

## Report for *Howellanthus dalesianus*

### TAXON DETAILS



Aaron Schusteff 2008



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Steve Matson 2011

### Classification

Scientific Name	<i>Howellanthus dalesianus</i> (Constance) Walden & R. Patt.
Common Name	Scott Mountain howellanthus
Family	Hydrophyllaceae
Element Code	PDHYD0C140
USDA Plants Symbol	<u>HODA2</u>
Synonyms/Other Names	<u><i>Phacelia dalesiana</i></u>

### Conservation Status

California Rare Plant Rank	4.3
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-08-25

### Ecology and Life History

Lifeform	perennial herb
Blooming Period	May-Jul(Aug)
Elevation m (ft)	1025-2105 (3365-6905)
General Habitats	Lower montane coniferous forest, Meadows and seeps, Subalpine coniferous forest, Upper montane coniferous forest
Microhabitat Details	
Microhabitat	Serpentine

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		8
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>38</b>	<b>83%</b>
<b>Threat List:</b>		
Logging	26	56%
Grazing	11	23%
Road/trail construction/maint.	7	15%
Foot traffic/trampling	5	10%
Recreational use (non-ORV)	3	6%
Erosion/runoff	2	4%
ORV activity	2	4%
Other	1	2%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	46
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	22
Fair (C)	4
Poor (D)	0
None (X)	0
Unknown (U)	18
<b>Occurrence Status</b>	
Historical, > 20 years	46
Recent, < 20 years	0
<b>Presence</b>	
Presumed Extant	46
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Shasta (SHA), Siskiyou (SIS), Trinity (TRI)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Carrville (4112216), Chicken Hawk Hill (4112214), Damnation Peak (4012285), Lake McCloud (4112221), Mount Eddy (4112234), Mumbo Basin (4112225), Scott Mountain (4112236), Seven Lakes Basin (4112224), South China Mtn. (4112235), Tangle Blue Lake (4112226), Whisky Bill Peak (4112215), Ycatapom Peak (4112217)	

## **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 logging and grazing. See *Phacelia dalesiana* in *TJM* (1993) and *TJM 2*. See *Leaflets of Western Botany* 2:51 (1937) for original description, and Madroño 57(4):268-273 (2010) for taxonomic treatment.

## **Threats**

## **Taxononmy**

## **Selected References**

**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 2 May 2024].