

## Report for *Calystegia subacaulis* ssp. *episcopalis*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Calystegia subacaulis</i> Hook. & Arn. ssp. <i>episcopalis</i> Brummitt
Common Name	Cambria morning-glory
Family	Convolvulaceae
Element Code	PDCON040J1
USDA Plants Symbol	<u>CASUE</u>
Synonyms/Other Names	

#### Conservation Status

California Rare Plant Rank	4.2
Global Rank	G3T2?
State Rank	S2?
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 1B.2 to 4.2 on 2011-06-29
Date Added	1988-01-01
Last Update	2023-06-06

#### Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	(Mar)Apr-Jun(Jul)
Elevation m (ft)	30-500 (100-1640)
General Habitats	Chaparral, Cismontane woodland, Coastal prairie, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Clay (usually)

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>22</b>	<b>88%</b>
<b>Threat List:</b>		
Grazing	12	48%
Development	11	44%
Non-native plant impacts	11	44%
Military operations	9	36%
Feral pigs	8	32%
Improper burning regime	7	28%
Other	6	24%
Recreational use (non-ORV)	1	4%
Road/trail construction/maint.	1	4%
Foot traffic/trampling	1	4%
Erosion/runoff	1	4%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	25
<b>Element Occurrence Ranks:</b>	
Excellent (A)	3
Good (B)	5
Fair (C)	12
Poor (D)	1
None (X)	0
Unknown (U)	4
<b>Occurrence Status</b>	
Historical, > 20 years	21
Recent, < 20 years	4
<b>Presence</b>	
Presumed Extant	25
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** Yes

**Counties**

San Luis Obispo (SLO)

**States**

California (CA)

**Quads**

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Arroyo Grande NE (3512025), Cambria (3512151), Cayucos (3512048), Lopez Mtn. (3512035), Morro Bay North (3512047), Morro Bay South (3512037), Nipomo (3512014), Pico Creek (3512152), Piedras Blancas (3512163), Pismo Beach (3512026), Port San Luis (3512027), San Luis Obispo (3512036)

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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**

Threatened by development. Possibly threatened by alteration of fire regimes, feral pigs, grazing, mining, trampling, military activities, non-native plants, vehicles, and pipeline construction. Potentially threatened by foot traffic. Intergrades with *C. collina* ssp. *venusta*. See *Kew Bulletin* 35(2):327 (1980) for original description.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** Proposed List change from List 1B.2 to List 4.2 (2011)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 17 July 2024].