

Report for *Horkelia bolanderi*

TAXON DETAILS



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Classification

Scientific Name	<i>Horkelia bolanderi</i> Gray
Common Name	Bolander's horkelia
Family	Rosaceae
Element Code	PDR0S0W011
USDA Plants Symbol	<u>HOBO2</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G1
State Rank	S1
CESA	None
FESA	None
Other Status	BLM_S
CRPR Changes	
Date Added	1988-01-01
Last Update	2022-03-01

Ecology and Life History

Lifeform	perennial herb
Blooming Period	(May)Jun-Aug
Elevation m (ft)	450-1100 (1475-3610)
General Habitats	Chaparral, Lower montane coniferous forest, Meadows and seeps, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Edges, Vernally Mesic

Threat List Data from the CNDDDB

Threat List Total:		11
	Total EOs	Percent EOs
EOs with Threats Listed	10	77%
Threat List:		
Non-native plant impacts	4	30%
Road/trail construction/maint.	4	30%
Agriculture	2	15%
Altered flood/tidal/hydrologic regime	2	15%
Dam/Inundation	1	7%
Development	1	7%
Erosion/runoff	1	7%
Foot traffic/trampling	1	7%
Improper burning regime	1	7%
Surface water diversion	1	7%
ORV activity	1	7%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	13
Element Occurrence Ranks:	
Excellent (A)	3
Good (B)	6
Fair (C)	0
Poor (D)	0
None (X)	1
Unknown (U)	3
Occurrence Status	
Historical, > 20 years	6
Recent, < 20 years	7
Presence	
Presumed Extant	12
Possibly Extirpated	1
Presumed Extirpated	0

Location

California Endemic	Yes
Counties	
Colusa (COL), Lake (LAK), Mendocino (MEN)	
States	
California (CA)	
Quads	

Benmore Canyon (3912215), Clearlake Highlands (3812286), Highland Springs (3812288), Hough Springs (3912225), Kelseyville (3812287), Leesville (3912224), Manor Slough (3912223), Potato Hill (3912237), Purdys Gardens (3912311), Salt Canyon (3912213), Whispering Pines (3812276), Wilbur Springs (3912214)

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

Taxonomic Treatment: *Systematic Botany* 18(1):137-144 (1993)

Species Account: *Horkelia bolanderi* profile for potential Species of Conservation Concern evaluation (2018)

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 29 April 2024].