

Report for *Harpagonella palmeri*

TAXON DETAILS



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Classification

Scientific Name	<i>Harpagonella palmeri</i> Gray
Common Name	Palmer's grapplinghook
Family	Boraginaceae
Element Code	PDBOR0H010
USDA Plants Symbol	<u>HAPA7</u>
Synonyms/Other Names	<u><i>Pectocarya palmeri</i></u>

Conservation Status

California Rare Plant Rank	4.2
Global Rank	G4
State Rank	S3
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; SB_CRES
CRPR Changes	
Date Added	1980-01-01
Last Update	2022-01-05

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-May
Elevation m (ft)	20-955 (65-3135)
General Habitats	Chaparral, Coastal scrub, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Clay, Openings

Threat List Data from the CNDDDB

Threat List Total:		12
	Total EOs	Percent EOs
EOs with Threats Listed	41	72%
Threat List:		
Development	32	56%
Road/trail construction/maint.	8	14%
Agriculture	5	8%
Non-native plant impacts	4	7%
Grazing	3	5%
Recreational use (non-ORV)	3	5%
Mining	2	3%
ORV activity	2	3%
Foot traffic/trampling	2	3%
Disking	1	1%
Military operations	1	1%
Surface water diversion	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	57
Element Occurrence Ranks:	
Excellent (A)	5
Good (B)	11
Fair (C)	5
Poor (D)	1
None (X)	5
Unknown (U)	30
Occurrence Status	
Historical, > 20 years	57
Recent, < 20 years	0
Presence	
Presumed Extant	52
Possibly Extirpated	5
Presumed Extirpated	0

Location

California Endemic	No
Counties	
Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Diego (SDG)	
States	
Arizona (AZ), Baja California (BA), California (CA), Sonora, Mexico (SO)	
Quads	

Alberhill (3211764), Alpine (3211677), Bachelor Mtn. (3311751), Barrett Lake (3211666), Black Star Canyon (3311776), Bonsall (3311732), Canada Gobernadora (3311755), Dana Point (3311746), Del Mar (3211782), Dulzura (3211667), Earthquake Valley (3311614), El Cajon (3211678), El Cajon Mtn. (3211687), Encinitas (3311713), Imperial Beach (3211751), In-ko-pah Gorge (3211661), Jacumba (3211662), Jamul Mountains (3211668), La Jolla (3211772), La Mesa (3211771), Laguna Beach (3311757), Lake Elsinore (3311763), Lake Mathews (3311774), Las Pulgas Canyon (3311734), Margarita Peak (3311744), Mint Canyon (3411844), Morro Hill (3311733), Mt. Wilson (3411821), Murrieta (3311752), National City (3211761), Newhall (3411845), Oat Mountain (3411835), Otay Mesa (3211658), Pala (3311731), Pasadena (3411822), Pechanga (3311741), Potrero (3211655), Poway (3211781), Ramona (3311617), Ranchita (3311625), Rancho Santa Fe (3311712), Romoland (3311762), Sage (3311658), San Clemente (3311745), San Fernando (3411834), San Juan Capistrano (3311756), San Luis Rey (3311723), San Marcos (3311722), San Vicente Reservoir (3211688), Santa Catalina East (3311833), Santa Catalina North (3311844), Santa Catalina South (3311834), Santa Catalina West (3311845), Santa Susana (3411836), Steele Peak (3311773), Temecula (3311742), Vail Lake (3311648), Val Verde (3411846), Viejas Mountain (3211676), Warm Springs Mountain (3411855), Wildomar (3311753), Winchester (3311761)

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

Inconspicuous and easily overlooked. Threatened by development, trampling, non-native plants, and agriculture.

Threats

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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 4 May 2024].