

Conservation Status Assessment

Scientific Name: *Phaeocollybia gregaria*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S1S2**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Must match G-rank. See global ranking notes.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The Oregon Range is 7,065 sq. km. Most sites are in the Oregon Coast range in Tillamook, Polk, Lincoln, and Benton counties with additional sites in the West Cascades in Linn and Clackamas Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 8 known sites in Oregon.

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

Comments: This species occupies 13 grid squares in Oregon

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None of the known Oregon occurrences are in permanently protected areas.

Environmental Sensitivity: AB = Very narrow to narrow

Comments: A mycorrhizal species typically found in late seral *Tsuga heterophylla* and *Picea sitchensis* forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: BC = High - Medium

Comments:

None of the eight sites is in a protected area. In a 40 year timber harvest rotation about 25% of the sites (2) would be impacted over 10 years and all sites over 100 years. If a third site were impacted over 10 years that would increase the risk score to high.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell; Lindsey Wise

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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