

Report for *Streptanthus brachiatus* ssp. *brachiatus***TAXON DETAILS****Classification**

Scientific Name	<i>Streptanthus brachiatus</i> F.W. Hoffm. ssp. <i>brachiatus</i>
Common Name	Socrates Mine jewelflower
Family	Brassicaceae
Element Code	PDBRA2G072
USDA Plants Symbol	<u>STBRB</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2T1
State Rank	S1
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	
Date Added	1980-01-01
Last Update	2022-06-08

Ecology and Life History

Lifeform	perennial herb
Blooming Period	May-Jun
Elevation m (ft)	545-1000 (1790-3280)
General Habitats	Chaparral, Closed-cone coniferous forest
Microhabitat Details	
Microhabitat	Serpentine (usually)

Threat List Data from the CNDDDB

Threat List Total:		4
	Total EOs	Percent EOs
EOs with Threats Listed	4	40%
Threat List:		
Mining	3	30%
Road/trail construction/maint.	2	20%
Development	1	10%
ORV activity	1	10%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	10
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	3
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	6
Occurrence Status	
Historical, > 20 years	8
Recent, < 20 years	2
Presence	
Presumed Extant	10
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Lake (LAK), Napa (NAP), Sonoma (SON)	
States	
California (CA)	
Quads	
Detert Reservoir (3812265), The Geysers (3812277), Whispering Pines (3812276)	

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 ten occurrences. Plants from LAK Co. (517B, 533C) are more appropriately assigned to *S. brachiatus* ssp. *hoffmanii*. Possibly threatened by alteration of fire regimes. See *Madroño* 36(1):36 (1989) 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 17 May 2024].