

## Report for *Eriastrum luteum*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Eriastrum luteum</i> (Benth.) Mason
Common Name	yellow-flowered eriastrum
Family	Polemoniaceae
Element Code	PDPLM03080
USDA Plants Symbol	<u>ERLU3</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; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-12-09

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Jun
Elevation m (ft)	290-1000 (950-3280)
General Habitats	Broadleafed upland forest, Chaparral, Cismontane woodland
Microhabitat Details	
Microhabitat	Gravelly (sometimes), Sandy (sometimes)

**Threat List Data from the CNDDB**

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>16</b>	<b>47%</b>
<b>Threat List:</b>		
Other	6	17%
Road/trail construction/maint.	3	8%
Wood cutting or brush clearing	3	8%
Development	3	8%
ORV activity	3	8%
Grazing	2	5%
Military operations	2	5%
Mining	1	2%
Non-native plant impacts	1	2%
Dam/Inundation	1	2%
Erosion/runoff	1	2%

**Element Occurrence Data from the CNDDB**

<b>Total Element Occurrences:</b>	34
<b>Element Occurrence Ranks:</b>	
Excellent (A)	5
Good (B)	4
Fair (C)	3
Poor (D)	0
None (X)	1
Unknown (U)	21
<b>Occurrence Status</b>	
Historical, > 20 years	21
Recent, < 20 years	13
<b>Presence</b>	
Presumed Extant	33
Possibly Extirpated	0
Presumed Extirpated	1

**Location**

**California Endemic** Yes

**Counties**

Monterey (MNT), San Luis Obispo (SLO)

**States**

California (CA)

**Quads**

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Adelaida (3512067), Alder Peak (3512183), Atascadero (3512046), Bear Canyon (3612113), Bryson (3512171), Burnett Peak (3512172), Hames Valley (3512088), Jolon (3512182), Lime Mountain (3512068), Pebblestone Shut-in (3512161), Santa Margarita (3512045), Santa Margarita Lake (3512034), Templeton (3512056), Tierra Redonda Mountain (3512078), Williams Hill (3512181), Wilson Corner (3512044)

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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 vehicles and grazing. Possibly threatened by development. See *Madroño* 8:81 (1945) for revised nomenclature.

## **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 13 November 2024].