

**CNPS Inventory of Rare and Endangered Plants of
California**

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PLANT DETAIL

Classification

Scientific Name	<i>Puccinellia simplex</i> Scribn.
Common Name	California alkali grass
Family	Poaceae
Element Code Name	PMPOA53110
USDA Plants Symbol	PUSI
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	added to 1B.2 on 2015-10-15
Date Added	10/15/2015
Last Change	6/8/2022

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-May
Elevation: m (ft)	2-930 (5-3050)
General Habitat	Chenopod scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools
General MicroHabitat	sinks
Micro Habitat	Alkaline, Flats, Lake Margins, Vernally Mesic

Element Occurrence Data from California Natural Diversity Database

Total Element Occurrences	80
Element Occurrence Ranks	
Excellent (A)	4
Good (B)	3
Fair (C)	2
Poor (D)	0
None (X)	15

Unknown (U)	56
Occurrence Status	
Historical, > 20 years	58
Recent, < 20 years	22
Presence	
Presumed Extant	65
Possibly Extirpated	10
Presumed Extirpated	5

Location

CA Endemic No

Counties

Alameda (ALA), Butte (BUT), Colusa (COL), Contra Costa (CCA), Fresno (FRE), Glenn (GLE), Kern (KRN), Kings (KNG)*, Lake (LAK), Los Angeles (LAX), Madera (MAD), Merced (MER), Napa (NAP), San Bernardino (SBD), San Luis Obispo (SLO), Santa Clara (SCL), Santa Cruz (SCR), Solano (SOL), Stanislaus (STA), Tulare (TUL), Yolo (YOL)

States

California (CA), Utah (UT)

Quads

Altamont (3712166), Arbuttle (3912211), Arena (3712036), Bonita Ranch (3612082), Byron Hot Springs (3712176), Cairns Corner (3611922), Calistoga (3812255), Chittenden (3612185), Cholame Valley (3512073), Clifton Court Forebay (3712175), Colusa (3912221), Crevison Peak (3712122), Crows Landing (3712141), Davis (3812156), Denverton (3812128), Dozier (3812137), Eldorado Bend (3812177), Elmira (3812138), Fairfield South (3812221), Firebaugh NE (3612083), Goshen (3611934), Gravelly Ford (3612072), Grays Bend (3812166), Guernsey (3611926), Hanford (3611936), Hatch (3712048), Helm (3612051)*, Jamesan (3612062), Kerman (3612061)*, La Costa Valley (3712157), Lake Isabella North (3511864), Lake Isabella South (3511854), Logandale (3912242), Lokern (3511945), Los Banos (3712017), Los Banos Valley (3612181), Lost Hills (3511956), Lost Hills NE (3511965), Lucerne Valley (3411648), Madison (3812168), Merritt (3812157)*, Milpitas (3712148), Monson (3611943), Mud Hills (3511711), Ortigalita Peak NW (3612088), Pennington (3912137), Plainsburg (3712023), Redman (3411778), Remnoy (3611935)*, Reward (3511936), Ripon (3712162), Riverdale (3611947), Rosamond Lake (3411871), Saxon (3812146)*, Stonyford (3912245), Stratford (3611927), Tassajara (3712177), Taylor Weir (3611914), Traver (3611944), Weed Patch (3511828)*, West Elk Hills (3511935), Westley (3712152), Wilbur Springs (3912214), Williams (3912222), Woodland (3812167)*

Notes

Definitions of codes preceding a county and/or quad:

* Presumed extirpated

(*) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

General Notes

Threatened by hydrological alterations, urbanization, agricultural conversion, development, and

habitat fragmentation, disturbance, alteration, and loss; resulting in extirpation of some occurrences. Potentially threatened by solar energy development. Possibly threatened by grazing and proximity to roads. Similar to *P. parishii*. See *Circular, United States Department of Agriculture, Division of Agrostology* 16:1 (1899) for original description.

Distribution

Threats

Taxonomy

Other

References