

## Report for *Castilleja lasseensis*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Castilleja lasseensis</i> Eastw.
Common Name	Lassen paintbrush
Family	Orobanchaceae
Element Code	PDSCR0D4L0
USDA Plants Symbol	
Synonyms/Other Names	

### Conservation Status

California Rare Plant Rank	1B.3
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	
CRPR Changes	changed from CBR to 1B.3 on 2017-07-18 Considered But Rejected on 2010-03-15
Date Added	2017-07-18
Last Update	2023-08-01

### Ecology and Life History

Lifeform	perennial herb
Blooming Period	Jun-Sep
Elevation m (ft)	955-3120 (3135-10235)
General Habitats	Meadows and seeps, Subalpine coniferous forest
Microhabitat Details	
Microhabitat	Volcanic

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		5
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>6</b>	<b>23%</b>
<b>Threat List:</b>		
Logging	3	11%
Other	2	7%
Recreational use (non-ORV)	2	7%
Foot traffic/trampling	2	7%
Altered flood/tidal/hydrologic regime	1	3%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	26
<b>Element Occurrence Ranks:</b>	
Excellent (A)	4
Good (B)	4
Fair (C)	4
Poor (D)	0
None (X)	1
Unknown (U)	13
<b>Occurrence Status</b>	
Historical, > 20 years	10
Recent, < 20 years	16
<b>Presence</b>	
Presumed Extant	25
Possibly Extirpated	1
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
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### **Counties**

Lassen (LAS), Plumas (PLU), Shasta (SHA), Tehama (TEH)
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### **States**

California (CA)
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### **Quads**

Almanor (4012122), Antelope Mtn. (4012058), Burney (4012186), Burney Mtn. West (4012176), Canyondam (4012121), Chester (4012132), Childs Meadows (4012134), Lassen Peak (4012145), Mt. Harkness (4012143), Pine Creek Valley (4012151), Prospect Peak (4012153), Reading Peak (4012144), Red Cinder (4012142), Swain Mountain (4012141), Thousand Lakes Valley (4012165), West Prospect Peak (4012154), Westwood East (4012038), Westwood West (4012131)
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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**

Previously CBR as being a synonym of *C. lemmonii*; a common taxon. Similar to *C. lemmonii*; differentiated by floral coloration and in being endemic to volcanic substrates on the flanks of Mt. Lassen versus growing primarily in granitic substrates in the Sierra Nevada. See *Leaflets of Western Botany* 2:241-245 (1940) for original description, and *Phytoneuron* 2015-33:1-13 (2015) for taxonomic treatment.

## **Threats**

## **Taxononmy**

## **Selected References**

**CNPS Status Review:** Proposed Addition to CRPR 1B.3, G3 / S3 (2017)

**Species Account:** Profile for potential SCC evaluation (2018)

## **Suggested Citation**

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 7 May 2024].