

Report for *Smithiastrum wilkinsianum*

TAXON DETAILS



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Classification

Scientific Name	<i>Smithiastrum wilkinsianum</i> (Greene) Morin
Common Name	Wilkin's harebell
Family	Campanulaceae
Element Code	PDCAM020Z0
USDA Plants Symbol	CAWI8
Synonyms/Other Names	<u><i>Campanula wilkinsiana</i></u>

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2023-01-13

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Jul-Sep
Elevation m (ft)	1270-2600 (4165-8530)
General Habitats	Meadows and seeps, Subalpine coniferous forest, Upper montane coniferous forest
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		10
	Total EOs	Percent EOs
EOs with Threats Listed	12	50%
Threat List:		
Foot traffic/trampling	6	25%
Recreational use (non-ORV)	6	25%
Logging	5	20%
Surface water diversion	4	16%
Road/trail construction/maint.	3	12%
Altered flood/tidal/hydrologic regime	2	8%
Development	1	4%
Erosion/runoff	1	4%
Grazing	1	4%
Non-native plant impacts	1	4%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	24
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	7
Fair (C)	4
Poor (D)	0
None (X)	0
Unknown (U)	12
Occurrence Status	
Historical, > 20 years	10
Recent, < 20 years	14
Presence	
Presumed Extant	24
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Siskiyou (SIS), Trinity (TRI)	
States	
California (CA)	
Quads	
Ash Creek Butte (4112241), Boulder Peak (4112351), Caribou Lake (4112218), Covington Mill (4012287), Elk Spring (4112231), McCloud (4112232), Mt. Hilton (4012381), Mt. Shasta (4112242), Siligo Peak (4012288), Thompson Peak (4112311)	

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

Threatened by grazing, recreational activities, and trail construction.

Threats

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Selected References

CNPS Name Change: Non-Substantive Name Changes: Multiple taxa in Campanulaceae (2022-12-19)

Revised Nomenclature: *Phytoneuron* 2020-49: 1–46 (2020)

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].