

## Report for *Streptanthus callistus*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Streptanthus callistus</i> Morrison
Common Name	Mt. Hamilton jewelflower
Family	Brassicaceae
Element Code	PDBRA2G0A0
USDA Plants Symbol	<u>STCA3</u>
Synonyms/Other Names	

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G1
State Rank	S1
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 1B.3 to 1B.2 on 2024-01-19
Date Added	1974-01-01
Last Update	2024-03-06

### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-May
Elevation m (ft)	600-790 (1970-2590)
General Habitats	Chaparral, Cismontane woodland
Microhabitat Details	
Microhabitat	

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		3
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>2</b>	<b>50%</b>
<b>Threat List:</b>		
Non-native plant impacts	2	50%
Road/trail construction/maint.	1	25%
Erosion/runoff	1	25%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	4
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	2
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	1
<b>Occurrence Status</b>	
Historical, > 20 years	0
Recent, < 20 years	4
<b>Presence</b>	
Presumed Extant	4
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Santa Clara (SCL)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Isabel Valley (3712135), Mt. Sizer (3712125)	

#### **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 only from the Mt. Hamilton Range. Possibly threatened by erosion and road construction and maintenance. See *Madroño* 4(7):205 (1938) for original description.

## **Threats**

## **Taxononmy**

## **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].