

## Report for *Potentilla morefieldii*

### TAXON DETAILS

#### Classification

|                      |   |
|----------------------|---|
| Scientific Name      | <i>Potentilla morefieldii</i> B. Ertter |
| Common Name          | Morefield's cinquefoil                  |
| Family               | Rosaceae                                |
| Element Code         | PDROS1B2R0                              |
| USDA Plants Symbol   | <u>POMO18</u>                           |
| Synonyms/Other Names |   |

#### Conservation Status

|                            |                        |
|----------------------------|------------------------|
| California Rare Plant Rank | 1B.3                   |
| Global Rank                | G2                     |
| State Rank                 | S2                     |
| CESA                       | None                   |
| FESA                       | None                   |
| Other Status               | SB_CalBG/RSABG; USFS_S |
| CRPR Changes               |                        |
| Date Added                 | 1994-01-01             |
| Last Update                | 2022-12-06             |

#### Ecology and Life History

|                      |   |
|----------------------|---|
| Lifeform             | perennial herb                            |
| Blooming Period      | Jul-Sep                                   |
| Elevation m (ft)     | 3265-4000 (10710-13125)                   |
| General Habitats     | Alpine boulder and rock field (carbonate) |
| Microhabitat Details |   |
| Microhabitat         |   |

**Threat List Data from the CNDDB**

|                                |                  |                    |
|--------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>      |                  | 4                  |
|                                | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b> | <b>5</b>         | <b>24%</b>         |
| <b>Threat List:</b>            |                  |                    |
| Other                          | 3                | 14%                |
| Road/trail construction/maint. | 2                | 9%                 |
| Foot traffic/trampling         | 2                | 9%                 |
| Erosion/runoff                 | 1                | 4%                 |

**Element Occurrence Data from the CNDDB**

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 21 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 3  |
| Good (B)                          | 3  |
| Fair (C)                          | 0  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 15 |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 10 |
| Recent, < 20 years                | 11 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 21 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

**Location**

**California Endemic** Yes

**Counties**

Inyo (INY), Mono (MNO)

**States**

California (CA)

**Quads**

Boundary Peak (3711873), Juniper Mtn. (3711862), Mt. Barcroft (3711852), Mt. Thompson (3711825)

**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**

See *Brittonia* 44(4):429-435 (1992) for original description.

## **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 8 November 2024].