

## Conservation Status Assessment

**Scientific Name:** *Phaeocollybia piceae*

**Classification:** Fungus

**Assessment area:** Oregon

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

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

Assigned Rank Comments: None.

Rank Adjustment Notes: Without the threat impact score the rank is an S2. The medium threat impact score does not include the unpredictable threats like wildfire, climate change and tsunamis on coastal sites.

Additionally only a few additional sites impacted by logging in a 10 year period would raise the threat impact score to high. L. Norvell says "With (at least) 41 known sites in Oregon, most extant and stable, the 2017 assigned global ranking seems appropriate to slightly high)."

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

Comments: The Oregon range is 37,471. There are sites on the west side of the cascades and the Coast and Siskiyou Mountains.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are 55 known occurrences in Oregon.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: This species occupies 73 grid squares in Oregon.

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

Comments: Three sites are in Oregon State Parks.

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

Comments: A mycorrhizal species of Picea sitchensis or Tsuga heterophylla forests.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

## Comments:

Three of 55 sites are not in protected areas. If those sites are logged on a 40 year rotation, around 24% would be impacted over 10 years, and around 95% would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

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