

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

Threat List Total:		11
	Total EOs	Percent EOs
EOs with Threats Listed	16	47%
Threat List:		
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

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

Location

California Endemic Yes

Counties

Monterey (MNT), San Luis Obispo (SLO)

States

California (CA)

Quads

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)

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 14 December 2024].