

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

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	29	57%
Threat List:		
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

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

Location

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

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)

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.

Taxononmy

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Selected References

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