

Report for *Symphyotrichum defoliatum*

TAXON DETAILS

Classification

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

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; SB_CRES; USFS_S
CRPR Changes	added to 1B on 2004-08-20
Date Added	2004-01-01
Last Update	2022-06-08

Ecology and Life History

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

Threat List Data from the CNDDDB

Threat List Total:		11
	Total EOs	Percent EOs
EOs with Threats Listed	28	27%
Threat List:		
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

Total Element Occurrences:	102
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	6
Fair (C)	1
Poor (D)	1
None (X)	16
Unknown (U)	77
Occurrence Status	
Historical, > 20 years	63
Recent, < 20 years	39
Presence	
Presumed Extant	86
Possibly Extirpated	3
Presumed Extirpated	13

Location

California Endemic	Yes
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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)
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States

California (CA)

Quads

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)

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

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