

Report for *Dodecahema leptoceras*

TAXON DETAILS

Classification

Scientific Name	<i>Dodecahema leptoceras</i> (Gray) Rev. & Hardham
Common Name	slender-horned spineflower
Family	Polygonaceae
Element Code	PDPGN0V010
USDA Plants Symbol	<u>DOLE</u>
Synonyms/Other Names	<i>Chorizanthe leptoceras</i> <i>Centrostegia leptoceras</i> Gray

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	CE (01/01/82)
FESA	09/28/87 (09/28/87)
Other Status	SB_CaIBG/RSABG
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-12-09

Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun
Elevation m (ft)	200-760 (655-2495)
General Habitats	Chaparral, Cismontane woodland, Coastal scrub (alluvial fans)
Microhabitat Details	
Microhabitat	Sandy

Threat List Data from the CNDDDB

Threat List Total:		13
	Total EOs	Percent EOs
EOs with Threats Listed	31	74%
Threat List:		
Development	20	47%
Altered flood/tidal/hydrologic regime	10	23%
Non-native plant impacts	10	23%
ORV activity	10	23%
Vandalism/dumping/litter	8	19%
Other	6	14%
Mining	4	9%
Dam/Inundation	4	9%
Foot traffic/trampling	3	7%
Recreational use (non-ORV)	3	7%
Road/trail construction/maint.	3	7%
Biocides	1	2%
Erosion/runoff	1	2%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	42
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	13
Fair (C)	3
Poor (D)	0
None (X)	15
Unknown (U)	11
Occurrence Status	
Historical, > 20 years	28
Recent, < 20 years	14
Presence	
Presumed Extant	27
Possibly Extirpated	7
Presumed Extirpated	8

Location

California Endemic	Yes
Counties	
Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD)	
States	
California (CA)	
Quads	

Agua Dulce (3411843), Alberhill (3311764), Azusa (3411728), Blackburn Canyon (3311667), Burbank (3411823), Desert Hot Springs (3311685), Devore (3411724), El Monte (3411811), Hemet (3311668)*, Lake Elsinore (3311763)*, Mint Canyon (3411844)*, Mt. Wilson (3411821)*, Newhall (3411845), Oat Mountain (3411835), Ontario (3411716), Pasadena (3411822), Pechanga (3311741), Redlands (3411712), San Bernardino North (3411723)*, San Bernardino South (3411713)*, San Fernando (3411834)*, Sunland (3411833), Vail Lake (3311648), Van Nuys (3411824), White Water (3311686), Yucaipa (3411711)*

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

Many historical occurrences lost to urbanization and stream channelization; currently threatened by alteration of fire regimes, development, sand and gravel mining, flood control, foot traffic, proposed reservoir construction, recreational activities, vehicles, and non-native plants. See *Proceedings of the American Academy of Arts and Sciences* 12:269 (1877) for original description, *Great Basin Naturalist Memoirs* 2:169-190 (1978) for taxonomic treatment, *Phytologia* 66(2):83-88 (1989) for revised nomenclature, and *Madroño* 44(3):305 (1997) for discussion of Vail Lake occurrence.

Threats

Taxonomy

Selected References

Suggested Citation

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