

Appendix B

Special-Status Plants Species with Potential to Occur

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Common Name Scientific name	Special Status* (F/S/CNPS)	Distribution	Habitat Association	Blooming Period	Potential Impact
Ahart's dwarf rush <i>Juncus leiospermus</i> var. <i>ahartii</i>	-/- 1B	Butte, Calaveras, Placer, Sacramento, Tehama, and Yuba Counties.	Valley and foothill grassland (mesic).	March-May	Not likely to occur in crop fields, no suitable habitat present.
Alkali milk-vetch <i>Astragalus tener</i> var. <i>tener</i>	-/- 1B	Central western California including Yolo County.	Subalkaline flats and areas around vernal pools.	March-June	Not likely to occur in crop fields, no suitable habitat present (i.e. subalkali flats).
Antioch Dunes evening-primrose <i>Oenothera deltoides</i> ssp. <i>howellii</i>	E/E/ 1B	Found only in Contra Costa and Sacramento Counties.	Occurs in inland dunes.	March-September	Not likely to occur in crop fields, no suitable habitat present.
Brittlescale <i>Atriplex depressa</i>	-/-1B	Western Central Valley and valleys of adjacent foothills.	Alkali grassland, alkali meadow, alkali scrub, and vernal pools.	April-October	There is a CNDDDB occurrence within Glenn, Colusa, and Yolo counties, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. alkali and vernal pools).
Boggs Lake hedge-hyssop <i>Gratiola hetersepela</i>	-/-1B	Dispersed throughout the Sacramento and Central Valley. Also in Oregon.	Marsh's, swamps, and vernal pools (clay).	April-August	There is a CNDDDB occurrence within Sacramento County. Suitable habitat is present but has low potential to occur. No effects anticipated from small changes in river flow.
Contra Costa goldfields <i>Lasthenia conjugens</i>	E/SSC/1B	San Francisco Bay Delta Regions, and scattered coastal areas.	Cismontane woodlands, playas, valley and foothill grasslands, and vernal pools.	March-June	No CNDDDB occurrences; not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools, playas).

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Colusa grass <i>Neostapfia colusana</i>	T/E/1B	Southern Sacramento Valley, and northern San Joaquin Valley.	Vernal pools.	May-July	There is a CNDDDB occurrence within Glenn and Colusa counties, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).
Crampton's tuctoria (Solano grass) <i>Tuctoria mucronata</i>	E/E/1B	Located only in Yolo and Solano Counties.	Valley and foothill grassland (mesic), and vernal pools.	April-August	Not likely to occur in crop fields, no suitable habitat present.
Ferris' milk-vetch <i>Astragalus tener</i> var. <i>ferrisae</i>	-/-/1B	Sacramento Valley.	Subalkaline flats and areas around vernal pools.	March-June	Not likely to occur in crop fields, no suitable habitat present.
Fox sedge <i>Carex vulpinoidea</i>	-/-/2	Northern Sacramento Valley, including Butte County, isolated populations in San Joaquin County.	Riparian woodland, marshes and swamps.	May-June	Suitable habitat present in project area. Low potential to occur. Not likely to establish in crop fields and no effects anticipated from small changes in river flows.
Greene's tuctoria <i>Tuctoria greenii</i>	E/SSC/1B	Butte, Colusa, Fresno, Glenn, Madera, Merced, Modoc, Shasta, San Joaquin, Stanislaus, Tehama, and Tulare Counties.	Vernal pools.	May-July	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).
Hairy Orcutt grass <i>Orcuttia pilosa</i>	E/E/1B	Northern Sacramento Valley, Pit River Valley; isolated populations in Lake and Sacramento counties.	Vernal pools.	May-September	There is a CNDDDB occurrence within Butte and Glenn counties, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).

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Heartscale <i>Atriplex cordulata</i>	-/-1B	Western Central Valley and valleys of adjacent foothills.	Alkali grasslands, alkali meadows, and alkali scrub.	May-October	There is a CNDDDB occurrence within Butte, Colusa, Yolo, and Glenn counties, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. alkali areas).
Heckard's pepper-grass <i>Lepidium latipes</i> var. <i>heckardii</i>	-/-1B	Glenn, Solano, and Yolo Counties.	Valley and foothill grassland alkaline flats.	March-May	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. alkali flats).
Hoover's spurge <i>Chamaesyce hooveri</i>	T/- 1B	Scattered in Glenn, Butte, Colusa, Merced, Stanislaus, Tehama, and Tulare Counties.	Vernal pools.	July-September	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).
Indian valley brodiaea <i>Brodiaea coronaria</i> ssp. <i>rosea</i>	-/E1B	Scattered in Glenn, Lake, Colusa, and Tehama Counties.	Closed cone coniferous forest, chaparral, valley and foothill grasslands (serpentinite).	May-June	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat.
Jepson's milk-vetch <i>Astragalus rattanii</i> var. <i>jepsonianus</i>	-/-1B	Colusa, Glenn, Lake, Napa, Tehama, and Yolo counties.	Chaparral, cismontane woodland, valley and foothill grassland, often serpentinite.	April-June	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat.
Keck's checkerbloom <i>Sidalcea keckii</i>	E/-1B	Colusa, Fresno, Merced, Napa, Solano, Tulare, and Yolo counties.	Cismontane woodlands, foothill and valley grasslands (serpentinite).	April-May	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat.

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Legenere <i>Legenere limosa</i>	SC/-/1B	Sacramento Valley and south of the North Coast Ranges.	Vernal pools.	May-June	Not likely to occur in crop fields, no suitable habitat present (i.e. vernal pools)
Lone buckwheat <i>Eriogonum apricum</i> var. <i>apricum</i>	E/E/1B	Found in Amador and Sacramento Counties.	Chaparral.	July-October	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (chaparral).
Marsh checkerbloom <i>Sidalcea oregana</i> ssp. <i>hydrophila</i>	-/-/1B	Glenn, Lake, Mendocino, and Napa Counties.	Meadows and seeps, and riparian forest.	June-August	Suitable habitat present in project area. Low potential to occur. Not likely to establish in crop fields and no effects anticipated from small changes in river flow.
Milo Baker's lupine <i>Lupinus milo-bakeri</i>	-/T/1B	Glenn and Mendocino Counties.	Cismontane woodlands, foothill and valley grasslands.	June-September	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat.
Palmate-bracted bird's-beak <i>Cordylanthus palmatus</i>	E/E/1B	Found in Glenn and Colusa Counties and within the Central Valley.	Alkali meadow, alkali scrub, valley and grasslands.	May-October	Not likely to occur in crop fields, no suitable habitat present (i.e. alkali).
Pincushion navarretia <i>Navarretia myersii</i> ssp. <i>myersii</i>	-/-/1B	Alamador, Calaveras, Merced, Placer, and Sacramento Counties.	Vernal pools (often acidic).	May	No CNDDDB occurrences; not likely to occur due to lack of suitable habitat (i.e. vernal pools).
Recurved larkspur <i>Delphinium recurvatum</i>	-/-/1B	Disbursed throughout the Sacramento and Central Valley.	Chenopod scrub, cismontane, valley and foothill grasslands (alkali).	March-June	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. alkali).

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Red mountain catchfly <i>Silene campanulata</i> ssp. <i>campanulata</i>	-E/1B	Found in Colusa, Glenn, Mendocino, Shasta, Tehama, and Trinity Counties.	Chaparral and lower montane coniferous forest, usually sepeptinite and rocky.	April-July	There is a CNDDDB occurrence in Colusa County, however this species is not likely to occur in crop fields due to lack of suitable habitat.
Rose-mallow <i>Hibiscus laiocarpus</i>	-/-/2	Northern Sacramento County.	Marshes and swamps.	June-September	Suitable habitat present in project area. Low potential to occur. Not likely to establish in crop fields and no effects anticipated from small changes in river flow.
Sacramento orcutt grass <i>Orcuttia viscida</i>	E/E/1B	Valley grasslands and freshwater wetlands.	Vernal pools.	May-June	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).
San Joaquin spearscale <i>Atriplex joaquiniana</i>	-/-/1B	Western Central Valley and valleys of adjacent foothills.	Alkali grasslands, and alkali scrub.	April-September	Not likely to occur in crop fields, no suitable habitat present (i.e. alkali).
Sanford's arrowhead <i>Sagittaria sanfordii</i>	-/-/1B	Central Valley.	Freshwater marshes, shallow streams, and ditches.	May-August	Suitable habitat on present in ditches; not yet detected. Not likely to establish in crop fields and no effects anticipated from small changes in river flow.
Slender Orcutt grass <i>Orcuttia tenuis</i>	T/E/1B	Northern Sacramento Valley, Pit River Valley; isolated populations in Lake and Sacramento Counties	Vernal pools.	May-July	There is a CNDDDB occurrence, however this species is not likely to occur in crop fields due to lack of suitable habitat (i.e. vernal pools).

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Soft bird's beak <i>Cordylanthus mollis</i> ssp. <i>mollis</i>	E/SSC/1B	Located in Contra Costa, Marin, Napa, Sacramento, Solano, and Sonoma Counties.	Coastal salt marshes and swamps.	July-November	There is a CNDDDB occurrence in Sacramento County, however this species is not likely to occur in crop fields due to lack of suitable habitat.

***Status explanations:**

F=Federal

- E=Endangered
- T=Threatened
- SC= Special Concern

S=State

- E=Endangered
- T=Threatened
- SSC=Species of Special Concern

CNPS=California Native Plant Society

- 1B=Rare, threatened, or endangered in California and elsewhere
- 2=Plants Rare, Threatened, or Endangered in California, But More Common Elsewhere
- 3=Plants about which we need more information - A review list