

## Report for *Peltigera gowardii*

### TAXON DETAILS



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### Classification

|                             |   |
|-----------------------------|---|
| <b>Scientific Name</b>      | <i>Peltigera gowardii</i> Lendemer & H. O'Brien |
| <b>Common Name</b>          | western waterfan lichen                         |
| <b>Family</b>               | Peltigeraceae                                   |
| <b>Element Code</b>         | NLVER00460                                      |
| <b>USDA Plants Symbol</b>   |   |
| <b>Synonyms/Other Names</b> |   |

### Conservation Status

|                                   |                            |
|-----------------------------------|----------------------------|
| <b>California Rare Plant Rank</b> | 4.2                        |
| <b>Global Rank</b>                | G4?                        |
| <b>State Rank</b>                 | S3                         |
| <b>CESA</b>                       | None                       |
| <b>FESA</b>                       | None                       |
| <b>Other Status</b>               | USFS_S                     |
| <b>CRPR Changes</b>               | added to 4.2 on 2014-03-01 |
| <b>Date Added</b>                 | 2014-03-01                 |
| <b>Last Update</b>                | 2021-10-08                 |

### Ecology and Life History

|                             |   |
|-----------------------------|---|
| <b>Lifeform</b>             | foliose lichen (aquatic)  |
| <b>Blooming Period</b>      |   |
| <b>Elevation m (ft)</b>     | 1065-2620 (3495-8595)   |
| <b>General Habitats</b>     | Riparian forest   |
| <b>Microhabitat Details</b> | On rocks in cold water creeks with little or no sediment or disturbance |
| <b>Microhabitat</b>         |   |

## Threat List Data from the CNDDB

|                                       |                  |                    |
|---------------------------------------|------------------|--------------------|
| <b>Threat List Total:</b>             |                  | 8                  |
|                                       | <b>Total EOs</b> | <b>Percent EOs</b> |
| <b>EOs with Threats Listed</b>        | <b>14</b>        | <b>54%</b>         |
| <b>Threat List:</b>                   |                  |                    |
| Altered flood/tidal/hydrologic regime | 7                | 26%                |
| Logging                               | 3                | 11%                |
| ORV activity                          | 2                | 7%                 |
| Recreational use (non-ORV)            | 2                | 7%                 |
| Surface water diversion               | 1                | 3%                 |
| Other                                 | 1                | 3%                 |
| Dam/Inundation                        | 1                | 3%                 |
| Erosion/runoff                        | 1                | 3%                 |

## Element Occurrence Data from the CNDDB

|                                   |    |
|-----------------------------------|----|
| <b>Total Element Occurrences:</b> | 26 |
| <b>Element Occurrence Ranks:</b>  |    |
| Excellent (A)                     | 8  |
| Good (B)                          | 8  |
| Fair (C)                          | 1  |
| Poor (D)                          | 0  |
| None (X)                          | 0  |
| Unknown (U)                       | 9  |
| <b>Occurrence Status</b>          |    |
| Historical, > 20 years            | 2  |
| Recent, < 20 years                | 24 |
| <b>Presence</b>                   |    |
| Presumed Extant                   | 26 |
| Possibly Extirpated               | 0  |
| Presumed Extirpated               | 0  |

## Location

|                           |    |
|---------------------------|----|
| <b>California Endemic</b> | No |
|---------------------------|----|

### **Counties**

Amador (AMA), Butte (BUT), Calaveras (CAL), El Dorado (ELD), Fresno (FRE), Madera (MAD), Mariposa (MPA), Mono (MNO), Placer (PLA), Plumas (PLU), Sierra (SIE), Siskiyou (SIS), Trinity (TRI), Tulare (TUL), Tuolumne (TUO), Yuba (YUB)

### **States**

California (CA), Georgia (GA), Maine (ME), Massachusetts (MA), Montana (MT), New Hampshire (NH), New Jersey (NJ), New York (NY), North Carolina (NC), Oregon (OR), Pennsylvania (PA), Tennessee (TN), Vermont (VT), Virginia (VA), Washington (WA)

### **Quads**

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American House (3912161), Boards Crossing (3812032), Calaveras Dome (3812042), Caldor (3812054), Camp Nelson (3611825), Cascade (3912162), Crandall Peak (3812022), Dinkey Creek (3711912), Dogwood Peak (3912171), Duckwall Mtn. (3712081), Echo Lake (3812071), Emerald Bay (3812081), Etna (4112248), Fish Camp (3711946), Forest Glen (4012333), Freel Peak (3811978), Haypress Valley (3912055), Homewood (3912012), Hull Creek (3812011), Huntington Lake (3711922), La Porte (3912068), Leek Spring Hill (3812063), Mammoth Pool Dam (3711933), Meeks Bay (3912011), Mount Dana (3711982), Muir Grove (3611867), Patterson Mtn. (3611981), Peddler Hill (3812053), Pollock Pines (3812075), Pulga (3912174), Red Cinder (4012142), Robbs Peak (3812084), Rough Spur (3611888), Sentinel Peak (3611815), Shuteye Peak (3711934), Soapstone Hill (3912173), Stanislaus (3812023), Strawberry (3812021), Strawberry Valley (3912151), Westville (3912026), White Chief Mtn. (3711945)

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## **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**

Threatened by hydrological alterations, recreational activities, erosion, logging, and vehicles. Often associated with rich bryophyte flora. See *Bulletin of the California Lichen Society* 13(2):42-44 (2006) for CALS Conservation Committee sponsorship.

## **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 5 May 2024].