

## Conservation Status Assessment

**Scientific Name:** *Cortinarius barlowensis*

**Classification:** Fungus

**Assessment area:** Washington

**Heritage Rank:** **S3**

**Rank Date:** 3/9/2017

Rank Reasons: Around 20 occurrences in Washington, 1/3 of which are in protected areas.

**Range Extent:** F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Around 46,000 sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: Around 20 occurrences in the state.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: Around 20 occurrences, mostly with one grid cell occupied each.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: Around 7 occurrences located in a protected area. Located in Olympic National Park, Glacier Peak Wilderness, Henry M. Jackson Wilderness, Mount Baker Wilderness.

**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:

Around 1/3 of occurrences are in protected areas. If unprotected areas are logged on a 40 year rotation, around 16% of sites would be affected in 10 years and 65% in 100 years. Restricted to old growth/late successional conifer forests.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Scot Loring

**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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