

## Conservation Status Assessment

**Scientific Name:** *Clavariadelphus occidentalis*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G4**

**Rank Date:** 4/22/2017

Rank Reasons: Seems to be fairly common in its range, which is restricted to western North America.

**Range Extent:** G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: West coast of North America, found in Alaska, British Columbia, Washington, Oregon, California, and Idaho. Range of approximately 1,960,000 sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** D = 81 - 300

Comments: At least 140-160 occurrences across range, many clusters of occurrences.

**Area of Occupancy:** F = 126-500 4-km<sup>2</sup> grid cells

Comments: A fair number of the occurrences include multiple collections from the similar area covering more than one grid cell. At least 150 grid cells occupied, probably more.

**Good Viability:** D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: At least 13 occurrences (but closer to the low end of this range probably) are in protected areas including: Glacier Bay National Park, Olympic National Park, Mount Rainier National Park, Glacier Peak Wilderness, Salmon-Huckleberry Wilderness, Mount Jefferson Wilderness, Jedediah Smith Redwoods State Park, The Forest of Nisene Marks State Park, Cascadia State Park, Marble Mountain Wilderness. 2002 assessment lists 30 as being protected, so must be including other types of protected areas.

**Environmental Sensitivity:** Not Evaluated

Comments: None

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

This is a mycorrhizal species susceptible to logging activities. Around 10% of the 150 or so collections are from protected sites, the others could be at risk.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G4

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Ron Hamill

**References:**

No additional references listed.

**Definitions and Resources:**

**Rank Prefixes**

- G Global rank, applied to taxon's full geographic range
- S State rank, applied to taxon's range within the designated state

**Rank Values**

- 1 Critically imperiled
- 2 Imperiled
- 3 Vulnerable
- 4 Apparently secure, uncommon but not rare
- 5 Secure, common, abundant, and widespread

Suggested citation:

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

More assessments available at <http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation>

Element rank calculator resources at <http://www.natureserve.org/conservation-tools/conservation-rank-calculator>

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