

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

Threat List Total:		14
	Total EOs	Percent EOs
EOs with Threats Listed	22	49%
Threat List:		
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

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

Location

California Endemic	Yes
Counties	
Monterey (MNT), San Luis Obispo (SLO)	
States	
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)

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

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