

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
DICOTS							
Chaparral sand-verbena <i>Abronia villosa</i> var. <i>aurita</i>	--	--	1B.1	Chaparral, Coastal scrub, Desert dunes. Sandy	75-1600m; annual herb; blooms (Jan)Mar-Sep	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.
Parish's oxytheca <i>Acanthoscyphus parishii</i> var. <i>parishii</i>	--	--	4.2	Chaparral, Lower montane coniferous forest. Gravelly (sometimes), Sandy (sometimes)	1220-2600m; annual herb; blooms Jun-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.
California androsace <i>Androsace elongata</i> ssp. <i>acuta</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Meadows and seeps, Pinyon and juniper woodland, Valley and foothill grassland.	150-1305m; annual herb; blooms Mar-Jun	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.
Marsh sandwort <i>Arenaria paludicola</i>	FE	SE	1B.1	Marshes and swamps. Openings, Sandy	3-170m; perennial stoloniferous herb; blooms May-Aug	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.
San Diego sagewort <i>Artemisia palmeri</i>	--	--	4.2	Chaparral, Coastal scrub, Riparian forest, Riparian scrub, Riparian woodland. Mesic, Sandy	15-915m; perennial deciduous shrub; blooms (Feb)May-Sep	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.

¹ Quoted from CNPS (2022)

¹ Information provided in this discussion is based on occurrences recorded in the CNDDDB (2022) and CNPS (2022), knowledge of species requirements, and site inspections during 2022 field survey

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Horn's milk-vetch <i>Astragalus hornii</i> var. <i>hornii</i>	--	--	1B.1	Meadows and seeps, Playas. Alkaline, Lake Margins	60-850m; annual herb; blooms May-Oct	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.
Jaeger's milk-vetch <i>Astragalus pachypus</i> var. <i>jaegeri</i>	--	--	1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland. Rocky (sometimes), Sandy (sometimes)	365-975m; perennial shrub; blooms Dec-Jun	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 Jacinto Valley crownscale <i>Atriplex coronata</i> var. <i>notatior</i>	--	--	1B.1	Playas, Valley and foothill grassland, Vernal pools. Alkaline	139-500m; annual herb; blooms Apr-Aug	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.
Davidson's saltscale <i>Atriplex serenana</i> var. <i>davidsonii</i>	--	--	1B.2	Coastal bluff scrub, Coastal scrub. Alkaline	10-200m; annual herb; blooms Apr-Oct	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)	70-825m; perennial evergreen shrub; blooms (Feb)Mar-Jun	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.
ash-gray paintbrush <i>Castilleja cinerea</i>	FT	--	1B.2	Meadows and seeps, Mojavean desert scrub, Pebble (Pavement) plain, Pinyon and juniper woodland, Upper montane coniferous forest.	1800-2960m; perennial herb (hemiparasitic); blooms Jun-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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
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	1300-2390m; annual herb (hemiparasitic) ; blooms May-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.
Heckard's paintbrush <i>Castilleja montigena</i>	--	--	4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest.	1950-2800m; perennial herb (hemiparasitic) ; blooms May-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.
Payson's jewelflower <i>Caulanthus simulans</i>	--	--	4.2	Chaparral, Coastal scrub. Granitic, Sandy	90-2200m; annual herb; blooms (Feb)Mar-May(Jun)	Habitats present at the project site would not support this species. Granitic or sandy soil types that could support this species are not present at the project site.	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	0-640m; annual herb; blooms Apr-Sep	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.	0-30m; annual herb (hemiparasitic) ; blooms May-Oct(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.
Peninsular spineflower <i>Chorizanthe leptotheca</i>	--	--	4.2	Chaparral, Coastal scrub, Lower montane coniferous forest. Granitic	300-1900m; annual herb; blooms 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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
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)	275-1220m; annual herb; blooms Apr-Jun	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)	300-1200m; annual herb; blooms Apr-Jun	Habitats present at the project site would not support this species. The Project site does not have sufficiently sandy/gravelly 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.
small-flowered morning-glory <i>Convolvulus simulans</i>	--	--	4.2	Chaparral, Coastal scrub, Valley and foothill grassland. Clay, Seeps, Serpentine	30-740m; annual herb; blooms Mar-Jul	Habitats present at the project site would not support this species. Clay or serpentine soils that could support this species are not present at the project site.	None.
Peruvian dodder <i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	--	--	2B.2	Marshes and swamps.	15-280m; annual vine (parasitic); blooms Jul-Oct	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)	25-940m; annual herb; blooms (Mar)Apr-Nov	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Cleveland's bush monkeyflower <i>Diplacus clevelandii</i>	--	--	4.2	Chaparral, Cismontane woodland, Lower montane coniferous forest. Disturbed areas (often), Gabbroic, Openings, Rocky	450-2000m; perennial rhizomatous herb; blooms Apr-Jul	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	200-760m; annual herb; blooms Apr-Jun	Habitats present at the project site would not support this species. The Project site does not have sufficiently 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.
Santa Ana River woollystar <i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	FE	SE	1B.1	Chaparral, Coastal scrub. Gravelly (sometimes), Sandy (sometimes)	91-610m; perennial herb; blooms Apr-Sep	Habitats present at the project site would not support this species. The Project site does not have sufficiently 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 Sierra woolly sunflower <i>Eriophyllum lanatum</i> var. <i>obovatum</i>	--	--	4.3	Lower montane coniferous forest, Upper montane coniferous forest. Loam, Sandy	1114-2500m; perennial herb; blooms Jun-Jul	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 Mountains monkeyflower <i>Erythranthe exigua</i>	--	--	1B.2	Meadows and seeps, Pebble (Pavement) plain, Upper montane coniferous forest. Clay, Mesic	1800-2315m; annual herb; blooms May-Jul	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.
pine green-gentian <i>Frasera neglecta</i>	--	--	4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest.	1400-2500m; perennial herb; blooms May-Jul	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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Alvin Meadow bedstraw <i>Galium californicum</i> ssp. <i>primum</i>	--	--	1B.2	Chaparral, Lower montane coniferous forest. Granitic, Sandy	1350-1700m; perennial herb; blooms May-Jul	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.	1220-2300m; perennial herb; blooms Jun-Jul	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.	10-1525m; perennial rhizomatous herb; blooms Aug-Oct	The Project site is not sufficiently mesic enough to support this species. Further soils and the natural vegetation community at the project site have been significantly disturbed. This species is not expected to occur at the Project site	None.
urn-flowered alumroot <i>Heuchera caespitosa</i>	--	--	4.3	Cismontane woodland, Lower montane coniferous forest, Riparian forest, Upper montane coniferous forest. Rocky	1155-2650m; perennial rhizomatous herb; blooms May-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.
Parish's alumroot <i>Heuchera parishii</i>	--	--	1B.3	Alpine boulder and rock field, Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest. Carbonate (sometimes), Rocky	1500-3800m; perennial rhizomatous herb; blooms Jun-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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Mesa horkelia <i>Horkelia cuneata</i> var. <i>puberula</i>	--	--	1B.1	Chaparral, Cismontane woodland, Coastal scrub. Gravelly (sometimes), Sandy (sometimes)	70-810m; perennial herb; blooms Feb-Jul(Sep)	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.
Parry's sunflower <i>Hulsea vestita</i> ssp. <i>parryi</i>	--	--	4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest. Carbonate (sometimes), Granitic (sometimes), Openings, Rocky	1370-2895m; perennial herb; blooms Apr-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.
Silver-haired ivesia <i>Ivesia argyrocoma</i> var. <i>argyrocoma</i>	--	--	1B.2	Meadows and seeps, Pebble (Pavement) plain, Upper montane coniferous forest.	1463-2960m; perennial herb; blooms Jun-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.
Southern California black walnut <i>Juglans californica</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland.	50-900m; perennial deciduous tree; blooms Mar-Aug	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.
Coulter's goldfields <i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	--	--	1B.1	Marshes and swamps, Playas, Vernal pools.	1-1220m; annual herb; blooms Feb-Jun	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, playas, or vernal pools are located at the project site.	None.
Robinson's pepper-grass <i>Lepidium virginicum</i> var. <i>robinsonii</i>	--	--	4.3	Chaparral, Coastal scrub.	1-885m; annual herb; blooms Jan-Jul	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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Parish's desert-thorn <i>Lycium parishii</i>	--	--	2B.3	Coastal scrub, Sonoran desert scrub.	135-1000m; perennial shrub; blooms Mar-Apr	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.	305-455m; perennial deciduous shrub; blooms Jun-Jul	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.
Hall's monardella <i>Monardella macrantha</i> ssp. <i>hallii</i>	--	--	1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland.	730-2195m; perennial rhizomatous herb; blooms Jun-Oct	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.	300-400m; annual herb; blooms May-Jun	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.
mud nama <i>Nama stenocarpa</i>	--	--	2B.2	Marshes and swamps.	5-500m; annual/perennial herb; blooms Jan-Jul	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.
Gambel's water cress <i>Nasturtium gambelii</i>	FE	ST	1B.1	Marshes and swamps.	5-330m; perennial rhizomatous herb; blooms Apr-Oct	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.
San Bernardino ragwort <i>Packera bernardina</i>	--	--	1B.2	Meadows and seeps, Pebble (Pavement) plain, Upper montane coniferous forest.	1800-2300m; perennial herb; blooms May-Jul	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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
<i>Parish's yampah</i> <i>Perideridia parishii</i> ssp. <i>parishii</i>	--	--	2B.2	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest.	1465-3000m; perennial herb; blooms Jun-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.
Mojave phacelia <i>Phacelia mohavensis</i>	--	--	4.3	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland.	1400-2500m; annual herb; blooms Apr-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.
Brand's star phacelia <i>Phacelia stellaris</i>	--	--	1B.1	Coastal dunes, Coastal scrub.	1-400m; annual herb; blooms Mar-Jun	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.
Deep Canyon snapdragon <i>Pseudorontium cyathiferum</i>	--	--	2B.3	Sonoran desert scrub.	0-800m; annual herb; blooms Feb-Apr	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.
Engelmann oak <i>Quercus engelmannii</i>	--	--	4.2	Chaparral, Cismontane woodland, Riparian woodland, Valley and foothill grassland.	50-1300m; perennial deciduous tree; blooms Mar-Jun	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.	65-300m; perennial deciduous shrub; blooms Feb-Apr	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.	20-1200m; perennial rhizomatous herb; blooms Mar-Jul(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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Parish's rupertia <i>Rupertia rigida</i>	--	--	4.3	Chaparral, Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pebble (Pavement) plain, Valley and foothill grassland.	700-2500m; perennial herb; blooms Jun-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.
Chaparral ragwort <i>Senecio aphanactis</i>	--	--	2B.2	Chaparral, Cismontane woodland, Coastal scrub.	15-800m; annual herb; blooms Jan-Apr(May)	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 Gabriel ragwort <i>Senecio astephanus</i>	--	--	4.3	Chaparral, Coastal bluff scrub.	400-1500m; perennial herb; blooms May-Jul	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 checkerbloom <i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	--	SR	1B.2	Chaparral, Cismontane woodland, Lower montane coniferous forest.	1000-2499m; perennial herb; blooms (May)Jun-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.
Bear Valley checkerbloom <i>Sidalcea malviflora</i> ssp. <i>dolosa</i>	--	--	1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian woodland, Upper montane coniferous forest.	1495-2685m; perennial herb; blooms May-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.
Salt Spring checkerbloom <i>Sidalcea neomexicana</i>	--	--	2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas.	15-1530m; perennial herb; blooms Mar-Jun	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.
Bird-foot checkerbloom <i>Sidalcea pedata</i>	FE	SE	1B.1	Meadows and seeps, Pebble (Pavement) plain.	1600-2500m; perennial herb; blooms May-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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
chickweed oxytheca <i>Sidotheca caryophylloides</i>	--	--	4.3	Lower montane coniferous forest.	1114-2600m; annual herb; blooms Jul-Sep(Oct)	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.
Laguna Mountains jewelflower <i>Streptanthus bernardinus</i>	--	--	4.3	Chaparral, Lower montane coniferous forest.	670-2500m; perennial herb; blooms May-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.
Southern jewelflower <i>Streptanthus campestris</i>	--	--	1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland.	900-2300m; perennial herb; blooms (Apr)May-Jul	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>Symphyotrichum defoliatum</i>	--	--	1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Valley and foothill grassland.	2-2040m; perennial rhizomatous herb; blooms Jul-Nov	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.
Wright's trichocoronis <i>Trichocoronis wrightii</i> var. <i>wrightii</i>	--	--	2B.1	Marshes and swamps, Meadows and seeps, Riparian forest, Vernal pools.	5-435m; annual herb; blooms May-Sep	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
MONOCOTS							
Mt. Pinos onion <i>Allium howellii</i> var. <i>clokeyi</i>	--	--	1B.3	Great Basin scrub, Meadows and seeps, Pinyon and juniper woodland.	1300-1850m; perennial bulbiferous herb; blooms Apr-Jun	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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Yucaipa onion <i>Allium marvinii</i>	--	--	1B.2	Chaparral.	760-1065m; perennial bulbiferous herb; blooms Apr-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.
three-awned grama <i>Bouteloua trifida</i>	--	--	2B.3	Mojavean desert scrub.	700-2000m; perennial herb; blooms (Apr)May-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.
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)	25-1120m; perennial bulbiferous herb; blooms Mar-Jun	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. There are no vernal pools within the project site.	None.
Catalina mariposa lily <i>Calochortus catalinae</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland.	15-700m; perennial bulbiferous herb; blooms (Feb)Mar-Jun	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.
Palmer's mariposa-lily <i>Calochortus palmeri</i> var. <i>palmeri</i>	--	--	1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps. Mesic	710-2390m; perennial bulbiferous herb; blooms Apr-Jul	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	100-1700m; perennial bulbiferous herb; blooms May-Jul	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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	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)	325-1150m; perennial bulbiferous herb; blooms Apr-Jun	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. No serpentine soils are present at the project site.	None.
Bristly sedge <i>Carex comosa</i>	--	--	2B.1	Coastal prairie, Marshes and swamps, Valley and foothill grassland.	0-625m; perennial rhizomatous herb; blooms May-Sep	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.
hot springs fimbristylis <i>Fimbristylis thermalis</i>	--	--	2B.2	Meadows and seeps.	110-1340m; perennial rhizomatous herb; blooms Jul-Sep	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.
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)	1735-3300m; perennial bulbiferous herb; blooms May-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.
vernal barley <i>Hordeum intercedens</i>	--	--	3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland, Vernal pools.	5-1000m; annual herb; blooms Mar-Jun	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 located on the project site.	None.
California satintail <i>Imperata brevifolia</i>	--	--	2B.1	Chaparral, Coastal scrub, Meadows and seeps, Mojavean desert scrub, Riparian scrub. Mesic	0-1215m; perennial rhizomatous herb; blooms Sep-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.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Duran's rush <i>Juncus duranii</i>	--	--	4.3	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest. Mesic	1768-2804m; perennial rhizomatous herb; blooms Jul-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.
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	30-1800m; perennial bulbiferous herb; blooms Mar-Jul(Aug)	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.
lemon lily <i>Lilium parryi</i>	--	--	1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest. Mesic	1220-2745m; perennial bulbiferous herb; blooms Jul-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.
California muhly <i>Muhlenbergia californica</i>	--	--	4.3	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadows and seeps. Mesic, Seeps, Streambanks	100-2000m; perennial rhizomatous herb; blooms Jun-Sep	Habitats present at the project site would not support this species. The project site is not sufficiently mesic enough to support this species.	None.
crowned muilla <i>Muilla coronata</i>	--	--	4.2	Chenopod scrub, Joshua tree "woodland", Mojavean desert scrub, Pinyon and juniper woodland.	670-1960m; perennial bulbiferous herb; blooms Mar-Apr(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.
narrow-petaled rein orchid <i>Piperia leptopetala</i>	--	--	4.3	Cismontane woodland, Lower montane coniferous forest, Upper montane coniferous forest.	380-2225m; perennial herb; blooms May-Jul	Habitats present at the project site would not support this species. The project site is just outside of the known elevation range of this species. Cismontane woodland, lower montane coniferous forest, or upper montane coniferous forest that could support this species are not present at the project site.	None.

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
black bog-rush <i>Schoenus nigricans</i>	--	--	2B.2	Marshes and swamps.	150-2000m; perennial herb; blooms Aug-Sep	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.
Prairie wedge grass <i>Sphenopholis obtusata</i>	--	--	2B.2	Cismontane woodland, Meadows and seeps.	300-2000m; perennial herb; blooms Apr-Jul	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.
Joshua tree <i>Yucca brevifolia</i>	--	SC	CBR	Joshua tree woodland, Mojavean desert scrub,	610-1829m; tree; Feb-Jun	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.
FERNS							
western spleenwort <i>Asplenium vespertinum</i>	--	--	4.2	Chaparral, Cismontane woodland, Coastal scrub. Rocky.	180-1000m; perennial rhizomatous herb; blooms Feb-Jun	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. The soils present at the site are disturbed and consist of an aggregate of multiple types of fill and not rocky.	None.
Sonoran maiden fern <i>Thelypteris puberula</i> var. <i>sonorensis</i>	--	--	2B.2	Meadows and seeps	50-610m; perennial rhizomatous herb; blooms Jan-Sep	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.
PLANT COMMUNITIES							

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

Species	Status			Habitat Requirements	Elevation Range; Life Form; Blooming Period	Discussion ¹	Recommendations
	Federal	State	CNPS CRPR				
Canyon Live Oak Ravine Forest						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Riversidean Alluvial Fan Sage Scrub						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Coast Live Oak Riparian Forest						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Cottonwood Willow Riparian Forest						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Mixed Riparian Forest						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Riparian Forest						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Riparian Scrub						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Sycamore Alder Riparian Woodland						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.
Southern Willow Scrub						This vegetation type was not observed during the 2022 survey and is not expected to occur.	None.

STATUS KEY:

Federal

FE: Federally-listed Endangered

FT: Federally-listed Threatened

State

Appendix B: Special Status Plant Species with Potential to Occur on the Project site.

SE: California-listed Endangered

ST: California-listed Threatened

SR: California-listed Rare

SC: California Candidate for Listing

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:

CBR: Considered But Rejected

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)