

Report for *Buxbaumia viridis*

TAXON DETAILS



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Classification

| | |
|-----------------------------|-----------------------------------------------|
| Scientific Name | <i>Buxbaumia viridis</i> (DC.) Moug. & Nestl. |
| Common Name | green shield-moss |
| Family | Buxbaumiaceae |
| Element Code | NBMUS1B040 |
| USDA Plants Symbol | <u>BUVI2</u> |
| Synonyms/Other Names | |

Conservation Status

| | |
|-----------------------------------|----------------------------------------------------------------------|
| California Rare Plant Rank | 2B.2 |
| Global Rank | G3G4 |
| State Rank | S2 |
| CESA | None |
| FESA | None |
| Other Status | BLM_S; USFS_S |
| CRPR Changes | changed from 2.2 to 2B.2 on 2013-06-12 added to 2.2 on 2011-03-23 |
| Date Added | 2011-03-23 |
| Last Update | 2023-06-06 |

Ecology and Life History

| | |
|-----------------------------|-----------------------------------------------------------------------------------------------|
| Lifeform | moss |
| Blooming Period | |
| Elevation m (ft) | 975-2200 (3200-7220) |
| General Habitats | Lower montane coniferous forest, Subalpine coniferous forest, Upper montane coniferous forest |
| Microhabitat Details | Fallen, decorticated wood or humus |
| Microhabitat | |

Threat List Data from the CNDDDB

| | | |
|---------------------------------------|------------------|--------------------|
| Threat List Total: | | 8 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 5 | 56% |
| Threat List: | | |
| Altered flood/tidal/hydrologic regime | 3 | 33% |
| Foot traffic/trampling | 3 | 33% |
| Other | 3 | 33% |
| Logging | 2 | 22% |
| Mining | 1 | 11% |
| Recreational use (non-ORV) | 1 | 11% |
| Grazing | 1 | 11% |
| Erosion/runoff | 1 | 11% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|---|
| Total Element Occurrences: | 9 |
| Element Occurrence Ranks: | |
| Excellent (A) | 0 |
| Good (B) | 0 |
| Fair (C) | 2 |
| Poor (D) | 2 |
| None (X) | 0 |
| Unknown (U) | 5 |
| Occurrence Status | |
| Historical, > 20 years | 3 |
| Recent, < 20 years | 6 |
| Presence | |
| Presumed Extant | 9 |
| Possibly Extirpated | 0 |
| Presumed Extirpated | 0 |

Location

| | |
|---------------------------|----|
| California Endemic | No |
|---------------------------|----|

Counties

Del Norte (DNT), Humboldt (HUM), Modoc (MOD), Plumas (PLU), Trinity (TRI), Yuba (YUB)

States

California (CA), Colorado (CO), Idaho (ID), Montana (MT), Washington (WA), Wyoming (WY)

Quads

American House (3912161), Board Camp Mtn. (4012366), Davis Creek (4112063), Hayfork Bally (4012362), Mt. Bidwell (4112082), Polar Bear Mtn. (4112385), Strawberry Valley (3912151)

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 trampling, logging, and hydrological alterations; potentially threatened by gold mining; and possibly threatened by recreational activities. Similar to *B. aphylla*.

Threats

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Selected References

CNPS Status Review: Proposed Addition to CRPR 2.2, G3G4 / S2 (2011)

Species Account: *Buxbaumia viridis* account for potential Species of Conservation Concern evaluation (2021)

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 27 April 2024].