

## 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

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

### Ecology and Life History

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

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		21
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>72</b>	<b>51%</b>
<b>Threat List:</b>		
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

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

## Location

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California Endemic	Yes
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### Counties

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

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### States

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California (CA)

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### Quads

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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)

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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

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

### 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 18 May 2024].