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## **Appendix B-4**

### Special-Status Plant Species Potential to Occur



Scientific Name	Common Name	Status* (Federal/State/ CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur
<i>Abronia villosa</i> var. <i>aurita</i>	chaparral sand-verbena	None/None/1B.1	Chaparral, Coastal scrub, Desert dunes; sandy/annual herb/(Jan)Mar-Sep/246-5,245	Not expected to occur. No suitable vegetation present.
<i>Acanthoscyphus parishii</i> var. <i>parishii</i>	Parish's oxytheca	None/None/4.2	Chaparral, Lower montane coniferous forest; sandy or gravelly/annual herb/June-Sep/4,000-8,530	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Allium howellii</i> var. <i>clokeyi</i>	Mt. Pinos onion	None/None/1B.3	Great Basin scrub, Meadows and seeps (edges), Pinyon and juniper woodland/perennial bulbiferous herb/Apr-June/4,265-6,065	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Ambrosia monogyra</i>	singlewhorl burrobrush	None/None/2B.2	Chaparral, Sonoran desert scrub; sandy/perennial shrub/Aug-Nov/33-1,640	Not expected to occur. No suitable vegetation present.
<i>Ambrosia pumila</i>	San Diego ambrosia	FE/None/1B.1	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; sandy loam or clay, often in disturbed areas, sometimes alkaline/perennial rhizomatous herb/Apr-Oct/66-1,360	Not expected to occur. No suitable vegetation present.
<i>Arenaria paludicola</i>	marsh sandwort	FE/SE/1B.1	Marshes and swamps (freshwater or brackish); sandy, openings/perennial stoloniferous herb/May-Aug/10-560	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. Historical CNDDDB occurrence records within 1 mile of the site from 1899.
<i>Artemisia palmeri</i>	San Diego sagewort	None/None/4.2	Chaparral, Coastal scrub, Riparian forest, Riparian scrub, Riparian woodland; sandy, mesic/perennial deciduous shrub/(Feb)May-Sep/49-3,000	Not expected to occur. No suitable vegetation present.
<i>Asplenium vespertinum</i>	western spleenwort	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub; rocky/perennial rhizomatous herb/Feb-June/591-3,280	Not expected to occur. No suitable vegetation present.
<i>Astragalus hornii</i> var. <i>hornii</i>	Horn's milk-vetch	None/None/1B.1	Meadows and seeps, Playas; lake margins, alkaline/annual herb/May-Oct/197-2,785	Not expected to occur. No suitable vegetation present. Historical CNDDDB records from 1900 are

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				approximately 5 miles NE of the site.
<i>Berberis nevinii</i>	Nevin's barberry	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; sandy or gravelly/perennial evergreen shrub/(Feb)Mar-June/230-2,705	Not expected to occur. No suitable vegetation present.
<i>Bouteloua trifida</i>	three-awned grama	None/None/2B.3	Mojavean desert scrub (carbonate, rocky)/perennial herb/(Apr)May-Sep/2,295-6,560	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Brodiaea filifolia</i>	thread-leaved brodiaea	FT/SE/1B.1	Chaparral (openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; often clay/perennial bulbiferous herb/Mar-June/82-3,670	Not expected to occur. No suitable vegetation present.
<i>Calochortus catalinae</i>	Catalina mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial bulbiferous herb/(Feb)Mar-June/49-2,295	Not expected to occur. No suitable vegetation present.
<i>Calochortus palmeri</i> var. <i>palmeri</i>	Palmer's mariposa lily	None/None/1B.2	Chaparral, Lower montane coniferous forest, Meadows and seeps; mesic/perennial bulbiferous herb/Apr-July/2,325-7,840	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Calochortus plummerae</i>	Plummer's mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; granitic, rocky/perennial bulbiferous herb/May-July/328-5,575	Not expected to occur. No suitable vegetation present.
<i>Calochortus simulans</i>	La Panza mariposa lily	None/None/1B.3	Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland; sandy, often granitic, sometimes serpentinite/perennial bulbiferous herb/Apr-June/1,065-3,770	Not expected to occur. No suitable vegetation present.
<i>Carex comosa</i>	bristly sedge	None/None/2B.1	Coastal prairie, Marshes and swamps (lake margins), Valley and foothill	Not expected to occur. No suitable vegetation present. Historical

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			grassland/perennial rhizomatous herb/ May-Sep/0-2,050	CNDDDB occurrence records from 1884 approx. 4 miles E of the site.
<i>Castilleja lasiorhyncha</i>	San Bernardino Mountains owl's-clover	None/None/1B.2	Chaparral, Meadows and seeps, Pebble (Pavement) plain, Riparian woodland, Upper montane coniferous forest; mesic/annual herb (hemiparasitic)/May-Aug/4,265-7,840	Not expected to occur. The site is outside of the species' known elevation range.
<i>Caulanthus simulans</i>	Payson's jewelflower	None/None/4.2	Chaparral, Coastal scrub; sandy, granitic/annual herb/(Feb)Mar-May(June)/295-7,215	Not expected to occur. No suitable vegetation present.
<i>Centromadia pungens ssp. laevis</i>	smooth tarplant	None/None/1B.1	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; alkaline/annual herb/Apr-Sep/0-2,095	Not expected to occur. No suitable vegetation present. CNDDDB occurrence records from 1993 are approx. 4 miles N of the site.
<i>Chloropyron maritimum ssp. maritimum</i>	salt marsh bird's-beak	FE/SE/1B.2	Coastal dunes, Marshes and swamps (coastal salt)/annual herb (hemiparasitic)/May-Oct(Nov)/0-100	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. Historical CNDDDB records within 1 mile of the site from 1899.
<i>Chorizanthe leptotheca</i>	Peninsular spineflower	None/None/4.2	Chaparral, Coastal scrub, Lower montane coniferous forest; alluvial fan, granitic/annual herb/May-Aug/984-6,230	Not expected to occur. No suitable vegetation present.
<i>Chorizanthe parryi var. parryi</i>	Parry's spineflower	None/None/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland; sandy or rocky, openings/annual herb/Apr-June/902-4,000	Not expected to occur. No suitable vegetation present. Historical CNDDDB occurrence records from 1903 are approx. 5 miles SW of the site.
<i>Chorizanthe xanti var. leucotheca</i>	white-bracted spineflower	None/None/1B.2	Coastal scrub (alluvial fans), Mojavean desert scrub, Pinyon and juniper woodland; sandy or gravelly/annual herb/Apr-June/984-3,935	Not expected to occur. No suitable vegetation present.
<i>Convolvulus simulans</i>	small-flowered morning-glory	None/None/4.2	Chaparral (openings), Coastal scrub, Valley and foothill grassland; clay, serpentinite seeps/annual herb/Mar-July/98-2,425	Not expected to occur. No suitable vegetation present.

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<i>Cryptantha incana</i>	Tulare cryptantha	None/None/1B.3	Lower montane coniferous forest (gravelly or rocky)/annual herb/June–Aug/4,690–7,050	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Peruvian dodder	None/None/2B.2	Marshes and swamps (freshwater)/annual vine (parasitic)/July–Oct/49–920	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. Historical CNDDDB occurrence records from 1890 are approx. 5 miles e of the site.
<i>Deinandra paniculata</i>	paniculate tarplant	None/None/4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; usually vernal mesic, sometimes sandy/annual herb/(Mar)Apr–Nov(Dec)/82–3,080	Not expected to occur. No suitable vegetation present.
<i>Dodecahema leptoceras</i>	slender-horned spineflower	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub (alluvial fan); sandy/annual herb/Apr–June/656–2,490	Not expected to occur. No suitable vegetation present.
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	Santa Ana River woollystar	FE/SE/1B.1	Chaparral, Coastal scrub (alluvial fan); sandy or gravelly/perennial herb/Apr–Sep/299–2,000	Not expected to occur. No suitable vegetation present. CNDDDB occurrence records from 1987 approx. 4 miles NE of the site.
<i>Eriophyllum lanatum</i> var. <i>obovatum</i>	southern Sierra woolly sunflower	None/None/4.3	Lower montane coniferous forest, Upper montane coniferous forest; sandy loam/perennial herb/June–July/3,650–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Fimbristylis thermalis</i>	hot springs fimbristylis	None/None/2B.2	Meadows and seeps (alkaline, near hot springs)/perennial rhizomatous herb/July–Sep/361–4,395	Not expected to occur. No suitable vegetation present.
<i>Frasera neglecta</i>	pine green-gentian	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest/perennial herb/May–July/4,590–8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

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<i>Fritillaria pinetorum</i>	pine fritillary	None/None/4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Subalpine coniferous forest, Upper montane coniferous forest; granitic or metamorphic/perennial bulbiferous herb/May-July(Sep)/5,690-10,825	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Galium californicum</i> ssp. <i>primum</i>	Alvin Meadow bedstraw	None/None/1B.2	Chaparral, Lower montane coniferous forest; granitic, sandy/perennial herb/May-July/4,425-5,575	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present. Historical CNDDDB records from 1967 approx. 5 miles SE of the site.
<i>Galium jepsonii</i>	Jepson's bedstraw	None/None/4.3	Lower montane coniferous forest, Upper montane coniferous forest; granitic, rocky or gravelly/perennial rhizomatous herb/July-Aug/5,050-8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Galium johnstonii</i>	Johnston's bedstraw	None/None/4.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland, Riparian woodland/perennial herb/June-July/4,000-7,545	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	None/None/1A	Marshes and swamps (coastal salt and freshwater)/perennial rhizomatous herb/Aug-Oct/33-5,000	Not expected to occur. No suitable vegetation present. Historical CNDDDB occurrences from 1937 approximately 5 miles E of the site
<i>Heuchera caespitosa</i>	urn-flowered alumroot	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Riparian forest (montane), Upper montane coniferous forest; rocky/perennial rhizomatous herb/May-Aug/3,785-8,690	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Heuchera parishii</i>	Parish's alumroot	None/None/1B.3	Alpine boulder and rock field, Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest; rocky, sometimes carbonate/perennial rhizomatous herb/June-Aug/4,920-12,465	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

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<i>Hordeum intercedens</i>	vernal barley	None/None/3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland (saline flats and depressions), Vernal pools/annual herb/Mar-June/16-3,280	Not expected to occur. No suitable vegetation present.
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	None/None/1B.1	Chaparral (maritime), Cismontane woodland, Coastal scrub; sandy or gravelly/perennial herb/Feb-July(Sep)/230-2,655	Not expected to occur. No suitable vegetation present. Historical CNDDDB records within 1 mile of the site (1888-1908).
<i>Hulsea vestita</i> ssp. <i>parryi</i>	Parry's sunflower	None/None/4.3	Lower montane coniferous forest, Pinyon and juniper woodland, Upper montane coniferous forest; granitic or carbonate, rocky, openings/perennial herb/Apr-Aug/4,490-9,495	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Imperata brevifolia</i>	California satintail	None/None/2B.1	Chaparral, Coastal scrub, Mojavean desert scrub, Meadows and seeps (often alkali), Riparian scrub; mesic/perennial rhizomatous herb/Sep-May/0-3,985	Not expected to occur. No suitable vegetation present.
<i>Ivesia argyrocoma</i> var. <i>argyrocoma</i>	silver-haired ivesia	None/None/1B.2	Meadows and seeps (alkaline), Pebble (Pavement) plain, Upper montane coniferous forest/perennial herb/(May)June-Aug/4,795-9,710	Not expected to occur. The site is outside of the species' known elevation range.
<i>Juglans californica</i>	Southern California black walnut	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; alluvial/perennial deciduous tree/Mar-Aug/164-2,950	Not expected to occur. No suitable vegetation present.
<i>Juncus duranii</i>	Duran's rush	None/None/4.3	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest; mesic/perennial rhizomatous herb/July-Aug/5,800-9,195	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	None/None/1B.1	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb-June/3-4,000	Not expected to occur. No suitable vegetation present.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	None/None/4.3	Chaparral, Coastal scrub/annual herb/Jan-July/3-2,900	Not expected to occur. No suitable vegetation present. CNDDDB occurrence records from 1998 approx. 5 miles SW of the site.

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<i>Lilium humboldtii</i> <i>ssp. ocellatum</i>	ocellated Humboldt lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Riparian woodland; openings/perennial bulbiferous herb/Mar-July(Aug)/98-5,905	Not expected to occur. No suitable vegetation present.
<i>Lilium parryi</i>	lemon lily	None/None/1B.2	Lower montane coniferous forest, Meadows and seeps, Riparian forest, Upper montane coniferous forest; mesic/perennial bulbiferous herb/July-Aug/4,000-9,005	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Lycium parishii</i>	Parish's desert-thorn	None/None/2B.3	Coastal scrub, Sonoran desert scrub/perennial shrub/Mar-Apr/443-3,280	Not expected to occur. No suitable vegetation present. Historical CNDDDB occurrence records from 1885 approx. 5 miles N of the site.
<i>Malacothamnus parishii</i>	Parish's bush-mallow	None/None/1A	Chaparral, Coastal scrub/perennial deciduous shrub/June-July/1,000-1,490	Not expected to occur. No suitable vegetation present. Historical CNDDDB records within 1 mile of the site (1895).
<i>Monardella macrantha</i> ssp. <i>hallii</i>	Hall's monardella	None/None/1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley and foothill grassland/perennial rhizomatous herb/June-Oct/2,395-7,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Monardella pringlei</i>	Pringle's monardella	None/None/1A	Coastal scrub (sandy)/annual herb/May-June/984-1,310	Not expected to occur. No suitable vegetation present.
<i>Monardella saxicola</i>	rock monardella	None/None/4.2	Closed-cone coniferous forest, Chaparral, Lower montane coniferous forest; rocky, usually serpentinite/perennial rhizomatous herb/June-Sep/1,640-5,905	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Muhlenbergia californica</i>	California muhly	None/None/4.3	Chaparral, Coastal scrub, Lower montane coniferous forest, Meadows and seeps; mesic, seeps and streambanks/perennial rhizomatous herb/June-Sep/328-6,560	Not expected to occur. No suitable vegetation present.
<i>Nasturtium gambelii</i>	Gambel's water cress	FE/ST/1B.1	Marshes and swamps (freshwater or brackish)/perennial rhizomatous herb/Apr-Oct/16-1,080	Not expected to occur. No suitable vegetation present. Historical

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				CNDDDB occurrence records from 1935 are approx. 5 miles E of the site.
<i>Opuntia basilaris</i> var. <i>brachyclada</i>	short-joint beavertail	None/None/1B.2	Chaparral, Joshua tree woodland, Mojavean desert scrub, Pinyon and juniper woodland/ perennial stem succulent/Apr-June(Aug)/ 1,390-5,905	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Perideridia parishii</i> ssp. <i>parishii</i>	Parish's yampah	None/None/2B.2	Lower montane coniferous forest, Meadows and seeps, Upper montane coniferous forest/ perennial herb/June-Aug/4,805-9,840	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Phacelia</i> <i>mohavensis</i>	Mojave phacelia	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pinyon and juniper woodland; sandy or gravelly/annual herb/Apr-Aug/4,590-8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Phacelia stellaris</i>	Brand's star phacelia	None/None/1B.1	Coastal dunes, Coastal scrub/annual herb/ Mar-June/3-1,310	Not expected to occur. No suitable vegetation present.
<i>Piperia leptopetala</i>	narrow-petaled rein orchid	None/None/4.3	Cismontane woodland, Lower montane coniferous forest, Upper montane coniferous forest/perennial herb/May-July/1,245-7,295	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Pseudorontium</i> <i>cyathiferum</i>	Deep Canyon snapdragon	None/None/2B.3	Sonoran desert scrub (rocky)/annual herb/ Feb-Apr/0-2,620	Not expected to occur. No suitable vegetation present.
<i>Quercus durata</i> var. <i>gabrielensis</i>	San Gabriel oak	None/None/4.2	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr-May/1,475-3,280	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Ribes divaricatum</i> var. <i>parishii</i>	Parish's gooseberry	None/None/1A	Riparian woodland/perennial deciduous shrub/ Feb-Apr/213-985	Not expected to occur. No suitable vegetation present.
<i>Romneya coulteri</i>	Coulter's matilija poppy	None/None/4.2	Chaparral, Coastal scrub; Often in burns/ perennial rhizomatous herb/Mar-July(Aug)/ 66-3,935	Not expected to occur. No suitable vegetation present.

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<i>Schoenus nigricans</i>	black bog-rush	None/None/2B.2	Marshes and swamps (often alkaline)/perennial herb/Aug-Sep/492-6,560	Not expected to occur. No suitable vegetation present.
<i>Senecio aphanactis</i>	chaparral ragwort	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub; sometimes alkaline/annual herb/Jan-Apr(May)/49-2,620	Not expected to occur. No suitable vegetation present. CNDDDB occurrence records from 2002 approx. 5 miles SE of the site.
<i>Senecio astephanus</i>	San Gabriel ragwort	None/None/4.3	Coastal bluff scrub, Chaparral; rocky slopes/perennial herb/May-July/1,310-4,920	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sidalcea malviflora</i> ssp. <i>dolosa</i>	Bear Valley checkerbloom	None/None/1B.2	Lower montane coniferous forest (meadows and seeps), Meadows and seeps, Riparian woodland, Upper montane coniferous forest (meadows and seeps)/perennial herb/May-Aug/4,900-8,805	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sidalcea neomexicana</i>	salt spring checkerbloom	None/None/2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; alkaline, mesic/perennial herb/Mar-June/49-5,015	Not expected to occur. No suitable vegetation present. Historical CNDDDB occurrence records from 1906 approx 5 miles NE of the site.
<i>Sidothea caryophylloides</i>	chickweed oxytheca	None/None/4.3	Lower montane coniferous forest (sandy)/annual herb/July-Sep(Oct)/3,650-8,530	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Sphenopholis obtusata</i>	prairie wedge grass	None/None/2B.2	Cismontane woodland, Meadows and seeps; mesic/perennial herb/Apr-July/984-6,560	Not expected to occur. No suitable vegetation present. Historical CNDDDB records from 1917 approx. 5 miles E of the site.
<i>Streptanthus bernardinus</i>	Laguna Mountains jewelflower	None/None/4.3	Chaparral, Lower montane coniferous forest/perennial herb/May-Aug/2,195-8,200	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

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<i>Streptanthus campestris</i>	southern jewelflower	None/None/1B.3	Chaparral, Lower montane coniferous forest, Pinyon and juniper woodland; rocky/perennial herb/(Apr)May–July/2,950–7,545	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
<i>Symphyotrichum defoliatum</i>	San Bernardino aster	None/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Meadows and seeps, Marshes and swamps, Valley and foothill grassland (vernally mesic); near ditches, streams, springs/perennial rhizomatous herb/ July–Nov(Dec)/7–6,690	Not expected to occur. No suitable vegetation present. Historical CNDDDB occurrence records from 1917 approx. 5 miles E of the site.
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern	None/None/2B.2	Meadows and seeps (seeps and streams)/ perennial rhizomatous herb/Jan–Sep/164–2,000	Not expected to occur. No suitable vegetation present.
<i>Yucca brevifolia</i>	western Joshua tree	None/SC/None	Great Basin grassland, Great Basin scrub, Joshua tree woodland, Mojavean desert scrub, Pinyon and juniper woodland, Sonoran desert scrub, Valley and foothill grassland/perennial leaf succulent/Apr–May/1,310–6,560	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

**\*Status Legend:**

FE: Federally listed as endangered

FT: Federally listed as threatened

FC: Federal Candidate for listing

SE: State listed as endangered

ST: State listed as threatened

SC: State Candidate for listing

SR: State Rare

CRPR 1A: Plants presumed extirpated in California and either rare or extinct elsewhere

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

CRPR 2A: Plants presumed extirpated in California but common elsewhere

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

CRPR 3: Review List: Plants about which more information is needed

CRPR 4: Watch List: Plants of limited distribution

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

.2 Moderately threatened in California (20–80% occurrences threatened / moderate degree and immediacy of threat)

.3 Not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

## References

- CDFW (California Department of Fish and Wildlife). 2025. Natural Diversity Database. Biogeographic Information Observation System. Commercial Viewer. Version 6. <https://apps.wildlife.ca.gov/bios6>
- CNPS (California Native Plant Society). 2025. Inventory of Rare and Endangered Plants. Advanced Search. <https://rareplants.cnps.org/>

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