

Conservation Status Assessment

Scientific Name: *Phaeocollybia piceae*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Without the threat impact score the rank is an S2 due to the low number of sites overall. The low threat impact score due to the large number of protected sites results in an S3 ranking. Due to the low overall numbers, which are relatively close to each other, and the uncertainty in predicting risks like wildfire, climate change and tsunamis on coastal sites. L. Norvell says "My data show only 3 sites; the 2017 assigned global ranking seems too low."

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: The Washington range is 2,917 sq. km. Sites are located on the west side of the Olympic Peninsula.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 8 known occurrences in Washington.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: This species occupies 9 grid squares in Washington.

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

Comments: 7 occurrences are in Olympic National Park.

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: D = Low

Comments:

One of eight sites may be vulnerable to logging.

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>

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