

Conservation Status Assessment

Scientific Name: *Phaeocollybia kauffmanii*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: With the same range and threat impact score, to increase the ranking to S4 there would need to be 34 additional occurrences in protected areas or 89 additional grid occupied grid squares by 50 additional occurrences with 6 in protected areas. L. Norvell says "Confirmed from 14 sites in Washington, most believed still extant; have no contradictory data for the current ranking. Population appear stable."

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

Comments: The Washington range is 43,727 sq. km and includes sites in the Olympic and west Cascades Mountains

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are around 31 known occurrences in Washington.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: This species occupies around 33 grid squares in Washington.

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

Comments: Seven occurrences are in permanently protected areas.

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

Comments: A mycorrhizal species of moist coniferous forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 75% of the sites are not in protected areas. If those sites are logged on a 40 year rotation, around 19% of the sites would be impacted over 10 years and around 75% of sites would be impacted over 100 years. 3 sites may be impacted by residential development.

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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