

## 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 CNDDDB

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

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Marin (MRN), Sonoma (SON)*	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Arched Rock (3812342), Drakes Bay (3812218), Fort Ross (3812352)*, Petaluma (3812226)*, Petaluma River (3812225), Plantation (3812353), Sebastopol (3812247)*	

### **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 14 May 2024].