

## Report for *Balsamorhiza lanata*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Balsamorhiza lanata</i> (W.M. Sharp) W.A. Weber
Common Name	woolly balsamroot
Family	Asteraceae
Element Code	PDAST11047
USDA Plants Symbol	<u>BALA8</u>
Synonyms/Other Names	<u><i>Balsamorhiza hookeri</i> Nutt. var. <i>lanata</i> Sharp</u>

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG
CRPR Changes	
Date Added	1994-01-01
Last Update	2023-05-02

### Ecology and Life History

Lifeform	perennial herb
Blooming Period	Apr-Jun
Elevation m (ft)	800-1895 (2625-6215)
General Habitats	Cismontane woodland
Microhabitat Details	
Microhabitat	Rocky, Volcanic

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		10
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>21</b>	<b>48%</b>
<b>Threat List:</b>		
Road/trail construction/maint.	14	31%
Grazing	6	13%
Development	4	9%
Logging	2	4%
Non-native plant impacts	2	4%
ORV activity	2	4%
Vandalism/dumping/litter	1	2%
Mining	1	2%
Agriculture	1	2%
Biocides	1	2%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	44
<b>Element Occurrence Ranks:</b>	
Excellent (A)	6
Good (B)	14
Fair (C)	7
Poor (D)	1
None (X)	0
Unknown (U)	16
<b>Occurrence Status</b>	
Historical, > 20 years	37
Recent, < 20 years	7
<b>Presence</b>	
Presumed Extant	44
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	No
<b>Counties</b>	
Siskiyou (SIS), Trinity (TRI)	
<b>States</b>	
California (CA), Oregon (OR)	
<b>Quads</b>	

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Callahan (4112237), China Mtn. (4112245), City of Mount Shasta (4112233), Gazelle Mtn. (4112246), Juniper Flat (4112253), Lake Shastina (4112254), Little Shasta (4112264), McConaughy Gulch (4112247), Montague (4112265), Mount Eddy (4112234), Mumbo Basin (4112225), Penoyar (4112261), Seven Lakes Basin (4112224), Weed (4112244), Yreka (4112266)

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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

Known only from the area of Shasta and Scott valleys. Possibly threatened by grazing, non-native plants, and road maintenance. See *B. hookeri* var. *lanata* in *The Jepson Manual*. See *Annals of the Missouri Botanical Garden* 22:130 (1935) for original description, and *Phytologia* 85(1):19-21 (1998) for revised nomenclature.

## Threats

## Taxononmy

## Selected References

**Species Account:** *Balsamorhiza lanata* account for potential Species of Conservation Concern evaluation (2021)

## Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 8 May 2024].