

## Report for *Chorizanthe pungens* var. *pungens*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Chorizanthe pungens</i> Benth. var. <i>pungens</i>
Common Name	Monterey spineflower
Family	Polygonaceae
Element Code	PDPGN040M2
USDA Plants Symbol	<u>CHPUP3</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2T2
State Rank	S2
CESA	None
FESA	02/04/94 (02/04/94)
Other Status	BLM_S; SB_SBBG; SB_UCBG
CRPR Changes	
Date Added	1980-01-01
Last Update	2023-12-05

#### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun(Jul-Aug)
Elevation m (ft)	3-450 (10-1475)
General Habitats	Chaparral (maritime), Cismontane woodland, Coastal dunes, Coastal scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Sandy

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>29</b>	<b>57%</b>
<b>Threat List:</b>		
Development	15	29%
Other	12	23%
Non-native plant impacts	11	21%
ORV activity	5	9%
Foot traffic/trampling	5	9%
Agriculture	3	5%
Road/trail construction/maint.	3	5%
Erosion/runoff	2	3%
Biocides	1	1%
Improper burning regime	1	1%
Mining	1	1%
Wood cutting or brush clearing	1	1%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	51
<b>Element Occurrence Ranks:</b>	
Excellent (A)	6
Good (B)	12
Fair (C)	6
Poor (D)	2
None (X)	3
Unknown (U)	22
<b>Occurrence Status</b>	
Historical, > 20 years	23
Recent, < 20 years	28
<b>Presence</b>	
Presumed Extant	48
Possibly Extirpated	2
Presumed Extirpated	1

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Monterey (MNT), San Luis Obispo (SLO)*, Santa Cruz (SCR)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Espinosa Canyon (3612111), Laurel (3712118), Loma Prieta (3712117), Marina (3612167), Monterey (3612158), Moss Landing (3612177), Prunedale (3612176), Salinas (3612166), San Ardo (3612018), San Juan Bautista (3612175), San Lucas (3612121), San Simeon (3512162)\*, Seaside (3612157), Soledad (3612143), Spreckels (3612156), Watsonville East (3612186), Watsonville West (3612187)

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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**

Collected in SLO Co. only once (1842). See *Phytologia* 66(2):123-125 (1989) for taxonomic treatment, and *Fremontia* 24(4):8-11 (1996) for taxonomic discussion.

## **Threats**

Threatened by foot traffic, urbanization, recreational development and activities, agriculture, military activities, and non-native plants. Possibly threatened by road construction.

## **Taxonomy**

Threatened by foot traffic, urbanization, recreational development and activities, agriculture, military activities, and non-native plants. Possibly threatened by road construction.

## **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 30 June 2024].