

## Report for *Balsamorhiza macrolepis*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Balsamorhiza macrolepis</i> W.M. Sharp
Common Name	big-scale balsamroot
Family	Asteraceae
Element Code	PDAST11061
USDA Plants Symbol	<u>BAMA3</u>
Synonyms/Other Names	<u><i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i></u>

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2023-05-02

### Ecology and Life History

Lifeform	perennial herb
Blooming Period	Mar-Jun
Elevation m (ft)	45-1555 (150-5100)
General Habitats	Chaparral, Cismontane woodland, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Serpentine (sometimes)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>29</b>	<b>57%</b>
<b>Threat List:</b>		
Development	12	23%
Road/trail construction/maint.	7	13%
Wood cutting or brush clearing	6	11%
Grazing	5	9%
Non-native plant impacts	5	9%
Foot traffic/trampling	4	7%
Other	3	5%
ORV activity	2	3%
Recreational use (non-ORV)	1	1%
Logging	1	1%
Mining	1	1%
Vandalism/dumping/litter	1	1%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	51
<b>Element Occurrence Ranks:</b>	
Excellent (A)	8
Good (B)	10
Fair (C)	2
Poor (D)	0
None (X)	2
Unknown (U)	29
<b>Occurrence Status</b>	
Historical, > 20 years	25
Recent, < 20 years	26
<b>Presence</b>	
Presumed Extant	49
Possibly Extirpated	1
Presumed Extirpated	1

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Alameda (ALA), Amador (AMA), Butte (BUT), Colusa (COL), El Dorado (ELD), Lake (LAK), Mariposa (MPA), Napa (NAP), Placer (PLA), Santa Clara (SCL), Shasta (SHA), Solano (SOL), Sonoma (SON), Tehama (TEH), Tuolumne (TUO)	
<b>States</b>	
California (CA)	

## **Quads**

Ackerson Mtn. (3711977), Altamont (3712166)\*, Amador City (3812047), Ascension Mtn. (3711978), Bartlett Springs (3912226), Bear Valley (3712051), Brush Creek (3912163), Chico (3912167), Cordelia (3812222), Coulterville (3712062), El Portal (3711967), Gilroy (3712115), Hayward (3712261), Hornitos (3712052), Hough Springs (3912225), Jackson (3812037), Jawbone Ridge (3712071), Jericho Valley (3812274), Knoxville (3812273), Leesville (3912224), Lincoln (3812183), Mariposa (3711948), Mitchell Gulch (4012234), Mt. Sizer (3712125), Palo Cedro (4012252), Pilot Hill (3812171), Riley Ridge (3912286), Roseville (3812173), Rosewood (4012235), San Jose East (3712137), Santa Rosa (3812246), Shippee (3912156), Sonoma (3812234), Sonora (3712084), Standard (3712083), Stumpfield Mtn. (3711947), 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**

Threatened by grazing. Potentially threatened by residential or recreational development. Possibly threatened by energy development and non-native plants. See *Annals of the Missouri Botanical Garden* 22:132 (1935) for original description.

## **Threats**

Threatened by grazing. Potentially threatened by residential or recreational development. Possibly threatened by renewable energy development.

## **Taxononmy**

Threatened by grazing. Potentially threatened by residential or recreational development. Possibly threatened by renewable energy development.

## **Selected References**

**Species Account:** *Balsamorhiza macrolepis* 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 18 May 2024].