

Terms Used for Federal Status Plants

Description of terms used for federal status plants

FEDERAL LIST

FE = endangered

FT = threatened

PE = federally proposed endangered

PT = federally proposed threatened

C2 = threat &/or distribution data are insufficient to support federal listing

C3c = too widespread &/or not threatened

STATE LIST

CE = endangered

CR = rare

CT = threatened

CNPS LIST

1B = plants rare, threatened, or endangered in California and elsewhere

2 = plants rare, threatened, or endangered in California, but are more common elsewhere

3 = plants which lack sufficient data to move them to another list

4 = plants with limited distribution, and currently with low vulnerability and threat to their existence- a watch list

QUADRANGLE CODES

| | | | | |
|-------------------------|--------------------|--------------------|---------------------|--------------------|
| 608A Onion Butte | 592A Stirling City | 577C Llano Seco | 562D Moulton Weir | 560C Gridley |
| 608C Devil's Parade Gro | 592B Cohasset | 577D Nelson | 561A West of Biggs | 546A Colusa |
| 608D Butte Meadows | 592C Paradise West | 576A Cherokee | 561B Butte City | 545A Sutter Buttes |
| 607B Humboldt Peak | 592D Paradise East | 576B Hamlin Canyon | 561C Sanborn Slough | |
| 607C Jonesville | 577A Chico | 576C Shippee | 561D Pennington | |
| 607D Belden | 577B Ord Ferry | 576D Oroville | 560B Biggs | |

Botanical Resources of the Butte Creek Watershed

| <i>Scientific name</i> | Legal | Habitat in Butte county | Distribution in the United States | Occurrence |
|--|--------------------|--|--|--|
| Common name | Fed/State/ CNPS | | | |
| <i>Astragalus tener</i> var. <i>ferrisiae</i> | C2/--/1B | freshwater marsh; 100 ft. | Current range is limited to Butte county | Butte sink wildlife area; 560B, 561A, 561B |
| Ferris's milk-vetch | | | | |
| <i>Atriplex cordulata</i> | C2/--/B1 | freshwater marsh; 100 ft. | Alameda, Butte, Fresno, Glenn, King, Kern, Madera, Merced, Solano, Tulare and Yolo counties | Dry alkaline flats at Gray Lodge; 546A, 562D |
| Brittlescale | | | | |
| <i>Atriplex miniscula</i> | --/CEQA/1B | freshwater marsh; 100 ft. | Butte, Kern, and Madera | A single location on an alkaline flat at Gray Lodge |
| Lesser saltscale | | | | |
| <i>Azolla mexicana</i> | --/CEQA/4 | freshwater marsh and swamp; 100 ft. | Butte, Kern, Lake, Modesto, Plumas, Santa Clara, San Diego, and Tulare counties. Nevada, Arizona and Oregon states | Irrigation ditch in Llano Seco's southwestern corner, roadside ditch at the Rice Experiment Station near Biggs |
| Mexican mosquito fern | | | | |
| <i>Botrychium ascendens</i> | C2/--/2 | coniferous forests; 5000-6000 ft. | Butte, El Dorado, and Tehama counties, Nevada and Oregon | Jones and Willow Creeks near Jonesville; 607B, 607C |
| Unswept moonwort | | | | |
| <i>Botrychium crenulatum</i> | C2/--/1B | boggy areas and marshes; drier places in mountain meadows; 5,000-6,000 ft. | Butte, Los Angeles, San Bernadino, Tehama, and Tulare counties ; 607B, 607C; Idaho, Oregon, and Utah states | Meadow bordering Willow Creek near Jonesville |
| Scalloped moonwort | | | | |
| <i>Calystegia atriplicifolia</i> | C2/--/3 | Dry mostly open slopes in pine forests; 2400-3200 ft. | Butte county | Between Magalia and Lovelock; 592D |
| Butte county morning glory | | | | |
| <i>Cardamine pachystigma</i> var. <i>dissectifolia</i> | --/CEQA/3 | serpentine outcrops or non-serpentine soils in coniferous forests | Butte, Mendocino, Placer, and Sonoma counties | Butte Creek Canyon (De Sabla) SE to Forbestown Reservoir; 592A, 592B |
| Dissected-leaf toothwort | | | | |
| <i>Carex geyseri</i> | --/CEQA/4 | coniferous forest; 5100 ft. | Butte, Humboldt, Plumas, Sierra, and Siskiyou counties, state of Oregon | Memorial spring on Humbug Road |
| Geyer's sedge | | | | |

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| Common name | Fed/State/ CNPS | | | |
| <i>Carex limosa</i> | --/--/2 | restricted to boggy meadows in coniferous forests 4,700-5,800 ft. | Butte, El Dorado, and Plumas counties, Nevada | Near Cherry Hill |
| <i>Carex vulpinoidea</i> | --/--/2 | marsh and riparian woodland; 100 ft. | Butte, Shasta, Siskiyou, and Trinity counties; Arizona and Oregon states. | May be widespread around the head of the Sacramento Valley; 577B |
| Fox sedge | | | | |
| <i>Chamaesyce hooveri</i> | PT/--/1B | Dry vernal pools; 200 ft. | Butte, Glenn, Shasta, Tehama, and Tulare counties | 576B |
| Hoover's spurge | | | | |
| <i>Clarkia gracilis</i> spp. <i>albicaulis</i> | --/--/1B | foothills and lower coniferous forest; openings on dry bushy slopes; 800-2,000 ft. | Butte county | 592B, 592C, 592D, 576A |
| White-stemmed clarkia | | | | |
| <i>Eleocharis parvula</i> | --/CEQA/4 | freshwater marsh and riparian woodland; 100-300 ft. | Butte, Contra Costa, Humboldt, Napa, Orange, San Luis Obispo and Sonoma counties | Drying ponds at Gray Lodge |
| Small. spike rush | | | | |
| <i>Eleocharis quadrangulata</i> | --/--/2 | in shallow water or drying beds of ponds; margins of freshwater marsh; 100-300 ft. | Butte, Merced, and Tehama counties | Single dredge pond in the Butte Creek Canyon Ecological Reserve |
| Square-stemmed spike rush | | | | |
| <i>Frittilaria eastwoodiae</i> | C2/--/1B | foothill and lower coniferous forests on brushy slopes and road cuts; 500-3,300 ft. | Butte, Shasta, Tehama, and Yuba counties | 576A, 576B, 577A, 592A, |
| Butte county frittilaria | | | | 592B, 592C, 592D |
| <i>Hibiscus lasiocarpus</i> | --/CEQA/2 | freshwater marsh and foothill woodland; 100-400 ft. | Butte, Contra Costa, Colusa, Glenn, Sacramento, San Joaquin, Solano, Sutter and Yolo counties | Butte Sink Wildlife Area, Llano Seco, Butte Community College, and BCER; 561A, 561B, 561C, 561D, 576B, 576C, 577B, 577C, 577D |
| Rose mallow | | | | |
| <i>Juncas leiospermus</i> var. <i>leiospermus</i> | --/--/1B | vernally moist seepages and edges of vernal pools on Loyejoy basalt tableland; 200-2,000 ft. | Butte, Shasta, and Tehama counties | Tehama county line southward to north Table Mountain, 576A, 576D, 592B |
| Red Bluff dwarf rush | | | | |
| <i>Scientific name</i> | Legal | Habitat in Butte county | Distribution in the United States | Occurrence |
| Common name | Fed/State/ CNPS | | | |
| <i>Limnanthes floccosa</i> spp. <i>californica</i> | FE/CE/1B | Bottom of vernal moist pools and drainages | Butte | 577A |

Botanical Resources of the Butte Creek Watershed

| | | | | |
|---|------------|---|---|--|
| Butte County Meadowfoam | | | | |
| <i>Monardella douglasii</i> spp. <i>venosa</i> | C2/--/1B | clay soils in valley grassland; 200-300 ft. | Butte county | 576B |
| Verny monardella | | | | |
| <i>Navaretia heterandra</i> | --/--/4 | valley grassland, foothill grassland, vernal pools | Butte, Colusa, Lake, Shasta, Tehama, Trinity, and Yuba counties, Oregon | Potential |
| Tehama navaterritia | | | | |
| <i>Navaretia sunlingera</i> | --/--/4 | foothills - in open chaparral with Tuscan volcanics | Amador, Butte, Del Norte, Lake, Mendocino, Modoc, Shasta, and Tehama counties | Potential |
| awl-leaved navaretia | | | | |
| <i>Orcuttia pilosa</i> | PE/CE/1B | vernal pools | Butte, Glenn, Madera, Merced, Stanislaus, and Tehama counties; 576B | 576B |
| hairy Orcutt grass | | | | |
| <i>Penstemon personatus</i> | C2/--/1B | coniferous forests; 3500-6200 ft. | Butte and Plumas counties | 592A |
| closed-throated beardtongue | | | | |
| <i>Polystichum kruckenbergii</i> | C3/--/4 | coniferous forests; 7000 ft | Alpine, Butte, Plumas, San Bernadino, Shasta, Sierra, Siskyou, and Tuolumne counties; Oregon and Idaho states | 607B ?? |
| Kruckenberg's holy fern | | | | |
| <i>Rupertia hallii</i> | --/CEQA/1B | Disturbed soils of roadsides and logged areas in coniferous forest; 2900-4500 ft. | Butte and Tehama counties | 608C, 608D |
| Hall's rupertia | | | | |
| <i>Rhynshospora californica</i> | C2/--/1B | Freshwater seeps and open marshy areas; 400-1500 ft. | Butte, Mariposa, Marin, and Sonoma counties | Lower Butte Creek Canyon, Honeyrun Rd.; 592C |
| California beak-rush | | | | |
| <i>Scirpus subterminalis</i> | --/CEQA/2 | Montane lake margins | Butte, Del Norte, Eldorado, Humboldt, Plumas, and Tehama counties; Idaho and Oregon states | 607C |
| water bullrush | | | | |
| <i>Senecio eurycephalus</i> var <i>lewisrosei</i> | --/--/1B | steep slopes and in canyons on serpentine soils; 900-3,100 ft. | Butte, Lassen?, Plumas | 592A, 592D, 607D |
| Cut-leaved ragwort | | | | |

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|----------------------------|--------------------|---|--|---|
| Common name | Fed/State/ CNPS | | | |
| <i>Sidelcea robusta</i> | C2/--/1B | Rocky and brush covered slopes on Tuscan formation mudflow; 300-1,200 ft. | Butte county endemic | 576A, 576B, 577A, 592B, 592C |
| Butte County Checkerbloom | | | | |
| <i>Silene occidentalis</i> | C2/--/3 | chaparral and lower coniferous forests; 4600-5100 ft. | Butte, Plumas, Shasta, and Tehama counties | Cherry Hill east of Jonesville;607C, 608D |
| Long-stiped catchfly | | | | |
| <i>Tuctoria greenei</i> | PE/CR/1B | Bottom of drying vernal pools; 100-200 ft. | Butte, Merced, Shasta, and Tehama counties | Esquon Lake and largest Richvale pool; 560B, 576B |
| Green's tuctoria | | | | |