

Conservation Status Assessment

Scientific Name: *Phaeocollybia pseudofestiva*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2S3**

Rank Date: 5/22/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: Need to match global rank. Taxonomic questions about this complex, sites may not represent a single taxa. See global notes.

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

Comments: The Oregon range is 49,374 sq. km. It includes sites west of the Cascades Crest in the Coast, Cascade, and Siskiyou Ranges.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 39 known occurrences documented with precise coordinate locations in the agency and mycoportal.org databases. There are an additional three occurrences documented by herbarium collections with less precise location information.

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

Comments: There are about 63 grid squares occupied by this species in Oregon.

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

Comments: One Occurrence is in an Oregon State park, 1 is in the Columbia River Gorge National Scenic area, and 2 are in wilderness areas for a total of 4 sites in permanently protected areas.

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

Comments: A mycorrhizal species generally found in late seral forest.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Only 4 of 39 grid squares are in permanently protected areas. If the other sites are logged on a 40 year rotation, around 23% of sites would be impacted over 10 years and around 90% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

Rank Reviewer: Lorelei Norvell; Lindsey Wise

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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