

## Report for *Acanthomintha ilicifolia*

### TAXON DETAILS



© 2013 Keir Morse



© 2013 Keir Morse



© 2016 Vince Scheidt

### Classification

<b>Scientific Name</b>	<i>Acanthomintha ilicifolia</i> (Gray) Gray
<b>Common Name</b>	San Diego thorn-mint
<b>Family</b>	Lamiaceae
<b>Element Code</b>	PDLAM01010
<b>USDA Plants Symbol</b>	<u>ACIL</u>
<b>Synonyms/Other Names</b>	

### Conservation Status

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G1
<b>State Rank</b>	S1
<b>CESA</b>	CE (01/01/82)
<b>FESA</b>	11/12/98 (11/12/98)
<b>Other Status</b>	SB_CalBG/RSABG; SB_CRES
<b>CRPR Changes</b>	
<b>Date Added</b>	1974-01-01
<b>Last Update</b>	2023-06-06

### Ecology and Life History

<b>Lifeform</b>	annual herb
<b>Blooming Period</b>	Apr-Jun
<b>Elevation m (ft)</b>	10-960 (35-3150)
<b>General Habitats</b>	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools
<b>Microhabitat Details</b>	
<b>Microhabitat</b>	Clay, Openings

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		20
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>78</b>	<b>92%</b>
<b>Threat List:</b>		
Non-native plant impacts	65	76%
Development	53	62%
Foot traffic/trampling	30	35%
Recreational use (non-ORV)	28	32%
Road/trail construction/maint.	28	32%
Improper burning regime	26	30%
Other	23	27%
Erosion/runoff	21	24%
Vandalism/dumping/litter	16	18%
ORV activity	15	17%
Grazing	11	12%
Wood cutting or brush clearing	5	5%
Altered flood/tidal/hydrologic regime	4	4%
Agriculture	3	3%
Surface water diversion	1	1%
Biocides	1	1%
Feral pigs	1	1%
Military operations	1	1%
Mining	1	1%
Non-native animal impacts	1	1%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	85
<b>Element Occurrence Ranks:</b>	
Excellent (A)	5
Good (B)	24
Fair (C)	11
Poor (D)	7
None (X)	26
Unknown (U)	12
<b>Occurrence Status</b>	
Historical, > 20 years	42
Recent, < 20 years	43
<b>Presence</b>	
Presumed Extant	59
Possibly Extirpated	19
Presumed Extirpated	7

### Location

<b>California Endemic</b>	No
---------------------------	----

## **Counties**

San Diego (SDG)

## **States**

Baja California (BA), California (CA)

## **Quads**

Alpine (3211677), Del Mar (3211782), Dulzura (3211667), El Cajon (3211678), El Cajon Mtn. (3211687), Encinitas (3311713), Escondido (3311711), Imperial Beach (3211751), Jamul Mountains (3211668), La Jolla (3211772)\*, La Mesa (3211771), National City (3211761)\*, Otay Mesa (3211658), Poway (3211781), Ramona (3311617), Rancho Santa Fe (3311712), San Luis Rey (3311723), San Marcos (3311722), San Pasqual (3311618), San Vicente Reservoir (3211688), Tecate (3211656), Viejas Mountain (3211676)

## **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**

Approximately one third of the historical occurrences in CA have been extirpated; threatened by urbanization, road construction, vehicles, grazing, trampling, foot traffic, recreational activities, erosion, and non-native plants. Several occurrences introduced (22B, 34C, 35B, 36D), but few have survived. See *Proceedings of the American Academy of Arts and Sciences* 8:368 (1872) for original description.

## **Threats**

## **Taxonomy**

## **Selected References**

**Other:** USFWS Critical Habitat (2008) On BIOS viewer

**Other:** USFWS Critical Habitat Shapefile (2008)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 25 April 2024].