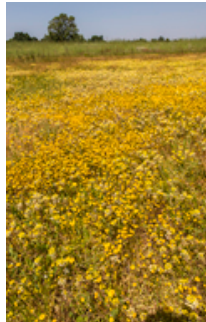


Report for *Lasthenia burkei*

TAXON DETAILS



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California Academy of Sciences



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Classification

Scientific Name	<i>Lasthenia burkei</i> (Greene) Greene
Common Name	Burke's goldfields
Family	Asteraceae
Element Code	PDAST5L010
USDA Plants Symbol	<u>LABU</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (09/01/79)
FESA	12/02/91 (12/02/91)
Other Status	SB_CaIBG/RSABG; SB_UCBG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-01-05

Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun
Elevation m (ft)	15-600 (50-1970)
General Habitats	Meadows and seeps (mesic), Vernal pools
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		17
	Total EOs	Percent EOs
EOs with Threats Listed	30	83%
Threat List:		
Development	21	58%
Agriculture	19	52%
Grazing	16	44%
Non-native plant impacts	10	27%
Disking	6	16%
ORV activity	5	13%
Foot traffic/trampling	5	13%
Road/trail construction/maint.	4	11%
Other	4	11%
Surface water diversion	2	5%
Vandalism/dumping/litter	1	2%
Improper burning regime	1	2%
Pollution	1	2%
Recreational use (non-ORV)	1	2%
Erosion/runoff	1	2%
Altered flood/tidal/hydrologic regime	1	2%
Degraded water quality	1	2%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	36
Element Occurrence Ranks:	
Excellent (A)	3
Good (B)	14
Fair (C)	8
Poor (D)	3
None (X)	4
Unknown (U)	4
Occurrence Status	
Historical, > 20 years	12
Recent, < 20 years	24
Presence	
Presumed Extant	32
Possibly Extirpated	1
Presumed Extirpated	3

Location

California Endemic	Yes
Counties	
Lake (LAK), Mendocino (MEN), Napa (NAP), Sonoma (SON)	

States

California (CA)

Quads

Calistoga (3812255), Clearlake Highlands (3812286), Cotati (3812236), Healdsburg (3812257), Jintown (3812267), Kelseyville (3812287), Lower Lake (3812285), Middletown (3812275), Santa Rosa (3812246), Sebastopol (3812247), Ukiah (3912322)

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

Threatened by agriculture, urbanization, development, grazing, road widening, road maintenance, and non-native plants. See *Bulletin of the California Academy of Sciences* 2(6):151 (1887) for original description, and *American Journal of Botany* 56(9):1042-1047 (1969) for information on origin and relationships.

Threats

Taxonomy

Selected References

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 17 May 2024].