

Appendix B

**Special-Status Plants Occurring in Riparian,
Freshwater Marsh, and Vegetated Lacustrine Habitats**

Appendix B. Special-Status Plants Occurring in Riparian, Freshwater Marsh, and Vegetated Lacustrine Habitats

COMMON NAME SCIENTIFIC NAME	STATUS ¹ (FED/STAT E/CNPS)	GENERAL HABITAT DESCRIPTION ²	BLOOMING PERIOD
<i>Federal or State Listed Species</i>			
Sonoma alopecurus <i>Alopecurus aequalis</i> var. <i>sonomensis</i>	E/-/1B	Perennial herb in the grass family (Poaceae). Grows in marshes, swamps, and riparian scrub from 5-365 meters in elevation.	May – July
White sedge <i>Carex albida</i>	E/E/1B	Perennial herb in the sedge family (Cyperaceae). Grows in sphagnum bogs, marshes, and swamps at elevations up to 15-90 meters.	May – July
Pitkin Marsh Indian paintbrush <i>Castilleja uliginosa</i>	--/E/1A	Perennial hemiparasitic herb in the figwort family (Scrophulariaceae). Grows in marshes and swamps at 60 meters in elevation.	June – July
Soft bird's beak <i>Cordylanthus mollis</i> ssp. <i>mollis</i>	E/R/1B	Annual herb in the figwort family (Scrophulariaceae). Grows in coastal salt marshes at elevations up to 3 meters.	July – November
Geyser's dichantherium <i>Dichantherium lanuginosum</i> var. <i>thermale</i>	-/E/1B	Perennial herb in the grass family (Poaceae). Grows in closed-cone coniferous forest, riparian forest, and valley and foothill grassland at elevations 305-825 meters.	June – August
Water howellii <i>Howellia aquatilis</i>	T/-/2	Annual aquatic herb in the bellflower family (Campanulaceae). Grows in marsh and swamps at 1,085-1,290 meters in elevation.	June
Western lily <i>Lilium occidentale</i>	E/E/1B	Bulbiferous herb in the lily family (Liliaceae). Grows in bogs and fens, coastal scrub, coastal prairie, marshes and swamps, and North Coast coniferous forest at elevations up to 185 meters.	June – July
Pitkin Marsh lily <i>Lilium pardalinum</i> ssp. <i>pitkinense</i>	E/E/1B	Perennial herb in the lily family (Liliaceae). Grows in marshes, valley oak, and scrub from 35-60 meters in elevation.	June – July
Hickman's cinquefoil <i>Potentilla cinquefoil</i>	E/E/1B	Perennial herb in the rose family (Rosaceae). Grows in coastal bluff scrub, closed-cone coniferous forest, meadows and seeps, and marshes and swamps at 10-135 meters.	April – August

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Kenwood marsh checkermallow <i>Sidalcea oregana</i> ssp. <i>valida</i>	E/E/1B	Perennial herb in the mallow family (Malvaceae). Grows in marshes and swamps at 115-150 meters in elevation.	June – September
<i>Other Special-Status Species</i>			
Narrow-leaved water-plantain <i>Alisma gramineum</i>	--/--/2	Rhizomatous aquatic herb in the water plantain family (Alismataceae). Grows in marshes and swamps at elevations of 390-1,800 meters.	June – August
Suisun Marsh aster <i>Aster lentus</i>	--/--/1B	Rhizomatous herb in the sunflower family (Asteraceae). Grows in marshes and swamps at elevations of up to 3 meters.	May – November
Coastal marsh milk-vetch <i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i>	--/--/1B	Perennial herb in the legume family (Fabaceae). Grows in coastal dunes, coastal scrub, marshes, and swamps up to 30 meters in elevation.	April – October
Bensoniella <i>Bensoniella oregona</i>	--/R/1B	Perennial herb in the Saxafragaceae family. Grows in bogs, fens, lower montane coniferous forests, meadows, and seeps at elevations of 945-1,400 meters.	May – July
Small groundcone <i>Boschniakia hookeri</i>	--/--/2	Perennial herb in the Saxafragaceae family. Grows in bogs, fens, lower montane coniferous forest, meadows, and seeps at elevations of 945-1,400 meters.	May – July
Rattlesnake fern <i>Botrychium virginianum</i>	--/--/2	Perennial herb in the Ophioglossaceae family. Grows in bogs, fens, lower montane coniferous forest, meadows, seeps, and riparian forest at elevations of 730-1,300 meters.	June – September
Thurber's reed grass <i>Calamagrostis crassiglumis</i>	--/--/2	Rhizomatous herb in the grass family (Poaceae). Grows in coastal scrub, marshes, and swamps at elevations of 10-45 meters.	May – July
Swamp harebell <i>Campanula californica</i>	--/--/1B	Rhizomatous herb in the bellflower family (Campanulaceae). Grows in bogs, fens, closed-cone coniferous forest, coastal prairie, meadows, seeps, marshes, swamps, and North Coast coniferous forest at elevations of up to 405 meters.	June – October

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Northern clustered sedge <i>Carex arcta</i>	--/--/2	Perennial herb in the sedge family (Cyperaceae). Grows in bogs, fens, and North Coast coniferous forest at elevations of 60-1,400 meters.	June – September
California sedge <i>Carex californica</i>	--/--/1B	Rhizomatous herb in the sedge family (Cyperaceae). Grows in bogs, fens, closed-cone coniferous forest, coastal prairie, meadows, seeps, marshes, and swamps at elevations of 90-335 meters.	May – August
Bristly sedge <i>Carex comosa</i>	--/--/2	Rhizomatous herb in the sedge family (Cyperaceae). Grows in coastal prairie, marshes, swamps, and valley and foothill grassland at elevations up to 625 meters.	May – September
Lakeshore sedge <i>Carex lenticularis</i> var. <i>limnophila</i>	--/--/2	Perennial herb in the sedge family (Cyperaceae). Grows in bogs, fens, marshes, swamps, and North Coast coniferous forest at elevations of up to 6 meters.	June – August
Flaccid sedge <i>Carex leptalea</i>	--/--/2	Rhizomatous herb in the sedge family (Cyperaceae). Grows in bogs, fens, meadows, seeps, marshes, and swamps at elevations of up to 700 meters.	March – July
Livid sedge <i>Carex livida</i>	--/--/1A	Rhizomatous herb in the sedge family (Cyperaceae). Grows in bogs and fens at 0 meters in elevation.	June
Lyngbye's sedge <i>Carex lyngbyei</i>	--/--/2	Rhizomatous herb in the sedge family (Cyperaceae). Grows in marshes and swamps at elevations of up to 10 meters.	May – August
Pappose tarplant <i>Centromadia parryi</i> ssp. <i>parryi</i>	--/--/1B	Annual herb in the sunflower family (Asteraceae). Grows in chaparral, coastal prairie, meadows, seeps, marshes,	
Point Reyes bird's-beak <i>Cordylanthus maritimus</i> spp. <i>palustris</i>	--/--/1B	Annual hemiparasitic herb in the figwort family (Scrophulariaceae). Grows in marshes and swamps at elevations of up to 10 meters.	June – October
Western leatherwood <i>Dirca occidentalis</i>	--/--/1B	Deciduous shrub in the Thymelaeaceae family. Grows in broadleaved upland forest, closed-cone coniferous forest, chaparral, cismontane woodland, North Coast coniferous forest, riparian forest, and riparian woodland at elevations of 50-395 meters	January – March

COMMON NAME SCIENTIFIC NAME	STATUS ¹ (FED/STATE/CNPS)	GENERAL HABITAT DESCRIPTION ²	BLOOMING PERIOD
Oregon fireweed <i>Epilobium oreganum</i>	--/--/1B	Perennial herb in the evening primrose family (Onagraceae). Bogs, fens, and lower and upper montane coniferous forest at elevations of 500-2,240 meters.	June – September
Coast fawn lily <i>Erythronium revolutum</i>	--/--/2	Bulbiferous herb in the lily family (Liliaceae). Grows in bogs, fens, broadleafed forest, and North Coast coniferous forest at elevations of up to 1,325 meters.	March – July
American manna grass <i>Glyceria grandis</i>	--/--/2	Rhizomatous herb in the grass family (Poaceae). Grows in bogs, fens, meadows, seeps, marshes, and swamps at elevations of 15-1,980 meters.	June – August
Guggolz's harmonia <i>Harmonia guggolziorum</i>	--/--/2	Rhizomatous herb in the grass family (Poaceae). Grows in bogs, fens, meadows, seeps, marshes, and swamps at elevations of 15-1,980 meters.	June – August
Diablo helianthella <i>Helianthella castanea</i>	--/--/1B	Perennial herb in the sunflower family (Asteraceae). Grows in broadleafed upland forest, chaparral, cismontane woodland, coastal scrub, riparian woodland, and valley and foothill grassland at elevations of 60-1,300 meters.	March – June
California globe mallow <i>Iliamna latibracteata</i>	--/--/1B	Perennial herb in the Malvaceae family. Grows in chaparral, lower montane coniferous forest, North Coast coniferous forest, and riparian scrub at elevations of 60-2,000 meters.	June – August
Northern California black walnut <i>Juglans hindsii</i>	--/--/1B	Deciduous tree in the walnut family (Juglandaceae). Grows in riparian forest and riparian woodland at elevations of up to 440 meters.	April – May
Hair-leaved rush <i>Juncus supiniformis</i>	--/--/2	Rhizomatous herb in the rush family (Juncaceae). Bogs, fens, marshes, and swamps at elevations of 20-100 meters.	April – May
Baker's goldfields <i>Lasthenia macrantha</i> ssp. <i>bakeri</i>	--/--/1B	Perennial herb in the sunflower family (Asteraceae). Grows in closed-cone coniferous forest, coastal scrub, meadows, seeps, marshes, and swamps at 60-520 meters in elevation.	April – October
Delta tule pea <i>Lathyrus jepsonii</i> var. <i>jepsonii</i>	--/--/1B	Perennial herb in the legume family (Fabaceae). Grows in marshes and swamps at elevations of up to 4 meters.	May – July

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Marsh pea <i>Lathyrus palustris</i>	--/--/2	Perennial herb in the legume family (Fabaceae). Grows in bogs, fens, coastal prairie, coastal scrub, lower montane coniferous forest, marshes, swamps, North Coast coniferous forest.	March – August
Mason's lilaepsis <i>Lilaeopsis masonii</i>	--/R/1B	Rhizomatous herb in the Apiaceae family. Grows in marshes, swamps, and riparian scrub at elevations of up to 10 meters.	April – November
Baker's meadowfoam <i>Limnanthes bakeri</i>	--/R/1B	Annual herb in the meadowfoam family (Limnanthaceae). Grows in meadows, seeps, marshes, swamps, vernal pools, and valley and foothill grassland at elevations of 175-910 meters.	April – May
Bog club-moss <i>Lycopodiella inundata</i>	--/--/2	Rhizomatous herb in the Lycopodiaceae family. Grows in bogs and fens, lower montane coniferous forests, and marshes and swamps at 5-1,000 meters in elevation.	September
Running-pine <i>Lycopodium clavatum</i>	--/--/2	Grows in lower montane coniferous forest, marshes and swamps, and North Coast coniferous forest at elevations of 45-1,225 meters.	June – August
Three-ranked hump-moss <i>Meesia triquetra</i>	--/--/2	Moss in the Meesiaceae family. Grows in bogs and fens, meadows and seeps, subalpine coniferous forest, and upper montane coniferous forest at 1,300-2,953 meters in elevation.	N/A
Northern microseris <i>Microseris borealis</i>	--/--/2	Perennial herb in the sunflower family (Asteraceae). Grows in bogs and fens, lower montane coniferous forest, and meadows and seeps at 1,000-2,000 meters in elevation.	June – September
Northern adder's-tongue <i>Ophioglossum pusillum</i>	--/--/2	Rhizomatous herb in the Ophioglossaceae family. Grows in marshes, swamps, and valley and foothill grassland at elevations of 1,000-2,000 meters.	July
Horned butterwort <i>Pinguicula vulgaris</i> ssp. <i>macroceras</i>	--/--/2	Perennial carnivorous herb in the bladderwort family (Lentibulariaceae). Grows in bogs and fens at elevations of 40-1,920 meters.	April - June

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Hairless popcorn-flower <i>Plagiobothrys glaber</i>	--/--/1A	Annual herb in the borage family (Boraginaceae). Grows in meadows, seeps, marshes, and swamps at 15-180 meters in elevation.	March – May
Nuttall's pondweed <i>Potamogeton epihydrus</i> ssp. <i>nuttalli</i>	--/--/2	Rhizomatous herb in the Potamogetonaceae family. Grows in marshes and swamps at 369-1,900 meters in elevation.	July – August.
Dwarf alkali grass <i>Puccinellia pumila</i>	--/--/2	Perennial herb in the grass family (Poaceae). Grows in marshes and swamps up to 10 meters in elevation.	July
White-beaked-rush <i>Rhynchospora alba</i>	--/--/1B	Grows in bogs, fens, marshes, seeps, meadows, and swamps at 60-2,040 meters in elevation.	July – August
California beaked-rush <i>Rhynchospora californica</i>	--/--/1B	Rhizomatous herb in the cypress family. Grows in bogs, fens, meadows, seeps, marshes, swamps, and lower montane coniferous forest at 45-1,010 meters in elevation.	May – July
Brownish beaked-rush <i>Rhynchospora capitellata</i>	--/--/2	Perennial herb in the sedge family (Cyperaceae). Grows in meadows, seeps, marshes, swamps, and lower and upper montane coniferous forest at 455-2,000 meters in elevation.	July – August
Round-headed beaked-rush <i>Rhynchospora globularis</i> var. <i>globularis</i>	--/--/2	Rhizomatous herb in the sedge family (Cyperaceae). Grows in marshes and swamps at 45-60 meters in elevation.	July – August
Great burnet <i>Sanguisorba officinalis</i>	--/--/2	Rhizomatous herb in the rose family (Rosaceae). Grows in bogs, fens, broadleafed upland forest, meadows, seeps, marshes, swamps, North Coast coniferous forest, and riparian forest at elevations of 60-1,400 meters.	July – October
Water bulrush <i>Scirpus subterminalis</i>	--/--/2	Rhizomatous herb in the sedge family (Cyperaceae). Grows in bogs, fens, marshes, and swamps at elevations of 750-2,250 meters.	July – August
Point Reyes checkerbloom <i>Sidalcea calycosa</i> ssp. <i>rhizomata</i>	--/--/1B	Rhizomatous herb in the Malvaceae family. Grows in marshes and seeps at elevations of 3-75 meters.	April – September

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Marsh checkerbloom <i>Sidalcea oregana</i> ssp. <i>hydrophila</i>	--/--/1B	Perennial herb in the Malvaceae family. Grows in meadows, seeps, and riparian forest at elevations of 1,100-2,300 meters.	July – August
Western sand-spurrey <i>Spergularia canadensis</i> var. <i>occidentalis</i>	--/--/2	Annual herb in the carnation family (Caryophyllaceae). Grows in marshes and swamps at elevations up to 3 meters.	June – August
Saline clover <i>Trifolium depauperatum</i> var. <i>hydrophilum</i>	--/--/1B	Annual herb in the legume family (Fabaceae). Grows in marshes, swamps, vernal pools, and valley and foothill grasslands at elevations of up to 300 meters.	April – June
Marsh violet <i>Viola palustris</i>	--/--/2	Rhizomatous herb in the violet family (Violaceae). Grows in bogs, fens, and coastal scrub at elevations of up to 150 meters.	March – August

1 Status Codes:

Federal and State Codes: E = Endangered; T = Threatened

CNPS Codes:

1B = Rare, threatened, or endangered in CA and elsewhere

1A = Presumed extinct

2 = Rare, threatened, or endangered in CA but common elsewhere

2 Habitat descriptions excerpted from CNPS Inventory of Rare and Endangered Plants (2006)

