

## Report for *Boechea johnstonii*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Boechea johnstonii</i> (Munz) Al-Shehbaz
Common Name	Johnston's rockcress
Family	Brassicaceae
Element Code	PDBRA060Y0
USDA Plants Symbol	
Synonyms/Other Names	<u><i>Arabis johnstonii</i> Munz</u>

#### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G1
State Rank	S1
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG; USFS_S
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-06-08

#### Ecology and Life History

Lifeform	perennial herb
Blooming Period	Feb-Jun
Elevation m (ft)	1350-2150 (4430-7055)
General Habitats	Chaparral, Lower montane coniferous forest
Microhabitat Details	often on eroded clay
Microhabitat	Clay

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		7
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>7</b>	<b>70%</b>
<b>Threat List:</b>		
Grazing	7	70%
Foot traffic/trampling	6	60%
Development	5	50%
Non-native plant impacts	5	50%
Wood cutting or brush clearing	3	30%
Recreational use (non-ORV)	2	20%
Road/trail construction/maint.	2	20%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	10
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	9
<b>Occurrence Status</b>	
Historical, > 20 years	8
Recent, < 20 years	2
<b>Presence</b>	
Presumed Extant	10
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** Yes

**Counties**  
Riverside (RIV)

**States**  
California (CA)

**Quads**  
Anza (3311656), Butterfly Peak (3311655), Idyllwild (3311666), Palm View Peak (3311665), San Jacinto Peak (3311676)

**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 southern San Jacinto Mtns. Threatened by recreational and residential development in Garner Valley. Also threatened by grazing and trampling, and possibly threatened by vegetation/fuels management projects. *Boechnera hirshbergiae* is treated as a synonym of this plant in *TJM 2*; see *Harvard Papers in Botany* 11(1):61-88 (2006) for relative taxonomic treatment. See *Bulletin of the Southern California Academy of Sciences* 31:62-63 (1932) for original description, *Rhodora* 43(511):467-468 (1941) for taxonomic treatment, and *Novon* 13(4):381-391 (2003) for revised nomenclature.

## **Threats**

## **Taxonomy**

## **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 30 June 2024].