

Report for *Puccinellia simplex*

TAXON DETAILS



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Classification

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

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	added to 1B.2 on 2015-10-15
Date Added	2015-10-15
Last Update	2024-03-06

Ecology and Life History

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

Threat List Data from the CNDDDB

Threat List Total:		11
	Total EOs	Percent EOs
EOs with Threats Listed	32	40%
Threat List:		
Agriculture	20	25%
Development	15	18%
Altered flood/tidal/hydrologic regime	6	7%
Other	6	7%
Recreational use (non-ORV)	1	1%
Road/trail construction/maint.	1	1%
Dam/Inundation	1	1%
Foot traffic/trampling	1	1%
Landfill	1	1%
Mining	1	1%
Non-native plant impacts	1	1%

Element Occurrence Data from the CNDDDB

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	61
Recent, < 20 years	19
Presence	
Presumed Extant	65
Possibly Extirpated	10
Presumed Extirpated	5

Location

California Endemic	No
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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), Arbuckle (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), 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.

Notes

See *Circular, United States Department of Agriculture, Division of Agrostology* 16:1 (1899) for original description.

Threats

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.

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Selected References

CNPS Status Review: CRPR List Addition on 2015-10-15

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 20 May 2024].