

Report for *Nemophila breviflora*

TAXON DETAILS



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Classification

Scientific Name	<i>Nemophila breviflora</i> Gray
Common Name	Great Basin nemophila
Family	Hydrophyllaceae
Element Code	PDHYD0B020
USDA Plants Symbol	<u>NEBR</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	2B.3
Global Rank	G4G5
State Rank	S3
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from 2.3 to 2B.3 on 2013-06-12
Date Added	2001-01-01
Last Update	2022-04-05

Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Jul
Elevation m (ft)	1220-2410 (4005-7905)
General Habitats	Great Basin scrub, Meadows and seeps, Upper montane coniferous forest
Microhabitat Details	
Microhabitat	Mesic

Threat List Data from the CNDDDB

Threat List Total:		5
	Total EOs	Percent EOs
EOs with Threats Listed	7	30%
Threat List:		
Grazing	5	21%
Logging	3	13%
Mining	1	4%
Non-native plant impacts	1	4%
Recreational use (non-ORV)	1	4%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	23
Element Occurrence Ranks:	
Excellent (A)	5
Good (B)	3
Fair (C)	1
Poor (D)	0
None (X)	0
Unknown (U)	14
Occurrence Status	
Historical, > 20 years	15
Recent, < 20 years	8
Presence	
Presumed Extant	23
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties

Lassen (LAS), Modoc (MOD), Shasta (SHA)

States

California (CA), Colorado (CO), Idaho (ID), Montana (MT), Nevada (NV), Oregon (OR), Utah (UT), Washington (WA), Wyoming (WY)
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Quads

Ambrose Valley (4112027), Boot Lake (4112012), Cedarville (4112052), Dana (4112115), Eagle Peak (4112032), Emerson Peak (4112022), Jess Valley (4112023), Knox Mountain (4112026), Lake Annie (4112081), Mt. Bidwell (4112082), Payne Peak (4112053), Shields Creek (4112043), Soup Creek (4112033), Surprise (4112054), Willow Ranch (4112083)

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

Threats

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Selected References

Original Description: *Proceedings of the American Academy of Arts and Sciences* 10:315 (1875)

Taxonomic Treatment: *University of California Publications in Botany* 19(10):353-355 (1941)

Species Account: *Nemophila breviflora* profile for potential Species of Conservation Concern evaluation (2019)

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 17 May 2024].