

## 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

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

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	Yes
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### **Counties**

Lake (LAK), Napa (NAP), Sonoma (SON)
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### **States**

California (CA)
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### **Quads**

Detert Reservoir (3812265), The Geysers (3812277), Whispering Pines (3812276)
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### **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 29 April 2024].