

## Report for *Symphyotrichum defoliatum*

### TAXON DETAILS

#### Classification

<b>Scientific Name</b>	<i>Symphyotrichum defoliatum</i> (Parish) Nesom
<b>Common Name</b>	San Bernardino aster
<b>Family</b>	Asteraceae
<b>Element Code</b>	PDASTE80C0
<b>USDA Plants Symbol</b>	<u>SYDE</u>
<b>Synonyms/Other Names</b>	

#### Conservation Status

<b>California Rare Plant Rank</b>	1B.2
<b>Global Rank</b>	G2
<b>State Rank</b>	S2
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	BLM_S; SB_CalBG/RSABG; SB_CRES; USFS_S
<b>CRPR Changes</b>	added to 1B on 2004-08-20
<b>Date Added</b>	2004-01-01
<b>Last Update</b>	2024-11-05

#### Ecology and Life History

<b>Lifeform</b>	perennial rhizomatous herb
<b>Blooming Period</b>	Jul-Nov
<b>Elevation m (ft)</b>	2-2040 (5-6695)
<b>General Habitats</b>	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Marshes and swamps, Meadows and seeps, Valley and foothill grassland (vernally mesic)
<b>Microhabitat Details</b>	near ditches, streams, springs
<b>Microhabitat</b>	Streambanks

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>28</b>	<b>27%</b>
<b>Threat List:</b>		
Development	16	15%
Non-native plant impacts	6	5%
Road/trail construction/maint.	4	3%
Foot traffic/trampling	3	2%
Grazing	2	1%
Other	2	1%
Agriculture	1	0%
ORV activity	1	0%
Mining	1	0%
Erosion/runoff	1	0%
Wood cutting or brush clearing	1	0%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	102
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	6
Fair (C)	1
Poor (D)	1
None (X)	16
Unknown (U)	77
<b>Occurrence Status</b>	
Historical, > 20 years	65
Recent, < 20 years	37
<b>Presence</b>	
Presumed Extant	86
Possibly Extirpated	3
Presumed Extirpated	13

**Location**

**California Endemic** Yes

**Counties**

Imperial (IMP), Kern (KRN), Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG), San Luis Obispo (SLO)?, Santa Barbara (SBA)

**States**

California (CA)

**Quads**

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Alberhill (3311764), Anaheim (3311778), Baldwin Park (3411718), Beauty Mountain (3311646), Big Bear City (3411637), Big Bear Lake (3411628), Boucher Hill (3311638), Cabazon (3311687), Cajon (3411734), Crystal Lake (3411737), Cuddy Valley (3411971), Cuyamaca Peak (3211685), Descanso (3211675), El Casco (3311781), Fontana (3411714), Frazier Mtn. (3411878), Guasti (3411715), Harrison Mtn. (3411722), Hollywood (3411813), Idyllwild (3311666), In-ko-pah Gorge (3211661), Julian (3311615), La Habra (3311788), Lake Fulmor (3311677), Lake Mathews (3311774), Lebec (3411877), Live Oak Springs (3211663), Long Beach (3311872), Los Alamitos (3311871)\*, Monument Peak (3211684), Morena Reservoir (3211665), Mount Laguna (3211674), Mount San Antonio (3411736), Murrieta (3311752)\*, Newport Beach (3311768)\*, Oceano (3512015)?, Ontario (3411716)\*, Orcutt (3412074), Palomar Observatory (3311637), Prado Dam (3311786)\*, San Bernardino North (3411723), San Bernardino South (3411713), San Dimas (3411717), San Jacinto Peak (3311676), Santa Ysabel (3311616), Seal Beach (3311861)\*, Sunnymead (3311782), Telegraph Peak (3411735), Torrance (3311873), Tustin (3311767)\*, Victorville (3411753), Warner Springs (3311636), Warners Ranch (3311626), Whittier (3311881), Wildomar (3311753)

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## **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**

Possibly threatened by non-native plants. Possible hybrids have been collected in VEN, SBA and SLO cos. Identification of specimen from OBI Co. (221D) needs verification. A synonym of *Aster bernardinus* in *TJM* (1993). See *Phytologia* 77(3):279 (1994) for revised nomenclature.

## **Threats**

## **Taxonomy**

## **Selected References**

**CNPS Status Review:** CRPR List Addition on 2004-08-20

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 23 November 2024].