

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	<u><i>Chorizanthe leptoceras</i></u> <u><i>Centrostegia leptoceras</i> Gray</u>

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_CalBG/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
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Counties

Los Angeles (LAX), Riverside (RIV), San Bernardino (SBD)
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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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