

Report for *Boechnera johnstonii*

TAXON DETAILS

Classification

Scientific Name	<i>Boechnera 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

Threat List Total:		7
	Total EOs	Percent EOs
EOs with Threats Listed	7	70%
Threat List:		
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

Total Element Occurrences:	10
Element Occurrence Ranks:	
Excellent (A)	1
Good (B)	0
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	9
Occurrence Status	
Historical, > 20 years	8
Recent, < 20 years	2
Presence	
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. *Boechera 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

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 21 May 2024].