

## Report for *Physaria kingii* ssp. *bernardina*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Physaria kingii</i> (S. Watson) O'Kane & Al-Shehbaz ssp. <i>bernardina</i> (Munz) O'Kane & Al-Shehbaz
Common Name	San Bernardino Mountains bladderpod
Family	Brassicaceae
Element Code	PDBRA1N0W1
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Lesquerella bernardina</i></u> <u><i>Lesquerella kingii</i> (Wats.) Wats ssp.</u> <u><i>bernardina</i> (Munz) Munz</u>

#### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G5T1
State Rank	S1
CESA	None
FESA	08/24/94 (08/24/94)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-06-08

#### Ecology and Life History

Lifeform	perennial herb
Blooming Period	May-Jun
Elevation m (ft)	1850-2700 (6070-8860)
General Habitats	Lower montane coniferous forest, Pinyon and juniper woodland, Subalpine coniferous forest
Microhabitat Details	
Microhabitat	Carbonate (usually)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>5</b>	<b>42%</b>
<b>Threat List:</b>		
Foot traffic/trampling	3	25%
ORV activity	2	16%
Recreational use (non-ORV)	2	16%
Road/trail construction/maint.	2	16%
Wood cutting or brush clearing	2	16%
Vandalism/dumping/litter	1	8%
Other	1	8%
Mining	1	8%
Non-native plant impacts	1	8%
Dam/Inundation	1	8%
Development	1	8%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	12
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	10
<b>Occurrence Status</b>	
Historical, > 20 years	4
Recent, < 20 years	8
<b>Presence</b>	
Presumed Extant	12
Possibly Extirpated	0
Presumed Extirpated	0

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
San Bernardino (SBD)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Big Bear City (3411637), Big Bear Lake (3411628), Fawnskin (3411638), Moonridge (3411627), Onyx Peak (3411626)	

## 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 from approximately five occurrences in the Big Bear Valley area. Threatened by development, mining, recreational activities, vegetation/fuel management, and vehicles. See *Fremontia* 16(1):20-21 (1988) for discussion of mining threats.

## Threats

## Taxononmy

## Selected References

## Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 3 May 2024].