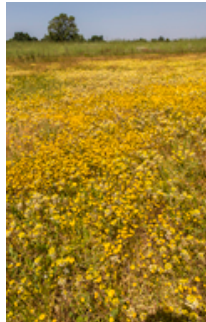


## Report for *Lasthenia burkei*

### 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

<b>Threat List Total:</b>		17
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>30</b>	<b>83%</b>
<b>Threat List:</b>		
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

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

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Lake (LAK), Mendocino (MEN), Napa (NAP), Sonoma (SON)	

## **States**

California (CA)

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## **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)

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## **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**

## **Taxononmy**

## **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 8 May 2024].