

## Report for *Brodiaea matsonii*

### TAXON DETAILS



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### Classification

**Scientific Name**  
**Common Name**  
**Family**  
**Element Code**  
**USDA Plants Symbol**  
**Synonyms/Other Names**

*Brodiaea matsonii* R.E. Preston  
Sulphur Creek brodiaea  
Themidaceae  
PMLILOC0H0  
BRMA7

### Conservation Status

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G1
<b>State Rank</b>	S1
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	BLM_S; SB_BerrySB
<b>CRPR Changes</b>	added to 1B.1 on 2011-07-12
<b>Date Added</b>	2011-07-12
<b>Last Update</b>	2023-06-06

### Ecology and Life History

<b>Lifeform</b>	perennial bulbiferous herb
<b>Blooming Period</b>	May-Jun
<b>Elevation m (ft)</b>	195-220 (640-720)
<b>General Habitats</b>	Cismontane woodland (streambanks), Meadows and seeps
<b>Microhabitat Details</b>	metamorphic amphibolite schist
<b>Microhabitat</b>	Rocky

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		9
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>2</b>	<b>100%</b>
<b>Threat List:</b>		
Other	2	100%
Development	2	100%
Foot traffic/trampling	1	50%
Non-native plant impacts	1	50%
Altered flood/tidal/hydrologic regime	1	50%
Over-collecting/poaching	1	50%
Surface water diversion	1	50%
Vandalism/dumping/litter	1	50%
Wood cutting or brush clearing	1	50%

**Element Occurrence Data from the CNDDDB**

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

**Location**

<b>California Endemic</b>	Yes
<b>Counties</b>	
Shasta (SHA)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Redding (4012254)	

**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**

Known from fewer than five occurrences in the vicinity of Sulphur Creek. Potentially threatened by powerline maintenance, foot traffic, and horticultural collecting. Possibly threatened by development and non-native plants. Similar to *B. minor*, *B. nana*, and *B. pallida*. Not in *The Jepson Manual* (1993) and *TJM 2*. See *Madroño* 57(4):261-267 (2010) for original description.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** Proposed Addition to CRPR 1B.1, G1 / S1 (2011)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 21 May 2024].