

Report for *Polygonum polygaloides* ssp. *esotericum*

TAXON DETAILS



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Classification

Scientific Name	<i>Polygonum polygaloides</i> Meisn. ssp. <i>esotericum</i> (Wheeler) Hickman
Common Name	Modoc County knotweed
Family	Polygonaceae
Element Code	PDPGN0L1Y2
USDA Plants Symbol	<u>POPOE</u>
Synonyms/Other Names	<u><i>Polygonum esotericum</i> Wheeler</u>

Conservation Status

California Rare Plant Rank	1B.3
Global Rank	G4G5T3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S; SB_UCSC
CRPR Changes	changed from 1B.1 to 1B.3 on 2017-12-13
Date Added	1974-01-01
Last Update	2022-12-06

Ecology and Life History

Lifeform	annual herb
Blooming Period	May-Sep
Elevation m (ft)	885-1690 (2905-5545)
General Habitats	Great Basin scrub, Lower montane coniferous forest, Meadows and seeps, Vernal pools
Microhabitat Details	
Microhabitat	Mesic

Threat List Data from the CNDDDB

Threat List Total:		7
	Total EOs	Percent EOs
EOs with Threats Listed	9	20%
Threat List:		
Grazing	6	13%
Non-native animal impacts	3	6%
Foot traffic/trampling	2	4%
Mining	1	2%
Non-native plant impacts	1	2%
Other	1	2%
Road/trail construction/maint.	1	2%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	45
Element Occurrence Ranks:	
Excellent (A)	5
Good (B)	10
Fair (C)	2
Poor (D)	0
None (X)	0
Unknown (U)	28
Occurrence Status	
Historical, > 20 years	41
Recent, < 20 years	4
Presence	
Presumed Extant	45
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties
Modoc (MOD), Plumas (PLU), Shasta (SHA), Sierra (SIE)

States
California (CA), Oregon (OR)

Quads
Barrel Springs (4111988), Crooks Meadow (4111978), Ambrose (4112058), Antelope Valley (3912063), Beaver Mtn. (4112086), Boles Meadows East (4112067), Boles Meadows West (4112068), Burney Falls (4112116), Calpine (3912064), Crank Mountain (4112142), Davis Creek (4112063), Jacks Butte (4112057), Knobcone Butte (4112151), Lake Annie (4112081), Larkspur Hills (4112071), Lookout (4112122), McGinty Reservoir (4112075), Mt. Bidwell (4112082), Pease Flat (4112085), Reconnaissance Peak (3912073), Rimrock Lake (4112162), South Mtn. (4112076), Spaulding Butte (4112152), Washington Mtn. (4112048), Whitehorse (4112134), Whittemore Ridge (4112066)

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 grazing, trampling, road maintenance, and non-native plants. Intermediates to ssp. *confertiflorum* are common, especially on Modoc Plateau to OR. Difficult to distinguish pure stands of ssp. *esotericum* in CA; needs further study. Only occurrences that mostly contain *P. p.* ssp. *esotericum* are included. See *Rhodora* 40(476):310-312 (1938) for original description, and *Madroño* 31(4):251 (1984) for revised nomenclature.

Threats

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Selected References

CNPS Status Review: CRPR List Change on 2017-12-13

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