

Report for *Brodiaea filifolia*

TAXON DETAILS



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Classification

Scientific Name
Common Name
Family
Element Code
USDA Plants Symbol
Synonyms/Other Names

Brodiaea filifolia Wats.
thread-leaved brodiaea
Themidaceae
PMLIL0C050
BRFI

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G2
State Rank	S2
CESA	CE (01/01/82)
FESA	10/13/98 (10/13/98)
Other Status	SB_CaIBG/RSABG; SB_CRES
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-08-25

Ecology and Life History

Lifeform	perennial bulbiferous herb
Blooming Period	Mar-Jun
Elevation m (ft)	25-1120 (80-3675)
General Habitats	Chaparral (openings), Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools
Microhabitat Details	
Microhabitat	Clay (often)

Threat List Data from the CNDDDB

Threat List Total:		21
	Total EOs	Percent EOs
EOs with Threats Listed	72	51%
Threat List:		
Development	37	26%
Non-native plant impacts	37	26%
Other	17	12%
Road/trail construction/maint.	12	8%
Vandalism/dumping/litter	11	7%
Disking	10	7%
Foot traffic/trampling	7	4%
ORV activity	7	4%
Recreational use (non-ORV)	5	3%
Erosion/runoff	5	3%
Agriculture	4	2%
Grazing	3	2%
Improper burning regime	2	1%
Landfill	2	1%
Military operations	2	1%
Altered flood/tidal/hydrologic regime	2	1%
Surface water diversion	2	1%
Wood cutting or brush clearing	2	1%
Waterway bank protection/maintenance	1	0%
Dam/Inundation	1	0%
Hybridization	1	0%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	141
Element Occurrence Ranks:	
Excellent (A)	8
Good (B)	21
Fair (C)	22
Poor (D)	15
None (X)	12
Unknown (U)	63
Occurrence Status	
Historical, > 20 years	42
Recent, < 20 years	99
Presence	
Presumed Extant	129
Possibly Extirpated	6
Presumed Extirpated	6

Location

California Endemic	Yes
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Counties

Los Angeles (LAX), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

States

California (CA)

Quads

Canada Gobernadora (3311755), El Toro (3311766), Encinitas (3311713), Escondido (3311711), Fallbrook (3311743), Glendora (3411727), Lake Elsinore (3311763), Lakeview (3311771), Las Pulgas Canyon (3311734), Margarita Peak (3311744), Morro Hill (3311733), Pala (3311731), Perris (3311772), Poway (3211781), Rancho Santa Fe (3311712), Romoland (3311762), San Bernardino North (3411723), San Clemente (3311745), San Juan Capistrano (3311756), San Luis Rey (3311723), San Marcos (3311722), San Pasqual (3311618), Sitton Peak (3311754), Wildomar (3311753), Winchester (3311761)

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

Seriously threatened by residential development, agriculture, foot traffic, grazing, illegal dumping, non-native plants, and vehicles. Potentially threatened by road construction and fuel break maintenance. Hybridization with *B. orcuttii* and *B. terrestris* ssp. *kernensis* facilitated by European honeybees. See *Proceedings of the American Academy of Arts and Sciences* 17:381 (1882) for original description.

Threats

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Selected References

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