

Conservation Status Assessment

Scientific Name: *Phaeocollybia spadicea*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Very few known sites, but most are protected by Olympic National Park. L. Norvell says "With absorption of *tibiikauffmanii* data, the number of sites in Washington has increased from 3 to 6. The 2017 assigned rank seems appropriate."

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)

Comments: The Washington Range is 599 sq.km. It includes sites in the western Olympic Peninsula in Clallam and Jefferson Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 6 known occurrences in Washington.

Area of Occupancy: CD = 3-25 4-km² grid cells

Comments: This species occupies 6 or so grid squares in Washington.

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

Comments: Three occurrences are mapped within the Borders of Olympic National Park. The fourth is mapped just outside the border.

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

Comments: *P. spadicea* is restricted to very moist mesic late successional and old growth coniferous forests. It is associated with coastal or low-lying closed-canopy stands containing *Tsuga heterophylla*, *Picea sitchensis*, *Pseudotsuga menziesii*) and rarely in mixed deciduous/coniferous (*Pinus*, *Pseudotsuga*, *Lithocarpus*, *Quercus*) forests, (Norvell. 1998a. The biology and taxonomy of Pacific Northwest species of *Phaeocollybia* Heim. 391 pp. ALSO Norvell. 1998b. . Observations on the development, morphology, and biology of *Phaeocollybia*. *Mycological Research* 102:615-630.)

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:
One of the known sites may be threatened by timber harvest

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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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