

## 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	PDROS0W011
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, Vernaly Mesic

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>10</b>	<b>77%</b>
<b>Threat List:</b>		
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

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

## Location

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

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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)

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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

## Threats

## Taxononmy

## 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 3 May 2024].