

Report for *Chloropyron palmatum*

TAXON DETAILS

Classification

| | |
|----------------------|---|
| Scientific Name | <i>Chloropyron palmatum</i> (Ferris) Tank & J.M Egger |
| Common Name | palmate-bracted bird's-beak |
| Family | Orobanchaceae |
| Element Code | PDSCR0J0J0 |
| USDA Plants Symbol | |
| Synonyms/Other Names | <u><i>Cordylanthus palmatus</i></u> |

Conservation Status

| | |
|----------------------------|---------------------|
| California Rare Plant Rank | 1B.1 |
| Global Rank | G1 |
| State Rank | S1 |
| CESA | CE (05/01/84) |
| FESA | 07/01/86 (07/01/86) |
| Other Status | SB_CalBG/RSABG |
| CRPR Changes | |
| Date Added | 1974-01-01 |
| Last Update | 2021-10-04 |

Ecology and Life History

| | |
|----------------------|---|
| Lifeform | annual herb (hemiparasitic) |
| Blooming Period | May-Oct |
| Elevation m (ft) | 5-155 (15-510) |
| General Habitats | Chenopod scrub, Valley and foothill grassland |
| Microhabitat Details | |
| Microhabitat | Alkaline |

Threat List Data from the CNDDDB

| | | |
|---------------------------------------|------------------|--------------------|
| Threat List Total: | | 13 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 15 | 60% |
| Threat List: | | |
| Grazing | 7 | 28% |
| Non-native plant impacts | 6 | 24% |
| Agriculture | 6 | 24% |
| Disking | 6 | 24% |
| ORV activity | 4 | 16% |
| Development | 3 | 12% |
| Road/trail construction/maint. | 2 | 8% |
| Vandalism/dumping/litter | 2 | 8% |
| Foot traffic/trampling | 2 | 8% |
| Altered flood/tidal/hydrologic regime | 2 | 8% |
| Biocides | 2 | 8% |
| Other | 1 | 4% |
| Improper burning regime | 1 | 4% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|----|
| Total Element Occurrences: | 25 |
| Element Occurrence Ranks: | |
| Excellent (A) | 1 |
| Good (B) | 11 |
| Fair (C) | 3 |
| Poor (D) | 1 |
| None (X) | 8 |
| Unknown (U) | 1 |
| Occurrence Status | |
| Historical, > 20 years | 12 |
| Recent, < 20 years | 13 |
| Presence | |
| Presumed Extant | 17 |
| Possibly Extirpated | 5 |
| Presumed Extirpated | 3 |

Location

California Endemic Yes

Counties

Alameda (ALA), Colusa (COL), Fresno (FRE), Glenn (GLE), Madera (MAD), San Joaquin (SJQ)*, Yolo (YOL)

States

California (CA)

Quads

Altamont (3712166), Arbuckle (3912211), Colusa (3912221), Dunnigan (3812188), Firebaugh NE (3612083)*, Grays Bend (3812166), Grimes (3912118), Kerman (3612061)*, Livermore (3712167), Logandale (3912242), Moulton Weir (3912231), Poso Farm (3612084), Stockton West (3712183)*, Tranquillity (3612063), Wildwood School (3812281)

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

Plants in GLE Co. are introduced (562B). Threatened by agriculture, urbanization, vehicles, altered hydrology, grazing, and development. Conservation research ongoing. See *Bulletin of the Torrey Botanical Club* 45:399-423 (1918) for original description, *Fremontia* 17(1):20-23 (1989) for information on Springtown Alkali Sink occurrence (ALA Co.), and *Environmental Management* 17:115-127 (1993) for population biology.

Threats

Taxonomy

Selected References

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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].