

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
PMLIL0C0H0
BRMA7

Conservation Status

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

Ecology and Life History

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

Threat List Data from the CNDDDB

Threat List Total:		9
	Total EOs	Percent EOs
EOs with Threats Listed	2	100%
Threat List:		
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

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

Location

California Endemic	Yes
Counties	
Shasta (SHA)	
States	
California (CA)	
Quads	
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

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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].