could support this species are not present at the project site.	None.
Salt marsh bird's beak <i>Chloropyron maritimum</i> ssp. <i>maritimum</i>	FE	SE	1B.2	Coastal dunes, Marshes and swamps	0-30 m; Annual herb; Blooms from May to Nov.	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No coastal dunes, marshes, or swamps are located at the project site.	None.

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	Federal	State	CNPS CRPR				
Peninsular spineflower <i>Chorizanthe leptotheca</i>	--	--	4.2	Chaparral, Coastal scrub, Lower montane coniferous forest; Granitic	300-1,900 m; Annual herb; Blooms from May-Aug	Habitats present at the project site would not support this species. The soils present at the site are disturbed and consist of an aggregate of multiple types of fill and are too disturbed to support this species.	None.
Parry's spineflower <i>Chorizanthe parryi</i> var. <i>parryi</i>	--	--	1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; Openings, Rocky (sometimes), Sandy (sometimes)	225-1,220 m; Annual herb; Blooms April to June	Habitats present at the project site would not support this species. The Project site does not have sufficiently sandy/rocky granitic soils to support this species. The soils present at the site are disturbed and consist of an aggregate of multiple types of fill and are too disturbed to support this species.	None.
White-bracted spineflower <i>Chorizanthe xanti</i> var. <i>leucotheca</i>	--	--	1B.2	Coastal scrub, Mojavean desert scrub, Pinyon and juniper woodland; Gravelly (sometimes), Sandy (sometimes)	300-1,200 m; Annual herb; Blooms from April to June	Habitats present at the project site would not support this species. The Project site does not have sufficiently sandy/rocky granitic soils to support this species. The soils present at the site are disturbed and consist of an aggregate of multiple types of fill and are too disturbed to support this species.	None.
Peirson's spring beauty <i>Claytonia peirsonii</i> ssp. <i>peirsonii</i>	--	--	1B.2	Subalpine coniferous forest, Upper montane coniferous forest; Granitic, Metamorphic, Scree, Talus	1,510-2,745 m; Perennial herb; Blooms from (March) May to June	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.

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	Federal	State	CNPS CRPR				
Tulare cryptantha <i>Cryptantha incana</i>	--	--	1B.3	Lower montane coniferous forest	1,430-21,50 m; Annual herb; Blooms from June to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Peruvian dodder <i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	--	--	2B.2	Marshes and swamps	15-280 m; Annual herb/vine; Blooms July to October	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes or swamps are located at the project site.	None.
Paniculate tarplant <i>Deinandra paniculata</i>	--	--	4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; Sandy (sometimes), Vernal Mesic (usually)	25-940 m; Annual herb; Blooms from (Mar) April to November	Habitats present at the project site would not support this species. The project site is not sufficiently mesic or sandy enough to support this species. No vernal pools are present at the project site.	<b>None</b>
Johnston's monkeyflower <i>Diplacus johnstonii</i>	--	--	4.3	Lower montane coniferous forest	975-2,920 m; Annual herb; Blooms from May to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Slender-horned spineflower <i>Dodecahema leptoceras</i>	FE	SE	1B.1	Chaparral, Cismontane woodland, Coastal scrub; Sandy	200-760 m; Annual herb; Blooms April to June	Habitats present at the project site would not support this species. Soils at the site are not sufficiently sandy and are too disturbed to support this species.	None.

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Many-stemmed dudleya <i>Dudleya multicaulis</i>	--	--	1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; Clay (often)	15-790 m; Perennial herb; Blooms from April to July	Habitats present at the project site would not support this species. Clay soils that could support this species are not present at the project site and the soils at the project site are too disturbed to support this species.	None.
Santa Ana River woollystar <i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	FE	SE	1B.1	Chaparral, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)	91-610 m; Perennial herb; Blooms May to September	Habitats present at the project site would not support this species. Gravelly/sandy soils that could support this species are not present at the project site and the soils at the project site are too disturbed to support this species.	None.
Alpine slender buckwheat <i>Eriogonum microthecum</i> var. <i>alpinum</i>	--	--	4.3	Alpine dwarf scrub, Great Basin scrub; Gravelly (sometimes), Rocky (sometimes)	2,500-3,300 m; Perennial herb, Blooms from Jul-Sep	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Johnston's buckwheat <i>Eriogonum microthecum</i> var. <i>johnstonii</i>	--	--	1B.3	Subalpine coniferous forest, Upper montane coniferous forest; Rocky	1,829-2,926 m; Perennial deciduous shrub; Blooms from July to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Alpine sulfur-flowered buckwheat <i>Eriogonum umbellatum</i> var. <i>minus</i>	--	--	4.3	Subalpine coniferous forest, Upper montane coniferous forest; Gravelly	1,800-3,068 m; Perennial herb; Blooms from June to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Southern Sierra woolly sunflower <i>Eriophyllum lanatum</i> var. <i>obovatum</i>	--	--	4.3	Lower montane coniferous forest, Upper montane coniferous forest; Loam, Sandy	1,114-2,500 m; Perennial herb; Blooms from June-July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.

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Pine green-gentian <i>Frasera neglecta</i>	--	--	4.3	Meadows and seeps	1,400-2,500 m; Perennial herb; Blooms from May-July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
San Antonio Canyon bedstraw <i>Galium angustifolium</i> ssp. <i>gabrielense</i>	--	--	4.3	Chaparral, Lower montane coniferous forest; Granitic, Rocky (sometimes), Sandy (sometimes)	1,200-2,650 m; Perennial herb; Blooms from April to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Alvin Meadow bedstraw <i>Galium californicum</i> ssp. <i>primum</i>	--	--	1B.2	Chaparral, Lower montane coniferous forest; Granitic, Sandy	1,350-1,700 m; Perennial herb; Blooms from May to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Jepson's bedstraw <i>Galium jepsonii</i>	--	--	4.3	Lower montane coniferous forest, Upper montane coniferous forest; Granitic, Gravelly (sometimes), Rocky (sometimes)	1,540-2,500 m; Perennial rhizomatous herb; Blooms from July to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Johnston's bedstraw <i>Galium johnstonii</i>	--	--	4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Riparian woodland	1,220-2,300 m; Perennial herb; Blooms from June to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Los Angeles sunflower <i>Helianthus nuttallii</i> ssp. <i>parishii</i>	--	--	1A	Marshes and swamps	10-1,525 m; Perennial herb (rhizomatous); Blooms August to October	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes or swamps are located at the project site.	None.

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urn-flowered alumroot <i>Heuchera caespitosa</i>	--	--	4.3	Cismontane woodland, Lower montane coniferous forest, Riparian forest, Upper montane coniferous forest; Rocky	1,155-2,650m; Perennial rhizomatous herb; Blooms from May to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Mesa horkelia <i>Horkelia cuneata</i> var. <i>puberula</i>	--	--	1B.1	Chaparral, Cismontane woodland, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)	70-810 m; Perennial herb; Blooms February to July	Habitats present at the project site would not support this species. The Project site does not have sufficiently gravelly/sandy soils to support this species. The soils present at the site are disturbed and consist of an aggregate of multiple types of fill and are too disturbed to support this species.	None.
Southern California black walnut <i>Juglans californica</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland	50-900 m; Perennial deciduous tree; Blooms from March to August	Habitats present at the project site would not support this species. The mesic conditions, vegetation, and soil types that could support this species are not present at the project site.	None.
Coulter's goldfields <i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	--	--	1B.1	Marshes and swamps, Playas, Vernal pools	1-1,220 m; Annual herb; Blooms from February to June	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No vernal pools, marshes, swamps, or playas are present at the project site.	<b>None</b>
Robinson's pepper-grass <i>Lepidium virginicum</i> var. <i>robinsonii</i>	--	--	4.3	Chaparral, Coastal scrub	1-885 m; Annual herb; Blooms January to July	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.

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	Federal	State	CNPS CRPR				
San Gabriel linanthus <i>Linanthus concinnus</i>	--	--	1B.2	Chaparral, Lower montane coniferous forest, Upper montane coniferous forest; Openings, Rocky	1,520-2,800 m; Annual herb; Blooms from April to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Parish's desert-thorn <i>Lycium parishii</i>	--	--	2B.3	Coastal scrub, Sonoran desert scrub	135-1,030 m; Perennial shrub; Blooms March to April	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.
Parish's bush-mallow <i>Malacothamnus parishii</i>	--	--	1A	Chaparral, Coastal scrub	305-455 m; Perennial deciduous shrub; Blooms June to July	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.
Jokerst's monardella <i>Monardella australis</i> ssp. <i>jokerstii</i>	--	--	1B.1	Chaparral, Lower montane coniferous forest; Alluvial Terraces, Drainages, Scree, Slopes, Talus, Washes	1,350-1,750 m; Perennial rhizomatous herb; Blooms from July to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Pringle's monardella <i>Monardella pringlei</i>	--	--	1A	Coastal scrub	500-1,800 m; Annual herb; Blooms June to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Rock monardella <i>Monardella saxicola</i>	--	--	4.2	Chaparral, Closed-cone coniferous forest, Lower montane coniferous forest; Rocky, Serpentinite (usually)	500-1,800 m; Perennial rhizomatous herb; Blooms from June to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.



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Gambel's water cress <i>Nasturtium gambelii</i>	FE	ST	1B.1	Marshes and swamps	5-330 m; Perennial rhizomatous herb; Blooms April to October	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes or swamps are located at the project site.	None.
Prostrate vernal pool navarretia <i>Navarretia prostrata</i>	--	--	1B.2	Coastal scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools; Mesic	3-1,210 m; Annual herb; Blooms from April to July	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No vernal pools are present at the project site.	<b>None</b>
Short-joint beavertail <i>Opuntia basilaris</i> var. <i>brachyclada</i>	--	--	1B.2	Chaparral, Joshua tree "woodland", Mojavean desert scrub, Pinyon and juniper woodland	425-1,800 m; Perennial stem; Blooms from April to June (August)	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Woolly mountain-parsley <i>Oreonana vestita</i>	--	--	1B.3	Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest; Gravelly (sometimes), Talus (sometimes)	1,615-3,500 m; Perennial herb; Blooms from March to September	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Mojave phacelia <i>Phacelia mohavensis</i>	--	--	4.2	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland; Gravelly (sometimes), Sandy (sometimes)	1,400-2,500 m; Annual herb; Blooms from April to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.

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	Federal	State	CNPS CRPR				
Brand's star phacelia <i>Phacelia stellaris</i>	--	--	1B.1	Coastal dunes, Coastal scrub	1-400 m; Annual herb; Blooms from March to June	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.
White rabbit-tobacco <i>Pseudognaphalium leucocephalum</i>	--	--	2B.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; Gravelly, Sandy	0-2,100 m; Perennial herb; Blooms from (July) August to November (December)	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site. Soils present at the site are not sufficiently sandy enough to support this species.	None.
San Gabriel oak <i>Quercus durata</i> var. <i>gabrielensis</i>	--	--	4.2	Chaparral, Cismontane woodland	450-1,000 m; Perennial evergreen shrub; Blooms from April to May	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Parish's gooseberry <i>Ribes divaricatum</i> var. <i>parishii</i>	--	--	1A	Riparian woodland	65-300 m; Perennial deciduous shrub; Blooms from February to April	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No riparian woodland habitat is present on-site.	None.
Coulter's matilija poppy <i>Romneya coulteri</i>	--	--	4.2	Chaparral, Coastal scrub; Burned areas (often)	20-1,200 m; Perennial rhizomatous herb; March to July (August)	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.

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Chaparral ragwort <i>Senecio aphanactis</i>	--	--	2B.2	Chaparral, cismontane woodland, coastal scrub; alkaline (sometimes).	15-800 m; Annual herb; Blooms January to April (May)	Habitats present at the project site would not support this species. The vegetation types that could support this species are not present at the project site.	None.
San Gabriel ragwort <i>Senecio astephanus</i>	--	--	4.3	Chaparral, Coastal bluff scrub; Rocky, Slopes	400-1,500 m; Perennial herb; Blooms from May to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Salt Spring checkerbloom <i>Sidalcea neomexicana</i>	--	--	2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; Alkaline, Mesic	15-1,530; Perennial herb; Blooms March to June	Habitats present at the project site would not support this species. Alkaline and mesic soils that could support this species are not present at the project site.	None.
Laguna Mountains jewelflower <i>Streptanthus bernardinus</i>	--	--	4.3	Chaparral, Lower montane coniferous forest	670-2,500 m; Perennial herb; Blooms from May to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Southern jewelflower <i>Streptanthus campestris</i>	--	--	1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland; Rocky	900-2,300 m; Perennial herb; Blooms from (April) May to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
San Bernardino aster <i>Symphotrichum defoliatum</i>	--	--	1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Valley and foothill grassland; Streambanks	2-2,040 m; Perennial herb; Blooms July to November	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.

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Grey-leaved violet <i>Viola pinetorum</i> ssp. <i>grisea</i>	--	--	1B.2	Meadows and seeps, Subalpine coniferous forest, Upper montane coniferous forest	1,500-3,400 m; Perennial herb; April to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
<b>MONOCOTS</b>							
Thread-leaved brodiaea <i>Brodiaea filifolia</i>	FT	SE	1B.1	Chaparral, Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; Clay (often)	25-1,120 m; Perennial herb; Blooms March to June	Habitats present at the project site would not support this species. The project site is not sufficiently mesic or sandy enough to support this species. No vernal pools or similarly mesic sites are present at the project site.	<b>None</b>
Catalina mariposa lily <i>Calochortus catalinae</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland	15-700 m; perennial bulbiferous herb; Blooms from (Feb)Mar-Jun	Habitats present at the project site would not support this species. Soils at the project site are too disturbed to support this species.	None.
Palmer's mariposa-lily <i>Calochortus palmeri</i> var. <i>palmeri</i>	--	--	1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps; Mesic	710-2,390 m; Perennial bulbiferous herb; Blooms from April to July	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Plummer's mariposa lily <i>Calochortus plummerae</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; Granitic, Rocky	100-1700 m; Perennial bulbiferous herb; Blooms from May to July	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, soils are too disturbed to support this species.	None.

**Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.**

Species	Status <sup>1, 2</sup>			General Habitat and Micro Habitat Requirements <sup>1</sup>	Elevation Range; Life Form; Blooming Period <sup>2</sup>	Discussion <sup>3</sup>	Recommendations
	Federal	State	CNPS CRPR				
La Panza mariposa-lily <i>Calochortus simulans</i>	--	--	1B.3	Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland; Granitic (often), Sandy, Serpentinite (sometimes)	325-1,150 m; Perennial bulbiferous herb; Blooms April to June	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, soils are too disturbed to support this species.	None.
Intermediate mariposa-lily <i>Calochortus weedii</i> var. <i>intermedius</i>	--	--	1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; Rocky	105-855 m; Perennial bulbiferous herb; Blooms May to July	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, soils are too disturbed to support this species.	None.
Bristly sedge <i>Carex comosa</i>	--	--	2B.2	Coastal prairie, Marshes and swamps, Valley and foothill grassland	0-625 m; Perennial rhizomatous herb; Blooms May to September	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
California saw-grass <i>Cladium californicum</i>	--	--	2B.2	Marshes and swamps, Meadows and seeps	60-1,600 m; Perennial rhizomatous herb; Blooms from June to September	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes, swamps, meadow, or seeps are located at the project site.	None.
hot springs fimbristylis <i>Fimbristylis thermalis</i>	--	--	2B.2	Meadows and seeps	110-1,340 m; Perennial rhizomatous herb; Blooms from July to September	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No meadows or seeps are located at the project site.	None.

**Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.**

Species	Status <sup>1, 2</sup>			General Habitat and Micro Habitat Requirements <sup>1</sup>	Elevation Range; Life Form; Blooming Period <sup>2</sup>	Discussion <sup>3</sup>	Recommendations
	Federal	State	CNPS CRPR				
Pine fritillary <i>Fritillaria pinetorum</i>	--	--	4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Subalpine coniferous forest, Upper montane coniferous forest; Granitic (sometimes), Metamorphic (sometimes)	1,735-3,300 m; Perennial bulbiferous herb; Blooms from May to July (September)	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Vernal barley <i>Hordeum intercedens</i>	--	--	3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland, Vernal pool	5 to 1,000 m; Annual herb; Blooms from March to June	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, and the project site is not vernal mesic enough to support this species.	None.
California satintail <i>Imperata brevifolia</i>	--	--	2B.1	Chaparral, Coastal scrub, Meadows and seeps, Mojavean desert scrub, Riparian scrub; Mesic	0 to 1,215 m; Perennial rhizomatous herb; Blooms from September to May	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
Duran's rush <i>Juncus duranii</i>	--	--	4.3	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest; Mesic	1,768-2,804 m; Perennial rhizomatous herb Blooms from Jul to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
Ocellated Humboldt lily <i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Riparian woodland; Openings	30-1,800 m; Perennial bulbiferous herb; Blooms from Mar-Jul(Aug)	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, and the project site is not mesic enough to support this species.	None.

**Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.**

Species	Status <sup>1, 2</sup>			General Habitat and Micro Habitat Requirements <sup>1</sup>	Elevation Range; Life Form; Blooming Period <sup>2</sup>	Discussion <sup>3</sup>	Recommendations
	Federal	State	CNPS CRPR				
lemon lily <i>Lilium parryi</i>	--	--	1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest; Mesic	1,220-2,745m; Perennial bulbiferous herb; Blooms from July to August	Habitats present at the project site would not support this species. The project site is outside of the known elevation range of this species.	None.
California muhly <i>Muhlenbergia californica</i>	--	--	4.3	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadows and seeps; Mesic, Seeps, Streambanks	100-2,000 m; Perennial rhizomatous herb Blooms from June to September	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
Aparejo grass <i>Muhlenbergia utilis</i>	--	--	2B.2	Chaparral, Cismontane woodland, Coastal scrub, Marshes and swamps, Meadows and seeps; Alkaline (sometimes), Serpentine (sometimes)	25-2,325 m; Perennial rhizomatous herb; Blooms from March to October	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. Soils present at the project site would not support this species.	None.
Sanford's arrowhead <i>Sagittaria sanfordii</i>	--	--	1B.2	Marshes and swamps	0-650m; Perennial rhizomatous herb (emergent)	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes or swamps are located at the project site.	None.
Black bog-rush <i>Schoenus nigricans</i>	--	--	2B.2	Marshes and swamps	150-2,000 m; Perennial herb; Blooms from August to September	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species. No marshes or swamps are located at the project site.	None.

**Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.**

Species	Status <sup>1, 2</sup>			General Habitat and Micro Habitat Requirements <sup>1</sup>	Elevation Range; Life Form; Blooming Period <sup>2</sup>	Discussion <sup>3</sup>	Recommendations
	Federal	State	CNPS CRPR				
Prairie wedge grass <i>Sphenopholis obtusata</i>	--	--	2B.2	Cismontane woodland, Meadows and seeps; Mesic	300 to 2,000 m; Perennial herb; Blooms April to July	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
<b>Ferns</b>							
Western spleenwort <i>Asplenium vespertinum</i>				Chaparral, Cismontane woodland, Coastal scrub; Rocky	180-1000m; Perennial rhizomatous herb; Blooms from February to June	Habitats present at the project site would not support this species. Vegetation associations that this species requires are not present, soils are too disturbed to support this species.	None.
<b>Plant Communities</b>							
California Walnut Woodland						This plant community is not present on the Project Site.	None.
Coastal and Valley Freshwater Marsh						This plant community is not present on the Project Site.	None.
Riversidian Alluvial Fan Sage Scrub						This plant community is not present on the Project Site.	None.
Southern California Arroyo Chub/Santa Ana Sucker Stream						This plant community is not present on the Project Site.	None.
Southern Cottonwood Willow Riparian Forest						This plant community is not present on the Project Site.	None.
Southern Riparian Forest						This plant community is not present on the Project Site.	None.
Southern Riparian Scrub						This plant community is not present on the Project Site.	None.
Southern Sycamore Alder Riparian Woodland						This plant community is not present on the Project Site.	None.
Southern Willow Scrub						This plant community is not present on the Project Site.	None.

**NOTES:**



## Appendix A: Special Status Plant Species with Potential to Occur on the Project Site.

<sup>1</sup> Excerpted from CDFW CNDDDB (2022)

<sup>2</sup> Excerpted from CNPS (2022)

<sup>3</sup> The potential for occurrence is based on occurrences recorded in the CDFW CNDDDB (2022) and CNPS (2022), knowledge of species requirements, and site inspections during 2022 field survey

### STATUS KEY:

#### Federal

FE: Federally-listed Endangered

FT: Federally-listed Threatened

#### State

SE: California-listed Endangered

ST: California-listed Threatened

California Native Plant Society (CNPS): CNPS has developed five categories of rarity known as the California Rare Plant Ranking (CRPR). CRPR designations are defined as follows:

1A: Presumed extinct in California

1B: Plants listed as rare, threatened, or endangered in California and elsewhere

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

3: Plants about which we need more information

4: Species of limited distribution in California, but whose existence does not appear to be susceptible to threat

CNPS also adds a decimal threat rank to the List rank to parallel that used by the CNDDDB. CNPS rank designations therefore appear as: 1B.1, 1B.2, etc. Threat code extensions are defined as follows:

.1 – Seriously endangered in California (over 80% of occurrences threatened / high degree of immediacy of threat)

.2 – Fairly endangered in California (20-80% occurrences threatened)

.3 – Not very endangered in California (<20% of occurrences threatened or no current threats known)