

Conservation Status Assessment

Scientific Name: *Phaeocollybia kauffmanii*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: L. Norvell says "Confirmed from at least 51 historical sites in Oregon, most still extant; have no contradictory data for the current ranking, although S3 seems more appropriate. Populations appear stable. Cited in Polk County Chronosequence study (Norvell & Exeter 2004)." (Norvell, Lorelei L.; Exeter, Ronald L. 2004. Ectomycorrhizal epigeous basidiomycete diversity in Oregon's coastal montane *Pseudotsuga menziesii* forests – preliminary observations. IN Fungi in Forest Ecosystems: Diversity, Ecology, and Systematics, Cathy Cripps (ed.). Memoirs of the New York Botanical Garden 89: 159-189.)

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

Comments: The Oregon range is 48,740 sq. km. It includes sites in the Coast, Cascades, and Siskiyou Mountain ranges.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are about 63 known occurrences in Oregon.

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

Comments: This species occupies around 83 grid squares in Oregon.

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

Comments: There is one occurrence in a state park, and another that is partially in a wilderness area.

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 97% of the sites are not in a protected area. If those sites are logged on a 40 year rotation, around 25% of the sites would be impacted over 10 years, and around 97% would be impacted over 100 years. Three 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>

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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