

## Report for *Holocarpha macradenia*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Holocarpha macradenia</i> (DC.) Greene
Common Name	Santa Cruz tarplant
Family	Asteraceae
Element Code	PDAST4X020
USDA Plants Symbol	<u>HOMA</u>
Synonyms/Other Names	

### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (09/01/79)
FESA	03/20/00 (03/20/00)
Other Status	SB_CaIBG/RSABG; SB_UCBG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-01-05

### Ecology and Life History

Lifeform	annual herb
Blooming Period	Jun-Oct
Elevation m (ft)	10-220 (35-720)
General Habitats	Coastal prairie, Coastal scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Clay (often), Sandy

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		10
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>29</b>	<b>78%</b>
<b>Threat List:</b>		
Development	19	51%
Grazing	12	32%
Non-native plant impacts	11	29%
Other	4	10%
Foot traffic/trampling	4	10%
Road/trail construction/maint.	3	8%
Recreational use (non-ORV)	2	5%
ORV activity	2	5%
Mining	1	2%
Agriculture	1	2%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	37
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	4
Fair (C)	8
Poor (D)	5
None (X)	16
Unknown (U)	3
<b>Occurrence Status</b>	
Historical, > 20 years	29
Recent, < 20 years	8
<b>Presence</b>	
Presumed Extant	21
Possibly Extirpated	8
Presumed Extirpated	8

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Alameda (ALA)*, Contra Costa (CCA)*, Marin (MRN)*, Monterey (MNT), Santa Cruz (SCR)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Briones Valley (3712282), Felton (3712211), Hayward (3712261)\*, Laurel (3712118), Oakland West (3712273)\*, Prunedale (3612176), Richmond (3712283)\*, San Rafael (3712285)\*, Santa Cruz (3612281), Soquel (3612188), 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**

All extant CCA Co. occurrences (465B, 466A) are introduced; nearly half have failed. Last remaining natural population in the S.F. Bay Area extirpated by development in 1993. Seriously threatened by urbanization, agriculture, non-native plants, and lack of appropriate ecological disturbance. See *Fremontia* 5(4):15-16 (1978) for species account.

## **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 17 May 2024].