Table 5.3-1. Rare, Threatened, Endangered, and Sensitive Plant Species That May Occur in the Project Vicinity

Scientific Name	Common Name	Habitat Preference	Flowering Period	Listing Status				
				Federal	State	CNPS	R-E-D Code	Habitat Present
Amsinckia grandiflora	Large-flowered fiddleneck	Cismontane woodlands and valley and foothill grasslands	Mar - May	E	E	1B	3-3-3	Yes
Astragalus tener var. ferrisae	Ferris's milk-vetch	Alkaline soil on alkaline substrate under vernally-moist conditions in meadow habitats	April - May	SC	--	1B	3-3-3	No
Astragalus tener var. tener	Alkali milk-vetch	Alkaline soil under moist conditions in coastal habitats and valley and foothill grasslands	Mar - June	--	--	1B	3-2-3	No
Atriplex cordulata	Heartscale	Chenopod Scrub, valley foothill grasslands, in sandy alkaline saline soil on alkaline substrate	May - Oct	SC	--	1B	2-2-3	No
Atriplex joaquiniana	San Joaquin saltbush / Valley spearscale	Alkaline grasslands, chenopod scrub, man-made berms and along ditches	April - Sept	SC	--	1B	2-2-3	No
Blepharizonia plumosa plumosa	Big tarplant	Valley and foothill grasslands, clay to clay-loam soils, slopes and burned areas	Jul - Oct	--	--	1B	3-3-3	Yes
Deinandra bacigalupii	Livermore tarplant	Valley and foothill grasslands	Jul – Oct	SC	--	1B	3-2-3	Yes
Delphinium recurvatum	Recurved larkspur	Alkaline soils in annual grassland, saltbush scrub, cismontane woodland, and vernal pools	Mar - May	--	--	1B	2-2-3	No
Eriogonum truncatum	Mt. Diablo buckwheat	Chaparral, coastal scrub, and sandy foothill grassland	April - Sept	--	--	1A	--	No
Eschscholzia rhombipetala	Diamond-petaled California poppy	Fallow fields; known at Lawrence Livermore National Laboratory	Mar - April	--	--	1B	3-3-3	No
Hibiscus lasiocarpus	Rose-mallow	Freshwater marshes, moist, humous-rich soil, borders of ponds, marshes, lakes, and low wet woods	Aug - Sept	--	--	2	2-2-1	Yes
Lilaeopsis masonii	Mason's Lilaeopsis	Brackish or freshwater marshes and swamps, wetland riparian scrubs	April - Oct	SC	--	1B	2-3-3	Yes
Madia radiata	Showy Madia	Cismontane woodlands and valley and foothill grasslands	Mar - May	--	--	1B	2-3-3	No

Table 5.3-1. Rare, Threatened, Endangered, and Sensitive Plant Species That May Occur in the Project Vicinity (Continued)

Scientific Name	Common Name	Habitat Preference	Flowering Period	Listing Status				
				Federal	State	CNPS	R-E-D Code	Habitat Present
Myosurus minimus apus	Little mousetail	Vernal pools and alkali meadows	Mar - June	--	--	3	2-3-2	No
Tropidocarpum capparideum	Caper-fruited Tropidocarpum	Valley and foothill grasslands, alkaline soils, low hills and valleys	Mar - April	--	--	1A	--	Yes

Notes:

Listing Status

Federal

E - Endangered

SC - Species of Concern

State

E - Endangered

California Native Plant Society (CNPS) Status

1A - Plants presumed extinct in California

1B - Plants rare, threatened, or endangered in California

2 - Plants rare, threatened, or endangered in California but common elsewhere

3 - Plants about which more information is needed

R-E-D Code (CNPS)

R (Rarity)

2 - Occurrence confined to several populations or to one extended population

3 - Occurrence limited to one or a few highly restricted populations, or present in such small numbers that it is seldom reported

E (Endangered)

2 - Endangered in a portion of its range

3 - Endangerment throughout its range

D (Distribution)

1 - More or less widespread outside California

2 - Rare outside California

3 - Endemic to California