

Conservation Status Assessment

Scientific Name: *Phaeocollybia fallax*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3S4**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: With >62 known sites distributed more or less evenly on the western Cascade slope and coastal regions, assigned ranking for Oregon seems appropriate to slightly high. See global notes for additional info. Cited from Polk & Benton Counties in Norvell & Exeter (2004).

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

Comments: The Oregon range is 48,439 sq. km. There are sites in the West cascades, and the Coast and Siskiyou mountains, and along the coast.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 66 known occurrences documented by precise location coordinates in agency or herbarium databases. There are also about 5 additional occurrences documented by herbarium collections with less precise location information.

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

Comments: This species occupies about 98 grid squares in Oregon.

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

Comments: 5 occurrences are in State Parks, Wilderness areas, or national Scenic areas.

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

Comments: A mycorrhizal species mostly found in late seral conifer forest.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

About 90% of the occurrences are not in protected areas. If those sites are logged on a 40 year rotation, about 22% of sites would be impacted over 10 years and about 90% of sites 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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