

## Report for *Horkelia wilderae*

### TAXON DETAILS



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### Classification

|                      |                                 |
|----------------------|---------------------------------|
| Scientific Name      | <i>Horkelia wilderae</i> Parish |
| Common Name          | Barton Flats horkelia           |
| Family               | Rosaceae                        |
| Element Code         | PDROS0W0J0                      |
| USDA Plants Symbol   | <u>HOWI</u>                     |
| Synonyms/Other Names |                                 |

### Conservation Status

|                            |                        |
|----------------------------|------------------------|
| California Rare Plant Rank | 1B.1                   |
| 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                | 2022-01-05             |

### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | perennial herb  |
| Blooming Period      | May-Sep   |
| Elevation m (ft)     | 1675-2925 (5495-9595)   |
| General Habitats     | Chaparral (edges), Lower montane coniferous forest, Upper montane coniferous forest |
| Microhabitat Details |   |
| Microhabitat         |   |

## Threat List Data from the CNDDDB

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 4                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>2</b>         | <b>25%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Foot traffic/trampling         | 2                | 25%                |
| Recreational use (non-ORV)     | 1                | 12%                |
| Road/trail construction/maint. | 1                | 12%                |
| Development                    | 1                | 12%                |

## Element Occurrence Data from the CNDDDB

|                                   |   |
|-----------------------------------|---|
| <b>Total Element Occurrences:</b> | 8 |
| <b>Element Occurrence Ranks:</b>  |   |
| Excellent (A)                     | 2 |
| Good (B)                          | 1 |
| Fair (C)                          | 2 |
| Poor (D)                          | 0 |
| None (X)                          | 0 |
| Unknown (U)                       | 3 |
| <b>Occurrence Status</b>          |   |
| Historical, > 20 years            | 2 |
| Recent, < 20 years                | 6 |
| <b>Presence</b>                   |   |
| Presumed Extant                   | 8 |
| 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 Lake (3411628), Moonridge (3411627) |     |

### **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 fewer than ten occurrences in the Barton Flats area. Threatened by logging and recreational activities. Possibly threatened by vegetation/fuel management. See *Botanical Gazette* 38:460 (1904) for original description.

## **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 11 May 2024].