

# Appendix C

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Sensitive Species Inventory Tables

**Table 1**  
**Special-Status Wildlife Species with the Potential to Occur in the Windsor Vicinity and Nine USGS**  
**Quadrangles**

Common Name	Scientific Name	Agency Status (Federal/State/Other)	Habitat
<b>Reptiles</b>			
Western pond turtle	<i>Emys marmorata</i>	--/--/SSC	Streams/ponds/lakes
<b>Amphibians</b>			
California giant salamander	<i>Dicamptodon ensatus</i>	--/--/SSC	Meadow and seep
California red-legged frog	<i>Rana draytonii</i>	FT/--/SSC	Forest, woodland, grassland, along streamside
California tiger salamander	<i>Ambystoma californiense</i>	FT/ST/---	Vernal pools, grasslands
Foothill yellow-legged frog	<i>Rana boylei</i>	--/--/SSC	Streams with rocky substrate
Red-bellied newt	<i>Taricha rivularis</i>	--/--/SSC	Upland forest, riparian forest, north coast coniferous forest
<b>Invertebrates</b>			
California freshwater shrimp	<i>Syncaris pacifica</i>	FE/SE/--	Freshwater streams and undercut banks
<b>Fish</b>			
Coho salmon-central California Coast	<i>Oncorhynchus kisutch</i>	FE/SE/--	Spawns in freshwater
Hardhead	<i>Mylopharodon conocephalus</i>	--/--/SSC	Sacramento/San Joaquin flowing waters and Klamath/North coast flowing waters
Navarro roach	<i>Lavinia symmetricus navroensis</i>	--/--/SSC	Sacramento/San Joaquin flowing waters
Russian River tule perch	<i>Hysterocarpus traski pomo</i>	--/--/SSC	Klamath/North coast flowing waters
Steelhead-central California coast	<i>Oncorhynchus mykiss irideus</i>	FT/--/--	Spawns in freshwater
<b>Birds</b>			
Burrowing owl	<i>Athene cunicularia</i>	--/--/CSC	Grassland and open scrub
Short-eared owl	<i>Asio flammeus</i>	--/--/SSC	Grasslands and marsh
Tricolored blackbird	<i>Agelaius tricolor</i>	--/--/SSC	Freshwater marsh and surrounding fields
White-tailed kite	<i>Elanus leucurus</i>	--/FP/--	Nests in grassland and marshland with

**Special-Status Wildlife Species with the Potential to Occur in the Windsor Vicinity and Nine USGS Quadrangles**

Common Name	Scientific Name	Agency Status (Federal/State/Other)	Habitat
			trees
<b>Mammals</b>			
American badger	<i>Taxidea taxus</i>	--/--/SSC	Open grassland and desert area with friable soils, and open uncultivated ground.
Fisher – West Coast	<i>Pekania pennanti</i>	--/--/SSC	North coast coniferous forest, old growth forest, riparian forest
Pallid bat	<i>Antrozous pallidus</i>	--/--/SSC	Rocky canyons, open farmland, scattered desert scrub, grassland, shrubland, woodland, and mixed conifer forest. Roosts in caves, crevices, and trees; forages in a variety of habitats.
Sonoma tree vole	<i>Arborimus pomo</i>	--/--/SSC	North coast coniferous forest, old growth redwood
Townsend’s big-eared bat	<i>Corynorhinus townsendii</i>	--/--/SSC	Roosts in protected locations
Western red bat	<i>Lasiurus blossevilli</i>	--/--/SSC	Cismontane woodland, lower montane coniferous forest, riparian forest and woodland

Sources: California Natural Diversity Database (CNDDDB) (USGS 7.5-minute Healdsburg and eight surrounding quadrangles), January 2017.

**KEY:**

FE=Federally Endangered  
 FT=Federally Threatened  
 FC=Federal Candidate  
 DL=Federal Delisted

SE=State Endangered  
 ST=State Threatened  
 CFP=California Fully Protected  
 CSC=California Species of Concern

FP = CDFW fully protected  
 SSC = CDFW species of special concern  
 Rare = Rare species, State ranking as rare  
 MMPA=Marine Mammal Protection Act

**Table 2  
 Special-Status Plants with the Potential to Occur in the Windsor Vicinity and Nine USGS Quadrangles**

Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
Sonoma alopecurus	<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	<b>FE</b> --/1B.1	Freshwater marsh/riparian scrub. Blooming period May – July. Occurs at an elevation from 5 to 365 meters.
Napa false indigo	<i>Amorpha californica</i> var. <i>napensis</i>	--/--/1B.2	Forest/chaparral/woodland. Blooming period April – July. Occurs at an elevation from 120 to 2000.
Bent-flowered	<i>Amsinckia lunaris</i>	--/--/1B.2	Coastal bluff scrub/woodland/grassland.

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Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
fiddleneck			Blooming period March – June. Occurs at an elevation from 3 to 500 meters.
Slender silver moss	<i>Anomobryum julaceum</i>	--/--/4.2	Damp rock and soil on outcrops, usually on roadcuts in forests. Occurs at an elevation from 100 to 1,000 meters.
Baker's manzanita	<i>Artostaphylos bakeri</i> ssp. <i>bakeri</i>	--/--/1B.1	Broadleafed upland forest and chaparral often on serpentinite. Blooming period February – April. Occurs at an elevation of 75 to 300 meters.
The Cedars manzanita	<i>Artostaphylos bakeri</i> ssp. <i>sublaevis</i>	--/--/1B.2	Coniferous forest/chaparral. Blooming period February – May. Occurs from elevations of 185 to 760 meters.
Vine Hill manzanita	<i>Arctostaphylos densiflora</i>	--/SE/1B.1	Chaparral. Blooming period February – April. Occurs from elevations of 50 to 120 meters.
Howell's manzanita	<i>Arctostaphylos hispidula</i>	--/--/4.2	Chaparral. Blooming period March – April. Occurs from elevations of 120 to 1,250 meters.
Konocti manzanita	<i>Artostaphylos manzanita</i> ssp. <i>elegans</i>	--/--/1B.3	Chaparral/Cismontane woodland/lower montane coniferous forest. Blooming period January – July. Occurs from elevations of 395 to 1,615 meters.
Rincon ridge manzanita	<i>Artostaphylos stanfordiana</i> ssp. <i>decumbens</i>	--/--/1B.1	Chaparral/Cismontane woodland. Blooming period February – May. Occurs from elevations of 75 to 370 meters.
Serpentine mildewed	<i>Asclepias solanoana</i>	--/--/4.2	Chaparral/Cismontane woodland. Blooming period May – August. Occurs from elevations of 230 to 1,860 meters.
Brewer's milk-vetch	<i>Astragalus breweri</i>	--/--/4.2	Chaparral/cismontane woodland/meadows and seeps/grassland. Blooming period April – June. Occurs from elevations of 90 to 730 meters.
Clara Hunt's milk-vetch	<i>Astragalus breweri</i>	--/--/4.2	Chaparral/cismontane woodland/meadows/valley and foothill grassland. Blooming period April – June. Occurs from elevations of 90 to 730 meters.
Cleveland's milk-vetch	<i>Astragalus clevelandii</i>	--/--/4.3	Chaparral/cismontane woodland/riparian forest. Blooming period June – September. Occurs from elevations of 200 to 1,500 meters.
Jepson's milk-vetch	<i>Astragalus rattanii</i> var. <i>jepsonianus</i>	--/--/1B.1	Chaparral/cismontane woodland/valley and foothill grassland. Blooming period March – June. Occurs from elevations of 295 to 700 meters.
Big-scale balsamroot	<i>Balsamorhiza macrolepis</i>	--/--/1B.2	Chaparral/cismontane woodland/valley and foothill grassland. Blooming period March – June. Occurs from elevations of 90 to 1,555

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Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
			meters.
Sonoma sunshine	<i>Blennosperma bakeri</i>	<b>FE/SE/1B.1</b>	Vernal pools/mesic grassland. Blooming period March – May. Occurs from elevations of 10 to 110 meters.
Narrow-anthered brodiaea	<i>Brodiaea leptandra</i>	--/--/1B.2	Chaparral/cismontane woodland/valley and foothill grassland/lower montane coniferous forest. Blooming period May – July. Occurs from elevations of 110 to 915 meters.
Bolander's reed grass	<i>Calamagrostis bolanderi</i>	--/--/4.2	Bogs/broadleaved upland forest/coastal scrub/meadows and seeps/coniferous forest. Blooming period May – August. Occurs from elevations of 0 to 455 meters.
Thurber's reed grass	<i>Calamagrostis crassiglumis</i>	--/--/2B.1	Coastal scrub/marshes/swamps. Blooming period May – August. Occurs from elevations of 10 to 60 meters.
The Cedars fairy-lantern	<i>Calochortus raichei</i>	--/--/1B.2	Serpentine/chaparral. Blooming period May – August. Occurs from elevations of 200 to 490 meters.
Pink star-tulip	<i>Caechortus uniforus</i>	--/--/4.2	Coastal prairie/coastal scrub/meadows and seeps/coniferous forest. Blooming period April – June. Occurs from elevations of 10 to 1,070 meters.
Mount St. Helena morning-glory	<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	--/--/4.2	Chaparral/lower mountain coniferous forest/valley and foothill grassland. Blooming period April – June. Occurs from elevations of 279 to 1,010 meters
Swamp harebell	<i>Campanula californica</i>	--/--/1B.2	Bogs/coastal prairie/meadows and seeps/marshes and swamps/coniferous forest. Blooming period June – October. Occurs from elevations of 1 to 405 meters
Bristly sedge	<i>Carex comosa</i>	--/--/2B.1	Coastal prairie/marshes and swamps/valley and foothill grassland. Blooming period May – September. Occurs from elevations of 0 to 625 meters.
Johnny-nip	<i>Castilleja ambigua</i> var. <i>ambigua</i>	--/--/4.2	Coastal bluff/prairie/scrub and marshes/swamps/grassland/vernal pools. Blooming period March – August. Occurs from elevations of 0 to 435 meters
Pitkin Marsh paintbrush	<i>Castilleja uliginosa</i>	--/SE/1A	Marshes and swamps. Blooming period June – July.
Rincon Ridge ceanothus	<i>Ceanothus confusus</i>	--/--/1B.1	Chaparral/cismontane woodland. Blooming period February – June. Occurs from elevations of 75 to 1,065 meters
Vine Hill ceanothus	<i>Ceanothus foliosus</i> var. <i>vineatus</i>	--/--/1B.1	Chaparral. Blooming period March – May. Occurs from elevations of 45 to 305 meters
Glory brush	<i>Ceanothus gloriosus</i> var.	--/--/4.3	Chaparral. Blooming period March – August. Occurs from elevations of 30 to 610

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Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
	<i>exaltatus</i>		meters.
Holly-leaved ceanothus	<i>Ceanothus purpureus</i>	--/--/1B.2	Chaparral/Cismontane woodland. Blooming period February – June. Occurs from elevations of 120 to 640 meters.
Pappose tarplant	<i>Centromadia parryi ssp. parryi</i>	--/--/1B.2	Chaparral/mesic grassland/marshes/coastal prairie. Blooming period May – November. Occurs from 0 to 420 meters.
Sonoma spineflower	<i>Chorizanthe valida</i>	<b>FE/SE/1B.1</b>	Coastal prairie. Blooming period June – August. Occurs from elevations of 10 to 305 meters.
Vine Hill clarkia	<i>Clarkia imbricata</i>	<b>FE/SE/1B.1</b>	Chaparral/valley and foothill grassland. Blooming period June – August. Occurs from elevations of 50 to 75 meters.
Serpentine bird's-beak	<i>Cordylanthus tenuis ssp. brunneus</i>	--/--/4.3	Chaparral/cismontane woodland. Blooming period July – August. Occurs from elevations of 305 to 915 meters.
Pennell's bird's-beak	<i>Cordylanthus brunneus ssp. capillaris</i>	<b>FE/--/1B.2</b>	Chaparral/closed-cone coniferous forest. Blooming period June – September. Occurs from elevations of 45 to 305 meters.
Serpentine cryptantha	<i>Cryptantha dissita</i>	--/--/1B.2	Chaparral. Blooming period April – June. Occurs from elevations of 395 to 580 meters.
Peruvian dodder	<i>Cuscuta obtusiflora var. glandulosa</i>	--/--/2B.2	Marshes and swamps. Blooming period July – October. Occurs from elevations of 15 to 280 meters.
Mountain lady's-slipper	<i>Cypripedium montanum</i>	--/--/4.2	Forest/cismontane woodland. Blooming period March – August. Occurs from elevations of 185 to 2,225 meters.
Baker's larkspur	<i>Delphinium bakeri</i>	<b>FE/SE/1B.1</b>	Broadleaf upland forest/coastal scrub/valley and foothill grassland. Blooming period March – May. Occurs from elevations of 80 to 305 meters
Golden larkspur	<i>Delphinium luteum</i>	<b>FE/--/1B.1</b>	Coastal scrub/coastal prairie/chaparral. Blooming period March – May. Occurs from elevations of 0 to 100 meters
Swamp larkspur	<i>Delphinium uliginosum</i>	--/--/4.2	Chaparral/valley and foothill grassland. Blooming period Mary – May. Occurs from elevations of 340 to 610 meters.
Dwarf downingia	<i>Downingia pusilla</i>	--/--/2B.2	Vernal pools/mesic grassland. Blooming period Mary – May. Occurs from elevations of 1 to 445 meters.
Streamside daisy	<i>Erigeron biolettii</i>	--/--/3	Forest/woodland. Blooming period June – October. Occurs from elevations of 3 to 1,100 meters.
Greene's narrow-leaved	<i>Erigeron greenei</i>	--/--/1B.2	Chaparral. Blooming period May – September. June from elevations of 80 to

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Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
daisy			1,005 meters.
Serpentine daisy	<i>Erigeron serpentinus</i>	--/--/1B.3	Chaparral. Blooming period May – August. Occurs from elevations of 60 to 670 meters
Snow mountain buckwheat	<i>Eriogonum nervulosum</i>	--/--/1B.2	Chaparral. Blooming period June – September. Occurs from elevations of 300 to 2,105 meters.
Slender cottongrass	<i>Eriophorum gracile</i>	--/--/4.3	Bogs/meadows/forest. Blooming period May – September. Occurs from elevations of 1,280 to 2,900 meters.
St. Helena fawn lily	<i>Erythronium helenae</i>	--/--/4.2	Chaparral/cismontane woodland/forest/foothill and valley grassland. Blooming period March – May. Occurs from elevations of 350 to 1,220 meters.
Fragrant fritillary	<i>Fritillaria liliacea</i>	--/--/1B.2	Coastal scrub/prairie/grassland. Blooming period February – April. Occurs from elevations of 3 to 410 meters.
Woolly-headed gilia	<i>Gilia capitata ssp. tomentosa</i>	--/--/1B.1	Coastal bluff scrub. Blooming period May – July. Occurs from elevations of 10 to 220 meters.
Boggs Lake hedge-hyssop	<i>Gratiola heterosepala</i>	--/SE/1B.2	Coastal dunes. Blooming period April – August. Occurs from elevations of 10 to 2,275 meters
Nodding harmonia	<i>Harmonia nutans</i>	--/--/4.3	Chaparral/cismontane woodland. Blooming period March – May. Occurs from elevations of 75 to 975 meters.
Congested-headed hayfield tarplant	<i>Hemizonia congesta ssp. congesta</i>	--/--/1B.2	Grassland. Blooming period April – November. Occurs from elevations of 20 to 560 meters.
Hogwallow starfish	<i>Hesperexax caulescens</i>	--/--/4.2	Vernal pools/valley and foothill grassland. Blooming period March – June. Occurs from elevations of 0 to 505 meters
Two-carpellate western flax	<i>Hesperolinon bicarpellatum</i>	--/--/1B.2	Chaparral. Blooming period May – July. Occurs from elevations of 60 to 1,005 meters
Thin-lobed horkelia	<i>Horkelia tenuiloba</i>	--/--/1B.2	Chaparral/forest/valley and foothill grassland. Blooming period May – August. Occurs from elevations of 50 to 500 meters
Harlequin lotus	<i>Hosackia gracilis</i>	--/--/4.2	Forest/valley and foothill/grassland/coastal prairie/coastal shrub/marshes/meadows. Blooming period March – July. Occurs from elevations of 0 to 700 meters
Coast iris	<i>Iris longipetala</i>	--/--/4.2	Coastal prairie/forest/meadows. Blooming period March – May. Occurs from elevations of 0 to 600 meters
Small groundcone	<i>Kopsiopsis hookeri</i>	--/--/2B.3	North coast coniferous forest. Blooming

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			period April – August. Occurs from elevations of 90 to 885 meters
Burke’s goldfields	<i>Lasthenia burkei</i>	<b>FE/SE/1B.1</b>	Vernal pools/meadows. Blooming period April – June. Occurs from elevations of 15 to 600 meters
Baker’s goldfields	<i>Lasthenia California</i> ssp. <i>bakeri</i>	--/--/1B.2	Forest/marshes/meadows. Blooming period April – October. Occurs from elevations of 60 to 520 meters
Colusa layia	<i>Layia septentrionalis</i>	--/--/1B.2	Chaparral/cismontane woodland/valley and foothill grassland. Blooming period April – May. Occurs from elevations of 100 to 1,095 meters
Legenere	<i>Legenere limosa</i>	--/--/1B.1	Vernal pools. Blooming period April – June. Occurs from elevations of 1 to 880 meters
Jepson’s leptosiphon	<i>Leptosiphon jepsonii</i>	--/--/1B.2	Chaparral/cismontane woodland/valley and foothill grassland. Blooming period March – May. Occurs from elevations of 100 to 500 meters
Cyrstal Springs lessingia	<i>Lesingia arachnoidea</i>	--/--/1B.2	Cismontane woodland/valley and foothill grassland/coastal scrub. Blooming period July – October. Occurs from elevations of 60 to 200 meters
Woolly-headed lessingia	<i>Lessingia hololeuca</i>	--/--/3	Forest/scrub/grassland. Blooming period April – June. Occurs from elevations of 1 to 880 meters
Pitkin Marsh lily	<i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	<b>FE/SE/1B.1</b>	Cismontane woodland/meadows/seeps/marshes/swamp . Blooming period June – July. Occurs from elevations of 35 to 65 meters
Redwood lily	<i>Lilium rubescens</i>	--/--/4.2	Chaparral/forest. Blooming period April – September. Occurs from elevations of 30 to 1,910 meters
Sebastopol meadowfoam	<i>Limnanthes vinculans</i>	<b>FE/SE/1B.1</b>	Meadows/valley and foothill grassland/vernal pools. Blooming period April – May. Occurs from elevations of 15 to 305 meters
Napa lomatium	<i>Lomatium repostum</i>	--/--/4.3	Chaparral/cismontane woodland. Blooming period March – June. Occurs from elevations of 90 to 830 meters
Cobb Mountain lupine	<i>Lupinus sericatus</i>	--/--/1B.2	Chaparral/cismontane woodland/forest. Blooming period March – June. Occurs from elevations of 275 to 1,525 meters
Mt. Diablo cottonweed	<i>Micropus amphibolus</i>	--/--/3.2	Forest/woodland/chaparral/grassland. Blooming period March – May. Occurs from elevations of 45 to 825 meters
Marsh microseris	<i>Microseris paludosa</i>	--/--/1B.2	Forest/woodland/coastal scrub/grassland. Blooming period April – June. Occurs from



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Common Name	Scientific Name	Agency Status (Federal/State/CRPR/ Other)	Habitat
			elevations of 5 to 335 meters
Green monardella	<i>Monardella viridis</i>	--/--/4.3	Chaparral/cismontane woodland.. Blooming period June – September. Occurs from elevations of 100 to 1,010 meters.
Cotula navarretia	<i>Navarretia cotulifolia</i>	--/--/4.2	Chaparral/cismontane woodland/valley and foothill grassland. Blooming period May – June. Occurs from elevations of 4 to 1,830 meters.
Baker's navarretia	<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	--/--/1B.1	Woodland/seeps/pools/grassland/forest. Blooming period April – July. Occurs from elevations of 5 to 1,740 meters.
Many-flowered navarretia	<i>Navarretia leucocephala</i> ssp. <i>pliantha</i>	<b>FE/SE/1B.2</b>	Vernal pools. Blooming period May – June. Occurs from elevations of 30 to 950 meters.
Howell's broomrape	<i>Orobanche valida</i> ssp. <i>howellii</i>	--/--/4.3	Chaparral. Blooming period June – September. Occurs from elevations of 180 to 1,740 meters
Sonoma beadtongue	<i>Penstemon newberryi</i> var. <i>sonomensis</i>	--/--/1B.3	Chaparral. Blooming period April – August. Occurs from elevations of 700 to 1,370 meters.
Gairdner's yampah	<i>Perideridia gairdneri</i> ssp. <i>gairdneri</i>	--/--/4.2	Chaparral/forest/coastal prairie/grassland/vernal pools. Blooming period June – October. Occurs from elevations of 0 to 610 meters
North Coast semaphore grass	<i>Pleuropogon hooverianus</i>	--/ <b>ST</b> /1B.1	Forest/seeps. Blooming period April – June. Occurs from elevations of 10 to 671 meters
Lobb's aquatic buttecup	<i>Ranunculus lobbii</i>	--/--/4.2	Cismontane woodland/vernal pools/forest/foothill and valley grassland. Blooming period February – May. Occurs from elevations of 15 to 470 meters
White beaked-rush	<i>Rhynchospora alba</i>	--/--/2B.2	Marshes/swamps. Blooming period June – August. Occurs from elevations of 60 to 2,040 meters
California beaked-rush	<i>Rhynchospora californica</i>	--/--/1B.1	Forest/marsh/bogs. Blooming period May – July. Occurs from elevations of 45 to 1,010 meters
Brownish beaked-rush	<i>Rhynchospora capitellata</i>	--/--/2B.2	Forest/marsh/bogs. Blooming period July – August. Occurs from elevations of 45 to 2,000 meters
Round-headed beaked-rush	<i>Rhynchospora globularis</i>	--/--/2B.1	Marsh. Blooming period July – August. Occurs from elevations of 45 to 60 meters
Kenwood Marsh checkerbloom	<i>Sidalcea oregana</i> ssp. <i>valida</i>	<b>FE/SE/1B.1</b>	Marshes/swamps. Blooming period June – September. Occurs from elevations of 115 to 150 meters

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Freed's jewelflower	<i>Streptanthus brachiatus</i> ssp. <i>huffmanii</i>	--/--/1B.2	Chaparral/cismontane woodland. Blooming period June – September. Occurs from elevations of 115 to 150 meters
Green jewelflower	<i>Streptanthus hesperidis</i>	--/--/1B.2	Chaparral/cismontane woodland. Blooming period May – July. Occurs from elevations of 130 to 760 meters
Three Peaks jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>elatus</i>	--/--/1B.2	Chaparral. Blooming period June – September. Occurs from elevations of 90 to 815 meters
Kruckeberg's jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>kruckeberqii</i>	--/--/1B.2	Cismontane woodland. Blooming period April – July. Occurs from elevations of 215 to 1,035 meters.
Slender-leaved pondweed	<i>Stuckenia filliformis</i> ssp. <i>alpina</i>	--/--/2B.2	Marshes. Blooming period May – July. Occurs from elevations of 300 to 2,150 meters
Two-fork clover	<i>Trifolium amoenum</i>	<b>FE</b> --/1B.1	Coastal bluff scrub/grassland. Blooming period April – June. Occurs from elevations of 5 to 415 meters
Saline clover	<i>Trifolium hydrophilum</i>	--/--/1B.2	Marshes/swamps/grassland/vernal pools. Blooming period April – June. Occurs from elevations of 0 to 300 meters
Coastal triquetrella	<i>Triquetrella californica</i>	--/--/1B.2	Coastal bluff scrub/scrub. Occurs from elevations of 10 to 100 meters
Methuselah's beard lichen	<i>Usnea longissima</i>	--/--/4.2	Forest. Occurs from elevations of 50 to 1,460 meters
Oval-leaved viburnum	<i>Viburnum ellipticum</i>	--/--/2B.3	Chaparral/cismontane woodland/forest. Blooming period May – June. Occurs from elevations of 215 to 1,400 meters.

Sources: California Native Plant Society (CNPS) (USGS 7.5-minute Healdsburg and eight surrounding quadrangles), January 2017  
California Natural Diversity Database (CNDDB) (USGS 7.5-minute Healdsburg and eight surrounding quadrangles), January 2017.

**KEY:**

FE=Federally Endangered                      SE=California State Endangered  
FT=Federal Threatened                         ST=California State Threatened

California Native Plant Society (CNPS):

- 1A: Plants presumed extinct in California
- 1B: Plants 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.
- 4: Plants of limited distribution, a watch list.

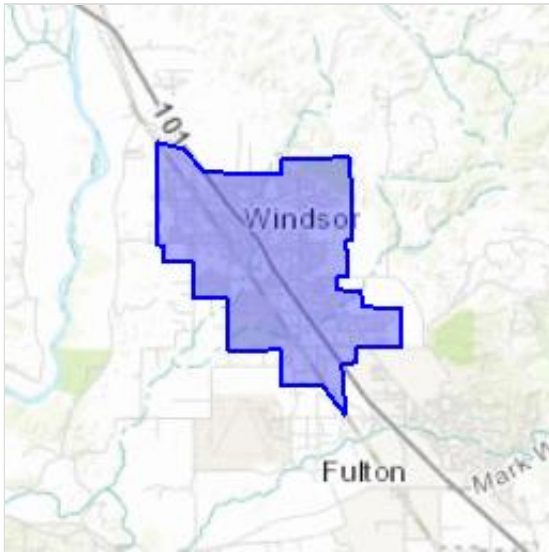
California Rare Plant Rank (CRPR):

- 0.1 - Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)
- 0.2 – Fairly endangered in California (20-80% occurrences threatened)
- 0.3 – Not very endangered in California (<20% of occurrences threatened or no current threats known)

# IPaC resource list

## Location

Sonoma County, California



## Local office

Sacramento Fish And Wildlife Office

☎ (916) 414-6600

📅 (916) 414-6713

Federal Building

2800 Cottage Way, Room W-2605

Sacramento, CA 95825-1846

## Endangered species

**This resource list is for informational purposes only and should not be used for planning or analyzing project level impacts.**

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to “request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action” for any project that is conducted, permitted, funded, or licensed by any Federal agency.

**A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list either from the Regulatory Review section in IPaC or from the local field office directly.**

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by creating a project and making a request from the Regulatory Review section.

Listed species<sup>1</sup> are managed by the [Endangered Species Program](#) of the U.S. Fish and Wildlife Service.

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.

The following species are potentially affected by activities in this location:

## Amphibians

NAME	STATUS
California Red-legged Frog <i>Rana draytonii</i> There is a <b>final critical habitat</b> designated for this species. Your location is outside the designated critical habitat. <a href="http://ecos.fws.gov/ecp/species/2891">http://ecos.fws.gov/ecp/species/2891</a>	Threatened
California Tiger Salamander <i>Ambystoma californiense</i> There is a <b>final critical habitat</b> designated for this species. Your location overlaps the designated critical habitat. <a href="http://ecos.fws.gov/ecp/species/2076">http://ecos.fws.gov/ecp/species/2076</a>	Endangered

## Birds

NAME	STATUS
Northern Spotted Owl <i>Strix occidentalis caurina</i> There is a <b>final critical habitat</b> designated for this species. Your location is outside the designated critical habitat. <a href="http://ecos.fws.gov/ecp/species/1123">http://ecos.fws.gov/ecp/species/1123</a>	Threatened

## Crustaceans

NAME	STATUS
California Freshwater Shrimp <i>Syncaris pacifica</i> No critical habitat has been designated for this species. <a href="http://ecos.fws.gov/ecp/species/7903">http://ecos.fws.gov/ecp/species/7903</a>	Endangered

## Fishes

NAME	STATUS
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> There is a <b>final critical habitat</b> designated for this species. Your location overlaps the designated critical habitat. <a href="http://ecos.fws.gov/ecp/species/1007">http://ecos.fws.gov/ecp/species/1007</a>	Threatened

## Flowering Plants

NAME	STATUS
Burke's Goldfields <i>Lasthenia burkei</i> No critical habitat has been designated for this species. <a href="http://ecos.fws.gov/ecp/species/4338">http://ecos.fws.gov/ecp/species/4338</a>	Endangered
Many-flowered Navarretia <i>Navarretia leucocephala</i> <i>ssp. plieantha</i> No critical habitat has been designated for this species. <a href="http://ecos.fws.gov/ecp/species/2491">http://ecos.fws.gov/ecp/species/2491</a>	Endangered
Sebastopol Meadowfoam <i>Limnanthes vinculans</i> No critical habitat has been designated for this species. <a href="http://ecos.fws.gov/ecp/species/404">http://ecos.fws.gov/ecp/species/404</a>	Endangered
Sonoma Sunshine <i>Blennosperma bakeri</i> No critical habitat has been designated for this species. <a href="http://ecos.fws.gov/ecp/species/1260">http://ecos.fws.gov/ecp/species/1260</a>	Endangered

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

This location overlaps the critical habitat for the following species:

NAME	TYPE
California Tiger Salamander <i>Ambystoma californiense</i> <a href="http://ecos.fws.gov/ecp/species/2076#crithab">http://ecos.fws.gov/ecp/species/2076#crithab</a>	Final designated
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> <a href="http://ecos.fws.gov/ecp/species/1007#crithab">http://ecos.fws.gov/ecp/species/1007#crithab</a>	Final designated
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> <a href="http://ecos.fws.gov/ecp/species/1007#crithab">http://ecos.fws.gov/ecp/species/1007#crithab</a>	Final designated
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> <a href="http://ecos.fws.gov/ecp/species/1007#crithab">http://ecos.fws.gov/ecp/species/1007#crithab</a>	Final designated
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> <a href="http://ecos.fws.gov/ecp/species/1007#crithab">http://ecos.fws.gov/ecp/species/1007#crithab</a>	Final designated
Steelhead <i>Oncorhynchus (=Salmo) mykiss</i> <a href="http://ecos.fws.gov/ecp/species/1007#crithab">http://ecos.fws.gov/ecp/species/1007#crithab</a>	Final designated

## Migratory birds

Birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

Any activity that results in the take (to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct) of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service<sup>3</sup>. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data <http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The migratory birds species listed below are species of particular conservation concern (e.g. [Birds of Conservation Concern](#)) that may be potentially affected by activities in this location, not a list of every bird species you may find in this location. Although it is important to try to avoid and minimize impacts to all birds, special attention should be made to avoid and minimize impacts to birds of priority concern. To view available data on other bird species that may occur in your project area, please visit the [AKN Histogram Tools](#) and [Other Bird Data Resources](#).

NAME	SEASON(S)
Bald Eagle <i>Haliaeetus leucocephalus</i> <a href="http://ecos.fws.gov/ecp/species/1626">http://ecos.fws.gov/ecp/species/1626</a>	Year-round
Bell's Sparrow <i>Amphispiza belli</i> <a href="http://ecos.fws.gov/ecp/species/9303">http://ecos.fws.gov/ecp/species/9303</a>	Year-round
Burrowing Owl <i>Athene cunicularia</i> <a href="http://ecos.fws.gov/ecp/species/9737">http://ecos.fws.gov/ecp/species/9737</a>	Year-round
Fox Sparrow <i>Passerella iliaca</i>	Wintering
Least Bittern <i>Ixobrychus exilis</i> <a href="http://ecos.fws.gov/ecp/species/6175">http://ecos.fws.gov/ecp/species/6175</a>	Breeding
Lesser Yellowlegs <i>Tringa flavipes</i> <a href="http://ecos.fws.gov/ecp/species/9679">http://ecos.fws.gov/ecp/species/9679</a>	Wintering
Lewis's Woodpecker <i>Melanerpes lewis</i> <a href="http://ecos.fws.gov/ecp/species/9408">http://ecos.fws.gov/ecp/species/9408</a>	Wintering

Long-billed Curlew <i>Numenius americanus</i> <a href="http://ecos.fws.gov/ecp/species/5511">http://ecos.fws.gov/ecp/species/5511</a>	Wintering
Nuttall's Woodpecker <i>Picoides nuttallii</i> <a href="http://ecos.fws.gov/ecp/species/9410">http://ecos.fws.gov/ecp/species/9410</a>	Year-round
Oak Titmouse <i>Baeolophus inornatus</i> <a href="http://ecos.fws.gov/ecp/species/9656">http://ecos.fws.gov/ecp/species/9656</a>	Year-round
Olive-sided Flycatcher <i>Contopus cooperi</i> <a href="http://ecos.fws.gov/ecp/species/3914">http://ecos.fws.gov/ecp/species/3914</a>	Breeding
Peregrine Falcon <i>Falco peregrinus</i> <a href="http://ecos.fws.gov/ecp/species/8831">http://ecos.fws.gov/ecp/species/8831</a>	Year-round
Rufous-crowned Sparrow <i>Aimophila ruficeps</i> <a href="http://ecos.fws.gov/ecp/species/9718">http://ecos.fws.gov/ecp/species/9718</a>	Year-round
Short-eared Owl <i>Asio flammeus</i> <a href="http://ecos.fws.gov/ecp/species/9295">http://ecos.fws.gov/ecp/species/9295</a>	Wintering
Western Grebe <i>aechmophorus occidentalis</i> <a href="http://ecos.fws.gov/ecp/species/6743">http://ecos.fws.gov/ecp/species/6743</a>	Year-round

**What does IPaC use to generate the list of migratory bird species potentially occurring in my specified location?**

#### **Landbirds:**

Migratory birds that are displayed on the IPaC species list are based on ranges in the latest edition of the National Geographic Guide, Birds of North America (6th Edition, 2011 by Jon L. Dunn, and Jonathan Alderfer). Although these ranges are coarse in nature, a number of U.S. Fish and Wildlife Service migratory bird biologists agree that these maps are some of the best range maps to date. These ranges were clipped to a specific Bird Conservation Region (BCR) or USFWS Region/Regions, if it was indicated in the 2008 list of Birds of Conservation Concern (BCC) that a species was a BCC species only in a particular Region/Regions. Additional modifications have been made to some ranges based on more local or refined range information and/or information provided by U.S. Fish and Wildlife Service biologists with species expertise. All migratory birds that show in areas on land in IPaC are those that appear in the 2008 Birds of Conservation Concern report.

#### **Atlantic Seabirds:**



Ranges in IPaC for birds off the Atlantic coast are derived from species distribution models developed by the National Oceanic and Atmospheric Association (NOAA) National Centers for Coastal Ocean Science (NCCOS) using the best available seabird survey data for the offshore Atlantic Coastal region to date. NOAA/NCCOS assisted USFWS in developing seasonal species ranges from their models for specific use in IPaC. Some of these birds are not BCC species but were of interest for inclusion because they may occur in high abundance off the coast at different times throughout the year, which potentially makes them more susceptible to certain types of development and activities taking place in that area. For more refined details about the abundance and richness of bird species within your project area off the Atlantic Coast, see the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other types of taxa that may be helpful in your project review.

About the NOAA/NCCOS models: the models were developed as part of the NOAA/NCCOS project: [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#). The models resulting from this project are being used in a number of decision-support/mapping products in order to help guide decision-making on activities off the Atlantic Coast with the goal of reducing impacts to migratory birds. One such product is the [Northeast Ocean Data Portal](#), which can be used to explore details about the relative occurrence and abundance of bird species in a particular area off the Atlantic Coast.

All migratory bird range maps within IPaC are continuously being updated as new and better information becomes available.

### **Can I get additional information about the levels of occurrence in my project area of specific birds or groups of birds listed in IPaC?**

#### **Landbirds:**

The [Avian Knowledge Network \(AKN\)](#) provides a tool currently called the "Histogram Tool", which draws from the data within the AKN (latest, survey, point count, citizen science datasets) to create a view of relative abundance of species within a particular location over the course of the year. The results of the tool depict the frequency of detection of a species in survey events, averaged between multiple datasets within AKN in a particular week of the year. You may access the histogram tools through the [Migratory Bird Programs AKN Histogram Tools](#) webpage.

The tool is currently available for 4 regions (California, Northeast U.S., Southeast U.S. and Midwest), which encompasses the following 32 states: Alabama, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin.

In the near future, there are plans to expand this tool nationwide within the AKN, and allow the graphs produced to appear with the list of trust resources generated by IPaC, providing you with an additional level of detail about the level of occurrence of the species of particular concern potentially occurring in your project area throughout the course of the year.

#### **Atlantic Seabirds:**

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAAANCCOS [Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project](#) webpage.

## Facilities

## Wildlife refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGES AT THIS LOCATION.

## Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

## Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

WETLAND INFORMATION IS NOT AVAILABLE AT THIS TIME

## Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

CALIFORNIA DEPARTMENT OF  
**FISH and WILDLIFE RareFind**

**Query Summary:**

Quad **IS** (Camp Meeker (3812248) **OR** Geyserville (3812268) **OR** Guerneville (3812258) **OR** Healdsburg (3812257) **OR** Jintown (3812267) **OR** Mark West Springs (3812256) **OR** Mount St. Helena (3812266) **OR** Santa Rosa (3812246) **OR** Sebastopol (3812247))

**CNDDB Element Query Results**

Scientific Name	Common Name	Taxonomic Group	Element Code	Total Occs	Returned Occs	Federal Status	State Status	Global Rank	State Rank	CA Rare Plant Rank	Other Status	Habitats
Agelaius tricolor	tricolored blackbird	Birds	ABPBXB0020	906	1	None	Candidate Endangered	G2G3	S1S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_EN-Endangered, NABCI_RWL-Red Watch List, USFWS_BCC-Birds of Conservation Concern	Freshwater marsh, Marsh & swamp, Swamp, Wetland
Alopecurus aequalis var. sonomensis	Sonoma alopecurus	Monocots	PMPOA07012	21	8	Endangered	None	G5T1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Freshwater marsh, Marsh & swamp, Riparian scrub, Wetland
Ambystoma californiense	California tiger salamander	Amphibians	AAAAA01180	1148	51	Threatened	Threatened	G2G3	S2S3	null	CDFW_WL-Watch List, IUCN_VU-Vulnerable	Cismontane woodland, Meadow & seep, Riparian woodland, Valley & foothill grassland, Vernal pool, Wetland
Amorpha californica var. napensis	Napa false indigo	Dicots	PDFAB08012	69	13	None	None	G4T2	S2	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Broadleaved upland forest, Chaparral, Cismontane woodland
Amsinckia lunaris	bent-flowered fiddleneck	Dicots	PDBOR01070	64	1	None	None	G2G3	S2S3	1B.2	BLM_S-Sensitive	Cismontane woodland, Coastal bluff scrub, Valley & foothill grassland
Andrena blennospematis	Blennospemata vernal pool andrenid bee	Insects	IIHYM35030	15	2	None	None	G2	S2	null	null	Vernal pool
Anomobryum julaceum	slender silver moss	Bryophytes	NBMUS80010	13	1	None	None	G5?	S2	4.2	null	Broadleaved upland forest, Lower montane coniferous forest, North coast coniferous forest
Antrozous pallidus	pallid bat	Mammals	AMACC10010	406	9	None	None	G5	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	Chaparral, Coastal scrub, Desert wash, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Riparian woodland, Sonoran desert scrub, Upper montane coniferous forest, Valley & foothill grassland
Arborimus pomo	Sonoma tree vole	Mammals	AMAFF23030	221	3	None	None	G3	S3	null	CDFW_SSC-Species of Special Concern, IUCN_NT-Near Threatened	North coast coniferous forest, Oldgrowth, Redwood

Arctostaphylos bakeri ssp. bakeri	Baker's manzanita	Dicots	PDERI04221	3	3	None	Rare	G2T1	S1	1B.1	null	Broadleaved upland forest, Chaparral, Ultramafic
Arctostaphylos bakeri ssp. sublaevis	The Cedars manzanita	Dicots	PDERI04222	4	2	None	Rare	G2T2	S2	1B.2	BLM_S-Sensitive	Chaparral, Closed-cone coniferous forest, Ultramafic
Arctostaphylos densiflora	Vine Hill manzanita	Dicots	PDERI040C0	2	2	None	Endangered	G1	S1	1B.1	null	Chaparral
Arctostaphylos manzanita ssp. elegans	Konocti manzanita	Dicots	PDERI04271	69	1	None	None	G5T3	S3	1B.3	null	Chaparral, Cismontane woodland, Lower montane coniferous forest
Arctostaphylos stanfordiana ssp. decumbens	Rincon Ridge manzanita	Dicots	PDERI041G4	12	8	None	None	G3T1	S1	1B.1	null	Chaparral, Cismontane woodland
Ardea herodias	great blue heron	Birds	ABNGA04010	138	1	None	None	G5	S4	null	CDF_S-Sensitive, IUCN_LC-Least Concern	Brackish marsh, Estuary, Freshwater marsh, Marsh & swamp, Riparian forest, Wetland
Astragalus claranus	Clara Hunt's milk-vetch	Dicots	PDFAB0F240	6	1	Endangered	Threatened	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Cismontane woodland, Valley & foothill grassland
Astragalus rattanii var. jepsonianus	Jepson's milk-vetch	Dicots	PDFAB0F7E1	51	1	None	None	G4T3	S3	1B.2	BLM_S-Sensitive	Cismontane woodland, Ultramafic, Valley & foothill grassland
Athene cunicularia	burrowing owl	Birds	ABNSB10010	1923	1	None	None	G4	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFWS_BCC-Birds of Conservation Concern	Coastal prairie, Coastal scrub, Great Basin grassland, Great Basin scrub, Mojavean desert scrub, Sonoran desert scrub, Valley & foothill grassland
Balsamorhiza macrolepis	big-scale balsamroot	Dicots	PDAST11061	43	2	None	None	G2	S2	1B.2	BLM_S-Sensitive, USFS_S-Sensitive	Chaparral, Cismontane woodland, Ultramafic, Valley & foothill grassland
Blennosperma bakeri	Sonoma sunshine	Dicots	PDAST1A010	25	18	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Valley & foothill grassland, Vernal pool, Wetland
Bombus caliginosus	obscure bumble bee	Insects	IIHYM24380	181	3	None	None	G4?	S1S2	null	IUCN_VU-Vulnerable	null
Bombus occidentalis	western bumble bee	Insects	IIHYM24250	282	2	None	None	G2G3	S1	null	USFS_S-Sensitive, XERCES_IM-Imperiled	null
Brodiaea leptandra	narrow-anthered brodiaea	Monocots	PMLIL0C022	39	10	None	None	G3?	S3?	1B.2	null	Broadleaved upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Valley & foothill grassland
Calamagrostis crassiglumis	Thurber's reed grass	Monocots	PMPOA17070	15	1	None	None	G3Q	S2	2B.1	null	Coastal scrub, Freshwater marsh, Marsh & swamp, Wetland
Calochortus raichei	The Cedars fairy-lantern	Monocots	PMLIL0D1L0	9	1	None	None	G2	S2	1B.2	BLM_S-Sensitive	Chaparral, Closed-cone coniferous forest, Ultramafic
Calystegia collina ssp. oxyphylla	Mt. Saint Helena morning-glory	Dicots	PDCON04032	9	2	None	None	G4T3	S3	4.2	null	Chaparral, Lower montane coniferous forest, Ultramafic, Valley & foothill grassland

Campanula californica	swamp harebell	Dicots	PDCAM02060	132	2	None	None	G3	S3	1B.2	BLM_S-Sensitive	Bog & fen, Closed-cone coniferous forest, Coastal prairie, Marsh & swamp, Meadow & seep, North coast coniferous forest, Wetland
Carex comosa	bristly sedge	Monocots	PMCPY032Y0	29	1	None	None	G5	S2	2B.1	null	Coastal prairie, Freshwater marsh, Marsh & swamp, Valley & foothill grassland, Wetland
Castilleja uliginosa	Pitkin Marsh paintbrush	Dicots	PDSCR0D380	2	2	None	Endangered	GXQ	SX	1A	null	Freshwater marsh, Marsh & swamp, Wetland
Ceanothus confusus	Rincon Ridge ceanothus	Dicots	PDRHA04220	33	10	None	None	G1	S1	1B.1	BLM_S-Sensitive	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Ultramafic
Ceanothus divergens	Calistoga ceanothus	Dicots	PDRHA04240	23	5	None	None	G2	S2	1B.2	BLM_S-Sensitive	Chaparral, Cismontane woodland, Ultramafic
Ceanothus foliosus var. vineatus	Vine Hill ceanothus	Dicots	PDRHA040D6	6	4	None	None	G3T1	S1	1B.1	null	Chaparral
Ceanothus purpureus	holly-leaved ceanothus	Dicots	PDRHA04160	43	3	None	None	G2	S2	1B.2	null	Chaparral, Cismontane woodland
Ceanothus sonomensis	Sonoma ceanothus	Dicots	PDRHA04420	30	1	None	None	G2	S2	1B.2	null	Chaparral, Ultramafic
Centromadia paryi ssp. paryi	pappose tarplant	Dicots	PDAST4R0P2	29	2	None	None	G3T2	S2	1B.2	BLM_S-Sensitive	Chaparral, Coastal prairie, Marsh & swamp, Meadow & seep, Valley & foothill grassland
Chorizanthe valida	Sonoma spineflower	Dicots	PDPGN040V0	6	1	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Coastal prairie
Clarkia imbricata	Vine Hill clarkia	Dicots	PDONA050K0	3	3	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Valley & foothill grassland
Coastal and Valley Freshwater Marsh	Coastal and Valley Freshwater Marsh	Marsh	CTT52410CA	60	1	None	None	G3	S2.1	null	null	Marsh & swamp, Wetland
Cordylanthus tenuis ssp. capillaris	Pennell's bird's-beak	Dicots	PDSCR0J0S2	4	4	Endangered	Rare	G4G5T1	S1	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Chaparral, Closed-cone coniferous forest, Ultramafic
Corynorhinus townsendii	Townsend's big-eared bat	Mammals	AMACC08010	625	6	None	None	G3G4	S2	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	Broadleaved upland forest, Chaparral, Chenopod scrub, Great Basin grassland, Great Basin scrub, Joshua tree woodland, Lower montane coniferous forest, Meadow & seep, Mojavean desert scrub, Riparian forest, Riparian woodland, Sonoran desert scrub, Sonoran thorn woodland, Upper montane coniferous forest, Valley & foothill grassland
Cryptantha dissita	serpentine cryptantha	Dicots	PDBOR0A0H2	10	1	None	None	G2	S2	1B.2	BLM_S-Sensitive	Chaparral, Ultramafic
Cuscuta obtusiflora var.	Peruvian dodder	Dicots	PDCUS01111	6	1	None	None	G5T4T5	SH	2B.2	null	Marsh & swamp, Wetland



											Garden	
Hysterocarpus traski pomo	Russian River tule perch	Fish	AFCQK02011	4	4	None	None	G5T4	S4	null	AFS_VU-Vulnerable, CDFW_SSC-Species of Special Concern	Aquatic, Klamath/North coast flowing waters
Kopsiopsis hookeri	small groundcone	Dicots	PDORO01010	21	1	None	None	G4?	S1S2	2B.3	null	North coast coniferous forest
Lasiurus blossevillii	western red bat	Mammals	AMACC05060	122	1	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern, WBWG_H-High Priority	Cismontane woodland, Lower montane coniferous forest, Riparian forest, Riparian woodland
Lasiurus cinereus	hoary bat	Mammals	AMACC05030	235	2	None	None	G5	S4	null	IUCN_LC-Least Concern, WBWG_M-Medium Priority	Broadleaved upland forest, Cismontane woodland, Lower montane coniferous forest, North coast coniferous forest
Lasthenia burkei	Burke's goldfields	Dicots	PDAST5L010	34	26	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Meadow & seep, Vernal pool, Wetland
Lasthenia californica ssp. bakeri	Baker's goldfields	Dicots	PDAST5L0C4	19	1	None	None	G3T1	S1	1B.2	null	Closed-cone coniferous forest, Coastal scrub, Marsh & swamp, Meadow & seep
Lavinia symmetricus navarroensis	Navarro roach	Fish	AFCJB19023	4	2	None	None	G4T1T2	S2S3	null	CDFW_SSC-Species of Special Concern	Aquatic, Sacramento/San Joaquin flowing waters
Layia septentrionalis	Colusa layia	Dicots	PDAST5N0F0	57	1	None	None	G2	S2	1B.2	BLM_S-Sensitive	Chaparral, Cismontane woodland, Ultramafic, Valley & foothill grassland
Legenere limosa	legenere	Dicots	PDCAM0C010	78	1	None	None	G2	S2	1B.1	BLM_S-Sensitive	Vernal pool, Wetland
Leptosiphon jepsonii	Jepson's leptosiphon	Dicots	PDPLM09140	39	12	None	None	G3	S3	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden, SB_USDA-US Dept of Agriculture	Chaparral, Cismontane woodland, Ultramafic
Lessingia arachnoidea	Crystal Springs lessingia	Dicots	PDAST5S0C0	11	3	None	None	G2	S2	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Cismontane woodland, Coastal scrub, Ultramafic, Valley & foothill grassland
Lilium pardalinum ssp. pitkinense	Pitkin Marsh lily	Monocots	PMLIL1A0H3	4	2	Endangered	Endangered	G5T1	S1	1B.1	SB_BerrySB-Berry Seed Bank, SB_RSABG-Rancho Santa Ana Botanic Garden, SB_USDA-US Dept of Agriculture	Cismontane woodland, Freshwater marsh, Marsh & swamp, Meadow & seep, Wetland
Limnanthes vinculans	Sebastopol meadowfoam	Dicots	PDLIM02090	45	34	Endangered	Endangered	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden	Meadow & seep, Valley & foothill grassland, Vernal pool, Wetland
Linderiella occidentalis	California linderiella	Crustaceans	ICBRA06010	431	6	None	None	G2G3	S2S3	null	IUCN_NT-Near Threatened	Vernal pool
Lupinus sericatus	Cobb Mountain lupine	Dicots	PDFAB2B3J0	45	2	None	None	G2	S2	1B.2	BLM_S-Sensitive	Broadleaved upland forest, Chaparral, Cismontane woodland, Lower montane coniferous



												forest, Ultramafic
Microseris paludosa	marsh microseris	Dicots	PDAST6E0D0	39	3	None	None	G2	S2	1B.2	null	Cismontane woodland, Closed-cone coniferous forest, Coastal scrub, Valley & foothill grassland
Mylopharodon conocephalus	hardhead	Fish	AFCJB25010	32	1	None	None	G3	S3	null	CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	Klamath/North coast flowing waters, Sacramento/San Joaquin flowing waters
Myotis thysanodes	fringed myotis	Mammals	AMACC01090	85	1	None	None	G4	S3	null	BLM_S-Sensitive, IUCN_LC-Least Concern, USFS_S-Sensitive, WBWG_H-High Priority	null
Navarretia leucocephala ssp. bakeri	Baker's navarretia	Dicots	PDPLM0C0E1	58	14	None	None	G4T2	S2	1B.1	BLM_S-Sensitive	Cismontane woodland, Lower montane coniferous forest, Meadow & seep, Valley & foothill grassland, Vernal pool, Wetland
Navarretia leucocephala ssp. pleantha	many-flowered navarretia	Dicots	PDPLM0C0E5	8	2	Endangered	Endangered	G4T1	S1	1B.2	SB_RSABG-Rancho Santa Ana Botanic Garden	Vernal pool, Wetland
Northern Hardpan Vernal Pool	Northern Hardpan Vernal Pool	Herbaceous	CTT44110CA	126	6	None	None	G3	S3.1	null	null	Vernal pool, Wetland
Northern Vernal Pool	Northern Vernal Pool	Herbaceous	CTT44100CA	20	2	None	None	G2	S2.1	null	null	Vernal pool, Wetland
Oncorhynchus kisutch	coho salmon - central California coast ESU	Fish	AFCHA02034	22	8	Endangered	Endangered	G4	S2?	null	AFS_EN-Endangered	Aquatic
Oncorhynchus mykiss irideus	steelhead - central California coast DPS	Fish	AFCHA0209G	39	2	Threatened	None	G5T2T3Q	S2S3	null	AFS_TH-Threatened	Aquatic, Sacramento/San Joaquin flowing waters
Pandion haliaetus	osprey	Birds	ABNKC01010	491	3	None	None	G5	S4	null	CDF_S-Sensitive, CDFW_WL-Watch List, IUCN_LC-Least Concern	Riparian forest
Pekania pennanti	fisher - West Coast DPS	Mammals	AMAJF01021	728	1	Proposed Threatened	Candidate Threatened	G5T2T3Q	S2S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, USFS_S-Sensitive	North coast coniferous forest, Oldgrowth, Riparian forest
Penstemon newberryi var. sonomensis	Sonoma beardtongue	Dicots	PDSCR1L483	11	2	None	None	G4T2	S2	1B.3	null	Chaparral
Pleuropogon hooverianus	North Coast semaphore grass	Monocots	PMPOA4Y070	26	1	None	Threatened	G2	S2	1B.1	BLM_S-Sensitive, SB_BerySB-Berry Seed Bank, SB_RSABG-Rancho Santa Ana Botanic Garden	Broadleaved upland forest, Meadow & seep, North coast coniferous forest, Wetland
Rana boylei	foothill yellow-legged frog	Amphibians	AAABH01050	879	18	None	None	G3	S3	null	BLM_S-Sensitive, CDFW_SSC-Species of Special Concern, IUCN_NT-Near	Aquatic, Chaparral, Cismontane woodland, Coastal scrub, Klamath/North coast flowing waters, Lower montane coniferous forest, Meadow

											Threatened, USFS_S-Sensitive	& seep, Riparian forest, Riparian woodland, Sacramento/San Joaquin flowing waters
Rana draytonii	California red-legged frog	Amphibians	AAABH01022	1407	1	Threatened	None	G2G3	S2S3	null	CDFW_SSC-Species of Special Concern, IUCN_VU-Vulnerable	Aquatic, Artificial flowing waters, Artificial standing waters, Freshwater marsh, Marsh & swamp, Riparian forest, Riparian scrub, Riparian woodland, Sacramento/San Joaquin flowing waters, Sacramento/San Joaquin standing waters, South coast flowing waters, South coast standing waters, Wetland
Rhynchospora alba	white beaked-rush	Monocots	PMCYP0N010	11	1	None	None	G5	S2	2B.2	null	Bog & fen, Marsh & swamp, Meadow & seep, Wetland
Rhynchospora californica	California beaked-rush	Monocots	PMCYP0N060	9	2	None	None	G1	S1	1B.1	BLM_S-Sensitive	Freshwater marsh, Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Wetland
Rhynchospora capitellata	brownish beaked-rush	Monocots	PMCYP0N080	19	2	None	None	G5	S1	2B.2	null	Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Upper montane coniferous forest, Wetland
Rhynchospora globularis	round-headed beaked-rush	Monocots	PMCYP0N0W0	2	2	None	None	G4	S1	2B.1	null	Freshwater marsh, Marsh & swamp, Wetland
Sidalcea oregana ssp. valida	Kenwood Marsh checkerbloom	Dicots	PDMAL110K5	2	1	Endangered	Endangered	G5T1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden, SB_UCBBG-UC Berkeley Botanical Garden	Freshwater marsh, Marsh & swamp, Wetland
Streptanthus brachiatus ssp. hoffmanii	Freed's jewelflower	Dicots	PDBRA2G071	13	7	None	None	G2T2	S2	1B.2	BLM_S-Sensitive	Chaparral, Cismontane woodland, Ultramafic
Stuckenia filiformis ssp. alpina	slender-leaved pondweed	Monocots	PM POT03091	21	1	None	None	G5T5	S3	2B.2	null	Marsh & swamp, Wetland
Stygobromus cherylae	Barr's amphipod	Crustaceans	ICMAL05D60	1	1	None	None	G1	S1	null	null	Aquatic
Syncaris pacifica	California freshwater shrimp	Crustaceans	ICMAL27010	18	4	Endangered	Endangered	G2	S2	null	IUCN_EN-Endangered	Aquatic, Sacramento/San Joaquin flowing waters
Taricha rivularis	red-bellied newt	Amphibians	AAAAF02020	136	13	None	None	G4	S2	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Broadleaved upland forest, North coast coniferous forest, Redwood, Riparian forest, Riparian woodland
												Alkali marsh, Alkali playa, Alpine, Alpine dwarf scrub, Bog & fen, Brackish marsh, Broadleaved upland forest, Chaparral, Chenopod scrub,

Taxidea taxus	American badger	Mammals	AMAJF04010	523	4	None	None	G5	S3	null	CDFW_SSC-Species of Special Concern, IUCN_LC-Least Concern	Cismontane woodland, Closed-cone coniferous forest, Coastal bluff scrub, Coastal dunes, Coastal prairie, Coastal scrub, Desert dunes, Desert wash, Freshwater marsh, Great Basin grassland, Great Basin scrub, Interior dunes, Lone formation, Joshua tree woodland, Limestone, Lower montane coniferous forest, Marsh & swamp, Meadow & seep, Mojavean desert scrub, Montane dwarf scrub, North coast coniferous forest, Oldgrowth, Pavement plain, Redwood, Riparian forest, Riparian scrub, Riparian woodland, Salt marsh, Sonoran desert scrub, Sonoran thorn woodland, Ultramafic, Upper montane coniferous forest, Upper Sonoran scrub, Valley & foothill grassland
Trachykele hartmani	serpentine cypress wood-boring beetle	Insects	IICOLX6010	3	1	None	None	G1	S1	null	null	null
Trifolium amoenum	two-fork clover	Dicots	PDFAB40040	26	5	Endangered	None	G1	S1	1B.1	SB_RSABG-Rancho Santa Ana Botanic Garden, SB_USDA-US Dept of Agriculture	Coastal bluff scrub, Ultramafic, Valley & foothill grassland
Trifolium hydrophilum	saline clover	Dicots	PDFAB400R5	49	4	None	None	G2	S2	1B.2	null	Marsh & swamp, Valley & foothill grassland, Vernal pool, Wetland
Triquetrella californica	coastal triquetrella	Bryophytes	NBMUS7S010	13	1	None	None	G2	S2	1B.2	USFS_S-Sensitive	Coastal bluff scrub, Coastal scrub
Usnea longissima	Methuselah's beard lichen	Lichens	NLLEC5P420	206	3	None	None	G4	S4	4.2	BLM_S-Sensitive	Broadleaved upland forest, North coast coniferous forest, Oldgrowth, Redwood
Valley Needlegrass Grassland	Valley Needlegrass Grassland	Herbaceous	CTT42110CA	45	1	None	None	G3	S3.1	null	null	Valley & foothill grassland
Viburnum ellipticum	oval-leaved viburnum	Dicots	PDCPR07080	38	4	None	None	G4G5	S3?	2B.3	null	Chaparral, Cismontane woodland, Lower montane coniferous forest

# CNPS *California Native Plant Society* Rare and Endangered Plant Inventory

## Plant List

99 matches found. [Click on scientific name for details](#)

### Search Criteria

Found in 9 Quads around 38122E7

Scientific Name	Common Name	Family	Lifeform	Rare Plant Rank	State Rank	Global Rank
<a href="#">Alopecurus aequalis var. sonomensis</a>	Sonoma alopecurus	Poaceae	perennial herb	1B.1	S1	G5T1
<a href="#">Amorpha californica var. napensis</a>	Napa false indigo	Fabaceae	perennial deciduous shrub	1B.2	S2	G4T2
<a href="#">Amsinckia lunaris</a>	bent-flowered fiddleneck	Boraginaceae	annual herb	1B.2	S2S3	G2G3
<a href="#">Anomobryum julaceum</a>	slender silver moss	Bryaceae	moss	4.2	S2	G5?
<a href="#">Arctostaphylos bakeri ssp. bakeri</a>	Baker's manzanita	Ericaceae	perennial evergreen shrub	1B.1	S1	G2T1
<a href="#">Arctostaphylos bakeri ssp. sublaevis</a>	The Cedars manzanita	Ericaceae	perennial evergreen shrub	1B.2	S2	G2T2
<a href="#">Arctostaphylos densiflora</a>	Vine Hill manzanita	Ericaceae	perennial evergreen shrub	1B.1	S1	G1
<a href="#">Arctostaphylos hispidula</a>	Howell's manzanita	Ericaceae	perennial evergreen shrub	4.2	S3	G4
<a href="#">Arctostaphylos manzanita ssp. elegans</a>	Konocti manzanita	Ericaceae	perennial evergreen shrub	1B.3	S3	G5T3
<a href="#">Arctostaphylos stanfordiana ssp. decumbens</a>	Rincon Ridge manzanita	Ericaceae	perennial evergreen shrub	1B.1	S1	G3T1
<a href="#">Asclepias solanoana</a>	serpentine milkweed	Apocynaceae	perennial herb	4.2	S3	G3
<a href="#">Astragalus breweri</a>	Brewer's milk-vetch	Fabaceae	annual herb	4.2	S3	G3
<a href="#">Astragalus claranus</a>	Clara Hunt's milk-vetch	Fabaceae	annual herb	1B.1	S1	G1
<a href="#">Astragalus clevelandii</a>	Cleveland's milk-vetch	Fabaceae	perennial herb	4.3	S4	G4
<a href="#">Astragalus rattanii var. jepsonianus</a>	Jepson's milk-vetch	Fabaceae	annual herb	1B.2	S3	G4T3
<a href="#">Balsamorhiza macrolepis</a>	big-scale balsamroot	Asteraceae	perennial herb	1B.2	S2	G2
<a href="#">Blennosperma bakeri</a>	Sonoma sunshine	Asteraceae	annual herb	1B.1	S1	G1
<a href="#">Brodiaea leptandra</a>	narrow-anthered brodiaea	Themidaceae	perennial bulbiferous herb	1B.2	S3?	G3?
<a href="#">Calamagrostis bolanderi</a>	Bolander's reed grass	Poaceae	perennial rhizomatous herb	4.2	S4	G4
<a href="#">Calamagrostis crassiglumis</a>	Thurber's reed grass	Poaceae	perennial rhizomatous herb	2B.1	S2	G3Q

<a href="#">Calochortus raichei</a>	The Cedars fairy-lantern	Liliaceae	perennial bulbiferous herb	1B.2	S2	G2
<a href="#">Calochortus uniflorus</a>	pink star-tulip	Liliaceae	perennial bulbiferous herb	4.2	S4	G4
<a href="#">Calystegia collina ssp. oxyphylla</a>	Mt. Saint Helena morning-glory	Convolvulaceae	perennial rhizomatous herb	4.2	S3	G4T3
<a href="#">Campanula californica</a>	swamp harebell	Campanulaceae	perennial rhizomatous herb	1B.2	S3	G3
<a href="#">Carex comosa</a>	bristly sedge	Cyperaceae	perennial rhizomatous herb	2B.1	S2	G5
<a href="#">Castilleja ambigua var. ambigua</a>	johnny-nip	Orobanchaceae	annual herb (hemiparasitic)	4.2	S4	G4T5
<a href="#">Castilleja uliginosa</a>	Pitkin Marsh paintbrush	Orobanchaceae	perennial herb (hemiparasitic)	1A	SX	GXQ
<a href="#">Ceanothus confusus</a>	Rincon Ridge ceanothus	Rhamnaceae	perennial evergreen shrub	1B.1	S1	G1
<a href="#">Ceanothus divergens</a>	Calistoga ceanothus	Rhamnaceae	perennial evergreen shrub	1B.2	S2	G2
<a href="#">Ceanothus foliosus var. vineatus</a>	Vine Hill ceanothus	Rhamnaceae	perennial evergreen shrub	1B.1	S1	G3T1
<a href="#">Ceanothus gloriosus var. exaltatus</a>	glory brush	Rhamnaceae	perennial evergreen shrub	4.3	S4	G4T4
<a href="#">Ceanothus purpureus</a>	holly-leaved ceanothus	Rhamnaceae	perennial evergreen shrub	1B.2	S2	G2
<a href="#">Centromadia parryi ssp. parryi</a>	pappose tarplant	Asteraceae	annual herb	1B.2	S2	G3T2
<a href="#">Chorizanthe valida</a>	Sonoma spineflower	Polygonaceae	annual herb	1B.1	S1	G1
<a href="#">Clarkia imbricata</a>	Vine Hill clarkia	Onagraceae	annual herb	1B.1	S1	G1
<a href="#">Cordylanthus tenuis ssp. brunneus</a>	serpentine bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	4.3	S3	G4G5T3
<a href="#">Cordylanthus tenuis ssp. capillaris</a>	Pennell's bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	1B.2	S1	G4G5T1
<a href="#">Cryptantha dissita</a>	serpentine cryptantha	Boraginaceae	annual herb	1B.2	S2	G2
<a href="#">Cuscuta obtusiflora var. glandulosa</a>	Peruvian dodder	Convolvulaceae	annual vine (parasitic)	2B.2	SH	G5T4T5
<a href="#">Cypripedium montanum</a>	mountain lady's-slipper	Orchidaceae	perennial rhizomatous herb	4.2	S4	G4
<a href="#">Delphinium bakeri</a>	Baker's larkspur	Ranunculaceae	perennial herb	1B.1	S1	G1
<a href="#">Delphinium luteum</a>	golden larkspur	Ranunculaceae	perennial herb	1B.1	S1	G1
<a href="#">Delphinium uliginosum</a>	swamp larkspur	Ranunculaceae	perennial herb	4.2	S3	G3
<a href="#">Downingia pusilla</a>	dwarf downingia	Campanulaceae	annual herb	2B.2	S2	GU
<a href="#">Erigeron biolettii</a>	streamside daisy	Asteraceae	perennial herb	3	S3?	G3?
<a href="#">Erigeron greenei</a>	Greene's narrow-leaved daisy	Asteraceae	perennial herb	1B.2	S3	G3
<a href="#">Erigeron serpentinus</a>	serpentine daisy	Asteraceae	perennial herb	1B.3	S2	G2
<a href="#">Eriogonum nervulosum</a>	Snow Mountain buckwheat	Polygonaceae	perennial rhizomatous herb	1B.2	S2	G2
<a href="#">Eriophorum gracile</a>	slender cottongrass	Cyperaceae	perennial rhizomatous herb	4.3	S4	G5

<a href="#">Erythronium helenae</a>	St. Helena fawn lily	Liliaceae	perennial bulbiferous herb	4.2	S3	G3
<a href="#">Fritillaria liliacea</a>	fragrant fritillary	Liliaceae	perennial bulbiferous herb	1B.2	S2	G2
<a href="#">Gilia capitata ssp. tomentosa</a>	woolly-headed gilia	Polemoniaceae	annual herb	1B.1	S1	G5T1
<a href="#">Gratiola heterosepala</a>	Boggs Lake hedge-hyssop	Plantaginaceae	annual herb	1B.2	S2	G2
<a href="#">Harmonia nutans</a>	nodding harmonia	Asteraceae	annual herb	4.3	S3	G3
<a href="#">Hemizonia congesta ssp. congesta</a>	congested-headed hayfield tarplant	Asteraceae	annual herb	1B.2	S1S2	G5T1T2
<a href="#">Hesperervax caulescens</a>	hogwallow starfish	Asteraceae	annual herb	4.2	S3	G3
<a href="#">Hesperolinon bicarpellatum</a>	two-carpellate western flax	Linaceae	annual herb	1B.2	S3	G3
<a href="#">Horkelia tenuiloba</a>	thin-lobed horkelia	Rosaceae	perennial herb	1B.2	S2	G2
<a href="#">Hosackia gracilis</a>	harlequin lotus	Fabaceae	perennial rhizomatous herb	4.2	S3	G4
<a href="#">Iris longipetala</a>	coast iris	Iridaceae	perennial rhizomatous herb	4.2	S3	G3
<a href="#">Kopsiopsis hookeri</a>	small groundcone	Orobanchaceae	perennial rhizomatous herb (parasitic)	2B.3	S1S2	G4?
<a href="#">Lasthenia burkei</a>	Burke's goldfields	Asteraceae	annual herb	1B.1	S1	G1
<a href="#">Lasthenia californica ssp. bakeri</a>	Baker's goldfields	Asteraceae	perennial herb	1B.2	S1	G3T1
<a href="#">Layia septentrionalis</a>	Colusa layia	Asteraceae	annual herb	1B.2	S2	G2
<a href="#">Legenere limosa</a>	legenere	Campanulaceae	annual herb	1B.1	S2	G2
<a href="#">Leptosiphon jepsonii</a>	Jepson's leptosiphon	Polemoniaceae	annual herb	1B.2	S3	G3
<a href="#">Lessingia arachnoidea</a>	Crystal Springs lessingia	Asteraceae	annual herb	1B.2	S2	G2
<a href="#">Lessingia hololeuca</a>	woolly-headed lessingia	Asteraceae	annual herb	3	S3?	G3?
<a href="#">Lilium pardalinum ssp. pitkinense</a>	Pitkin Marsh lily	Liliaceae	perennial bulbiferous herb	1B.1	S1	G5T1
<a href="#">Lilium rubescens</a>	redwood lily	Liliaceae	perennial bulbiferous herb	4.2	S3	G3
<a href="#">Limnanthes vinculans</a>	Sebastopol meadowfoam	Limnanthaceae	annual herb	1B.1	S1	G1
<a href="#">Lomatium repostum</a>	Napa lomatium	Apiaceae	perennial herb	4.3	S3	G3
<a href="#">Lupinus sericatus</a>	Cobb Mountain lupine	Fabaceae	perennial herb	1B.2	S2	G2
<a href="#">Micropus amphibolus</a>	Mt. Diablo cottonweed	Asteraceae	annual herb	3.2	S3S4	G3G4
<a href="#">Microseris paludosa</a>	marsh microseris	Asteraceae	perennial herb	1B.2	S2	G2
<a href="#">Monardella viridis</a>	green monardella	Lamiaceae	perennial rhizomatous herb	4.3	S4	G4
<a href="#">Navarretia cotulifolia</a>	cotula navarretia	Polemoniaceae	annual herb	4.2	S4	G4
<a href="#">Navarretia leucocephala ssp. bakeri</a>	Baker's navarretia	Polemoniaceae	annual herb	1B.1	S2	G4T2
<a href="#">Navarretia leucocephala ssp. plieantha</a>	many-flowered navarretia	Polemoniaceae	annual herb	1B.2	S1	G4T1

<a href="#">Orobanche valida ssp. howellii</a>	Howell's broomrape	Orobanchaceae	perennial herb (parasitic)	4.3	S4	G4T4
<a href="#">Penstemon newberryi var. sonomensis</a>	Sonoma beardtongue	Plantaginaceae	perennial herb	1B.3	S2	G4T2
<a href="#">Perideridia gairdneri ssp. gairdneri</a>	Gairdner's yampah	Apiaceae	perennial herb	4.2	S4	G5T4
<a href="#">Pleuropogon hooverianus</a>	North Coast semaphore grass	Poaceae	perennial rhizomatous herb	1B.1	S2	G2
<a href="#">Ranunculus lobbii</a>	Lobb's aquatic buttercup	Ranunculaceae	annual herb	4.2	S3	G4
<a href="#">Rhynchospora alba</a>	white beaked-rush	Cyperaceae	perennial rhizomatous herb	2B.2	S2	G5
<a href="#">Rhynchospora californica</a>	California beaked-rush	Cyperaceae	perennial rhizomatous herb	1B.1	S1	G1
<a href="#">Rhynchospora capitellata</a>	brownish beaked-rush	Cyperaceae	perennial herb	2B.2	S1	G5
<a href="#">Rhynchospora globularis</a>	round-headed beaked-rush	Cyperaceae	perennial rhizomatous herb	2B.1	S1	G4
<a href="#">Sidalcea oregana ssp. valida</a>	Kenwood Marsh checkerbloom	Malvaceae	perennial rhizomatous herb	1B.1	S1	G5T1
<a href="#">Streptanthus brachiatus ssp. hoffmanii</a>	Freed's jewelflower	Brassicaceae	perennial herb	1B.2	S2	G2T2
<a href="#">Streptanthus hesperidis</a>	green jewelflower	Brassicaceae	annual herb	1B.2	S2	G2
<a href="#">Streptanthus morrisonii ssp. elatus</a>	Three Peaks jewelflower	Brassicaceae	perennial herb	1B.2	S2	G2T2
<a href="#">Streptanthus morrisonii ssp. kruckebergii</a>	Kruckeberg's jewelflower	Brassicaceae	perennial herb	1B.2	S1	G2T1
<a href="#">Stuckenia filiformis ssp. alpina</a>	slender-leaved pondweed	Potamogetonaceae	perennial rhizomatous herb	2B.2	S3	G5T5
<a href="#">Trifolium amoenum</a>	two-fork clover	Fabaceae	annual herb	1B.1	S1	G1
<a href="#">Trifolium hydrophilum</a>	saline clover	Fabaceae	annual herb	1B.2	S2	G2
<a href="#">Triquetrella californica</a>	coastal triquetrella	Pottiaceae	moss	1B.2	S2	G2
<a href="#">Usnea longissima</a>	Methuselah's beard lichen	Parmeliaceae	fruticose lichen (epiphytic)	4.2	S4	G4
<a href="#">Viburnum ellipticum</a>	oval-leaved viburnum	Adoxaceae	perennial deciduous shrub	2B.3	S3?	G4G5

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