

## Report for *Boechnera hoffmannii*

### TAXON DETAILS

#### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Boechnera hoffmannii</i> (Munz) Al-Shehbaz |
| Common Name          | Hoffmann's rockcress                          |
| Family               | Brassicaceae                                  |
| Element Code         | PDBRA060V0                                    |
| USDA Plants Symbol   |   |
| Synonyms/Other Names | <u><i>Arabis hoffmannii</i></u>               |

#### Conservation Status

|                            |                         |
|----------------------------|-------------------------|
| California Rare Plant Rank | 1B.1                    |
| Global Rank                | G1G2                    |
| State Rank                 | S1S2                    |
| CESA                       | None                    |
| FESA                       | 07/31/97 (07/31/97)     |
| Other Status               | SB_CalBG/RSABG; SB_SBBG |
| CRPR Changes               |                         |
| Date Added                 | 1974-01-01              |
| Last Update                | 2021-08-25              |

#### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | perennial herb                                |
| Blooming Period      | Feb-Apr                                       |
| Elevation m (ft)     | 60-395 (195-1295)                             |
| General Habitats     | Chaparral, Coastal bluff scrub, Coastal scrub |
| Microhabitat Details |   |
| Microhabitat         | Rocky, Sandy, Volcanic                        |

## Threat List Data from the CNDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 3                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>3</b>         | <b>43%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Erosion/runoff                 | 3                | 42%                |
| Grazing                        | 1                | 14%                |
| Non-native plant impacts       | 1                | 14%                |

## Element Occurrence Data from the CNDDB

|                                   |   |
|-----------------------------------|---|
| <b>Total Element Occurrences:</b> | 7 |
| <b>Element Occurrence Ranks:</b>  |   |
| Excellent (A)                     | 0 |
| Good (B)                          | 2 |
| Fair (C)                          | 1 |
| Poor (D)                          | 0 |
| None (X)                          | 0 |
| Unknown (U)                       | 4 |
| <b>Occurrence Status</b>          |   |
| Historical, > 20 years            | 3 |
| Recent, < 20 years                | 4 |
| <b>Presence</b>                   |   |
| Presumed Extant                   | 7 |
| Possibly Extirpated               | 0 |
| Presumed Extirpated               | 0 |

## Location

---

**California Endemic** Yes

---

### Counties

---

Santa Barbara (SBA), Ventura (VEN)

---

### States

---

California (CA)

---

### Quads

---

Anacapa Island (3311983)\*, Santa Cruz Island B (3311986), Santa Cruz Island C (3311985), Santa Rosa Island East (3311988), Santa Rosa Island North (3312081)

---

### **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**

Rediscovered independently in 1985 by T. Hesseldenz and S. Junak on SCZ Isl. Feral herbivore populations reduced, but still threatened by feral pigs; also possibly threatened by erosion and non-native plants. Reintroduction work on SCZ Isl. ongoing as of 1996. Recent surveys on ANA Isl. have been unsuccessful. See *Rhodora* 43(511):407 (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].