

## Conservation Status Assessment

**Scientific Name:** *Phaeocollybia oregonensis*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S2**

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

Rank Reasons: There are 9 known sites in Oregon, one of which is extant but has produced only one collection. See global note.

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

Comments: The Oregon range is 28,095 sq. km. It includes sites in the Coast, west Cascade, and Siskiyou Mountains.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 15 known occurrences in Oregon.

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

Comments: This species occupies 21 grid squares in Oregon.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: One occurrence is in the Columbia River Gorge National Scenic Area.

**Environmental Sensitivity:** B = Narrow. Specialist or community with key requirements common

Comments: A mycorrhizal species of relatively high elevation conifer forests of the *Tsuga heterophylla* zone.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

One of 15 sites is in a permanently protected area. If the other sites is logged on a 40 year rotation, around 24% of sites (4 sites) would be impacted over 10 years and around 93% of sites would be impacted over 100 years. If only one more site were impacted over 10 years, the threat impact score would be high.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**Rank Author:** Michael Russell

**Rank Reviewer:** Lorelei Norvell

**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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