

Conservation Status Assessment

Scientific Name: *Phaeocollybia sipei*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: L. Norvell says "Given the large number of specimens delivered each year for confirmation from Coos County and with 268 identifications in my phaeocollybia database, populations appear stable enough to accept an S3 rank. Found on pre-clear site in Density Management study in 1998, but not after clear cut (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 30,592 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 70 known occurrences in Oregon

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

Comments: This species occupies about 108 grid squares in Oregon.

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

Comments: Two occurrences are in Oregon State Parks.

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

Comments: A mycorrhizal species of low elevation, moist coniferous forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 95% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 24% of sites 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>

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