

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

| | | |
|--------------------------------|------------------|--------------------|
| Threat List Total: | | 10 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 29 | 78% |
| Threat List: | | |
| 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

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

Location

| | |
|---|-----|
| California Endemic | Yes |
| Counties | |
| Alameda (ALA)*, Contra Costa (CCA)*, Marin (MRN)*, Monterey (MNT), Santa Cruz (SCR) | |
| States | |
| California (CA) | |
| Quads | |

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)

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 12 May 2024].