

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

Threat List Total:		5
	Total EOs	Percent EOs
EOs with Threats Listed	6	23%
Threat List:		
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

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

Location

California Endemic	Yes
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Counties

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

California (CA)

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 19 May 2024].