

Report for *Xylorhiza cognata*

TAXON DETAILS

Classification

Scientific Name	<i>Xylorhiza cognata</i> (Hall) T.J. Watson
Common Name	Mecca-aster
Family	Asteraceae
Element Code	PDASTA1010
USDA Plants Symbol	<u>XYCO2</u>
Synonyms/Other Names	<u><i>Machaeranthera cognata</i></u>

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	perennial herb
Blooming Period	Jan-Jun
Elevation m (ft)	20-400 (65-1310)
General Habitats	Sonoran desert scrub
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		8
	Total EOs	Percent EOs
EOs with Threats Listed	25	69%
Threat List:		
ORV activity	19	52%
Road/trail construction/maint.	4	11%
Erosion/runoff	3	8%
Vandalism/dumping/litter	2	5%
Development	2	5%
Recreational use (non-ORV)	2	5%
Mining	1	2%
Other	1	2%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	36
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	6
Fair (C)	11
Poor (D)	0
None (X)	0
Unknown (U)	19
Occurrence Status	
Historical, > 20 years	6
Recent, < 20 years	30
Presence	
Presumed Extant	36
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Riverside (RIV)	
States	
California (CA)	
Quads	
Mecca (3311651), Mortmar (3311558), Myoma (3311673), Palm Springs (3311675), Thermal Canyon (3311661), West Berdoo Canyon (3311672)	

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

Known mostly from Indio Hills and Mecca Hills. Threatened by vehicles. Potentially threatened by development. Possibly threatened by recreational activities and vehicles. See *Brittonia* 29:199-216 (1977) for revised nomenclature and description.

Threats

Taxononmy

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 15 May 2024].