

## 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

<b>Threat List Total:</b>		8
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>25</b>	<b>69%</b>
<b>Threat List:</b>		
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

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

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Riverside (RIV)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
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 8 May 2024].