

## Report for *Clarkia mosquinii*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Clarkia mosquinii</i> E. Small
Common Name	Mosquin's clarkia
Family	Onagraceae
Element Code	PDONA050S0
USDA Plants Symbol	<u>CLMO3</u>
Synonyms/Other Names	<u><i>Clarkia mosquinii</i> E. Small ssp. <i>mosquinii</i></u>

### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG; USFS_S
CRPR Changes	
Date Added	1980-01-01
Last Update	2021-11-05

### Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Jul(Sep)
Elevation m (ft)	185-1490 (605-4890)
General Habitats	Cismontane woodland, Lower montane coniferous forest
Microhabitat Details	
Microhabitat	Roadsides, Rocky

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		13
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>65</b>	<b>83%</b>
<b>Threat List:</b>		
Road/trail construction/maint.	41	52%
Logging	32	41%
Other	28	35%
ORV activity	6	7%
Foot traffic/trampling	6	7%
Grazing	3	3%
Improper burning regime	3	3%
Dam/Inundation	3	3%
Erosion/runoff	3	3%
Non-native plant impacts	3	3%
Biocides	1	1%
Recreational use (non-ORV)	1	1%
Wood cutting or brush clearing	1	1%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	78
<b>Element Occurrence Ranks:</b>	
Excellent (A)	7
Good (B)	42
Fair (C)	12
Poor (D)	4
None (X)	1
Unknown (U)	12
<b>Occurrence Status</b>	
Historical, > 20 years	26
Recent, < 20 years	52
<b>Presence</b>	
Presumed Extant	77
Possibly Extirpated	0
Presumed Extirpated	1

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Butte (BUT), Plumas (PLU), Yuba (YUB)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Berry Creek (3912164), Brush Creek (3912163), Cascade (3912162), Challenge (3912142), Cherokee (3912165), Clipper Mills (3912152), Forbestown (3912153), Oroville Dam (3912154), Pulga (3912174), Soapstone Hill (3912173), Stirling City (3912185), Strawberry Valley (3912151)

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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

Rediscovered in 1991 by L. Janeway. Threatened by vehicles. Potentially threatened by road maintenance, overshadowing, and non-native plants. See *Canadian Journal of Botany* 49:1211-1217 (1971) for original description, *Madroño* 40(4):268-269 (1993) for information on rediscovery, and *Madroño* 42(1):79-82 (1995) for taxonomic discussion.

## 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 14 May 2024].