

Report for *Chorizanthe valida*

TAXON DETAILS

Classification

Scientific Name	<i>Chorizanthe valida</i> Wats.
Common Name	Sonoma spineflower
Family	Polygonaceae
Element Code	PDPGN040V0
USDA Plants Symbol	<u>CHVA</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (01/01/90)
FESA	06/22/92 (06/22/92)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	annual herb
Blooming Period	Jun-Aug
Elevation m (ft)	10-305 (35-1000)
General Habitats	Coastal prairie (sandy)
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDB

Threat List Total:		4
	Total EOs	Percent EOs
EOs with Threats Listed	3	50%
Threat List:		
Grazing	3	50%
Other	2	33%
Road/trail construction/maint.	1	16%
Non-native plant impacts	1	16%

Element Occurrence Data from the CNDDB

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

Location

California Endemic	Yes
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Counties

Marin (MRN), Sonoma (SON)*

States

California (CA)

Quads

Arched Rock (3812342), Drakes Bay (3812218), Fort Ross (3812352)*, Petaluma (3812226)?*, Petaluma River (3812225), Plantation (3812353), Sebastopol (3812247)*
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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

Thought extinct for 77 years; only known extant occurrence was rediscovered in 1980 at Pt. Reyes NS. Experimental introduction work ongoing as of 2000. Closely related to *C. pungens*. See *Proceedings of the American Academy of Arts and Sciences* 12:271 (1877) for original description, *Phytologia* 66(2):132-134 (1989) for taxonomic treatment, *Fremontia* 18(1):17-18 (1990) for species account, and *Madroño* 39(4):271-280 (1992) and 40(4):285-288 (1993) for discussion of grazing effects.

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 3 July 2024].