Report for *Chloropyron palmatum*

TAXON DETAILS

Classification

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

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 CNDDB

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 CNDDB

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

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Selected References

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