

Report for *Erythranthe inflatula*

TAXON DETAILS



© 2020 Dean Wm. Taylor



© 2020 Dean Wm. Taylor



© 2021 Sarah Tona

Classification

Scientific Name	<i>Erythranthe inflatula</i> (Suksd.) G.L. Nesom
Common Name	ephemeral monkeyflower
Family	Phrymaceae
Element Code	PDSCR1B370
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Mimulus evanescens</i> Meinke</u>

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; USFS_S
CRPR Changes	
Date Added	2001-01-01
Last Update	2021-12-09

Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Aug
Elevation m (ft)	1250-1740 (4100-5710)
General Habitats	Great Basin scrub, Lower montane coniferous forest, Pinyon and juniper woodland
Microhabitat Details	
Microhabitat	Gravelly (sometimes), Rocky (sometimes), Vernally Mesic

Threat List Data from the CNDDDB

Threat List Total:		6
	Total EOs	Percent EOs
EOs with Threats Listed	15	58%
Threat List:		
Grazing	11	42%
Foot traffic/trampling	7	26%
Road/trail construction/maint.	2	7%
Insufficient population/stand size	1	3%
Non-native plant impacts	1	3%
Recreational use (non-ORV)	1	3%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	26
Element Occurrence Ranks:	
Excellent (A)	2
Good (B)	9
Fair (C)	3
Poor (D)	5
None (X)	1
Unknown (U)	6
Occurrence Status	
Historical, > 20 years	14
Recent, < 20 years	12
Presence	
Presumed Extant	25
Possibly Extirpated	1
Presumed Extirpated	0

Location

California Endemic	No
Counties	
Lassen (LAS), Modoc (MOD), Shasta (SHA), Siskiyou (SIS)*	
States	
California (CA), Idaho (ID), Nevada (NV)?, Oregon (OR)	
Quads	
Bray (4112168), Champs Flat (4012068), Corders Reservoir (4012172), Crank Mountain (4112142), Davis Creek (4112063), Donica Mtn. (4112132), Lane Reservoir (4112017), Lauer Reservoir (4112064), Letterbox Hill (4112018), Likely (4112025), Lookout (4112122), McDonald Peak (4012084), McGinty Reservoir (4112075), Perez (4112163), Poison Lake (4012162), Snowstorm Mtn. (4012063), South Mtn. (4112076), Spalding Tract (4012067), Spaulding Butte (4112152), Straylor Lake (4012171), Sugar Hill (4112073), Swains Hole (4012163)	

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 trampling and hydrological alterations. On review list in ID, and candidate for state listing in OR. Similar to *E. breviflora*; possibly a hybrid between *E. breviflora* and *E. latidens*. See *Great Basin Naturalist* 55(3):250 (1995) for original description, *Phytoneuron* 2012-39:1-60 (2012) for revised nomenclature, and *Phytoneuron* 2012-41:1-36 (2012) for taxonomic treatment.

Threats

Taxononmy

Selected References

Other: USFS Potential Species of Conservation Concern Profile

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].