

## Report for *Chorizanthe breweri*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Chorizanthe breweri</i> Wats.
Common Name	Brewer's spineflower
Family	Polygonaceae
Element Code	PDPGN04050
USDA Plants Symbol	<u>CHBR2</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	1B.3
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S; SB_SBBG; USFS_S
CRPR Changes	
Date Added	1980-01-01
Last Update	2022-12-06

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Aug
Elevation m (ft)	45-800 (150-2625)
General Habitats	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Coastal scrub
Microhabitat Details	
Microhabitat	Gravelly (sometimes), Rocky (sometimes), Serpentine

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		14
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>22</b>	<b>49%</b>
<b>Threat List:</b>		
Grazing	7	15%
Improper burning regime	6	13%
Military operations	6	13%
Feral pigs	6	13%
Foot traffic/trampling	6	13%
Non-native plant impacts	6	13%
Other	4	8%
Road/trail construction/maint.	4	8%
Development	3	6%
Erosion/runoff	3	6%
Mining	1	2%
Vandalism/dumping/litter	1	2%
Recreational use (non-ORV)	1	2%
ORV activity	1	2%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	45
<b>Element Occurrence Ranks:</b>	
Excellent (A)	9
Good (B)	8
Fair (C)	3
Poor (D)	0
None (X)	0
Unknown (U)	25
<b>Occurrence Status</b>	
Historical, > 20 years	27
Recent, < 20 years	18
<b>Presence</b>	
Presumed Extant	45
Possibly Extirpated	0
Presumed Extirpated	0

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Monterey (MNT), San Luis Obispo (SLO)	
<b>States</b>	
California (CA)	

## **Quads**

Arroyo Grande NE (3512025), Atascadero (3512046), Burro Mountain (3512173), Lopez Mtn. (3512035), Morro Bay South (3512037), Pismo Beach (3512026), Port San Luis (3512027), San Luis Obispo (3512036), Santa Margarita (3512045), Santa Margarita Lake (3512034)

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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**

Threatened by pipeline construction. Possibly threatened by road construction, road maintenance, and vehicles. Closely related to *C. staticoides*. See *Proceedings of the American Academy of Arts and Sciences* 12:270 (1877) for original description, and *Phytologia* 66(2):163-164 (1989) for taxonomic treatment.

## **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 29 April 2024].