

## Report for *Erythranthe inflatula*

### TAXON DETAILS



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### Classification

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

### Conservation Status

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

### Ecology and Life History

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

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		6
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>15</b>	<b>58%</b>
<b>Threat List:</b>		
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

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

## Location

<b>California Endemic</b>	No
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<b>Counties</b>
Lassen (LAS), Modoc (MOD), Shasta (SHA), Siskiyou (SIS)*

<b>States</b>
California (CA), Idaho (ID), Nevada (NV)?, Oregon (OR)

<b>Quads</b>
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 19 May 2024].