

Report for *Chorizanthe howellii*

TAXON DETAILS

Classification

Scientific Name	<i>Chorizanthe howellii</i> Goodm.
Common Name	Howell's spineflower
Family	Polygonaceae
Element Code	PDPGN040C0
USDA Plants Symbol	<u>CHHO2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G1
State Rank	S1
CESA	CT (01/01/87)
FESA	06/22/92 (06/22/92)
Other Status	
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-11-05

Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Jul
Elevation m (ft)	0-45 (0-150)
General Habitats	Coastal dunes, Coastal prairie, Coastal scrub
Microhabitat Details	
Microhabitat	Disturbed areas (often), Sandy

Threat List Data from the CNDDDB

Threat List Total:		8
	Total EOs	Percent EOs
EOs with Threats Listed	8	89%
Threat List:		
Foot traffic/trampling	5	55%
Other	5	55%
Recreational use (non-ORV)	4	44%
Non-native plant impacts	3	33%
Development	2	22%
Road/trail construction/maint.	2	22%
Erosion/runoff	1	11%
ORV activity	1	11%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	9
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	6
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	3
Occurrence Status	
Historical, > 20 years	3
Recent, < 20 years	6
Presence	
Presumed Extant	9
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Mendocino (MEN)	
States	
California (CA)	
Quads	
Fort Bragg (3912347), Inglenook (3912357), Mendocino (3912337)	

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 north of Ft. Bragg. Threatened by development, foot traffic, recreational activities, vehicles, and non-native plants. Potentially threatened by trail construction. Closely related to *C. pungens*. See *Annals of the Missouri Botanical Garden* 21:44 (1934) for original description, and *Phytologia* 66(2):131-132 (1989) for taxonomic treatment.

Threats

Taxononmy

Selected References

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California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 27 April 2024].