

## Report for *Eriastrum brandegeeeae*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Eriastrum brandegeeeae</i> H. Mason
Common Name	Brandegee's eriastrum
Family	Polemoniaceae
Element Code	PDPLM030H0
USDA Plants Symbol	<u>ERBR3</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1Q
State Rank	S1
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	changed from 1B.2 to 1B.1 on 2012-08-23
Date Added	1974-01-01
Last Update	2021-12-09

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Aug
Elevation m (ft)	425-840 (1395-2755)
General Habitats	Chaparral, Cismontane woodland
Microhabitat Details	
Microhabitat	Sandy, Volcanic

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		5
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>4</b>	<b>67%</b>
<b>Threat List:</b>		
Development	3	50%
Non-native plant impacts	1	16%
ORV activity	1	16%
Road/trail construction/maint.	1	16%
Vandalism/dumping/litter	1	16%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	6
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	1
Fair (C)	2
Poor (D)	0
None (X)	0
Unknown (U)	2
<b>Occurrence Status</b>	
Historical, > 20 years	3
Recent, < 20 years	3
<b>Presence</b>	
Presumed Extant	6
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Lake (LAK)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Clearlake Highlands (3812286), Kelseyville (3812287), The Geysers (3812277)	

### **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**

Most reliable occurrence is at and near type locality near Borax Lake, which may include the only true representatives of this taxon. Plants from COL, GLE, THE, and southern SHA cos. may be attributable to *E. brandegeeeae*, *E. tracyi* or undescribed taxa; needs study. Seriously threatened at its type locality by development. Also threatened by grazing, competition, recreational activities, vehicles, and road maintenance. Includes *E. tracyi* in *TJM* (1993); does not include *E. tracyi* here. See *Madroño* 8(3):88-89 (1945) for original description, and *Madroño* 55(1):82-87 (2008) for additional taxonomic information.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** CRPR List Change on 2012-08-23

## **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].