**Conservation Status Assessment**

**Scientific Name:** *Phaeocollybia oregonensis*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** G2

**Rank Date:** 3/9/2017


**Range Extent:** $F = 20,000-200,000$ sq km ($\sim 8,000-80,000$ sq mi)

Comments: This species includes specimens which have been considered 2 species, P. oregonensis and P. carmanahensis. Mycoportal.org has the P. carmanahensis collection listed under that species, but a recent treatment (Norvell, L. and R. Exeter 2008. Phaeocollybia of Pacific Northwest North America USDI-BLM/OR/WA/GI-08/100-1792, Salem, Oregon 228 p.) has them lumped as a single species with P. oregonensis as the correct name. The range including the P. carmanahensis sites in British Columbia (southwest Vancouver island, and in Mount Seymour on the mainland near Vancouver) is 90,477 sq. km. The 2002 ranking by L. Norvell also mentions a population on the west slopes of Mt. Adams, which is within the polygon of the BC to Oregon Range. The sites in the agency databases and under P. oregonensis in the Mycoportal database are all in Oregon. They include sites in the Coast, west Cascade, and Siskiyou Mountains. The range of P. oregonensis sites in mycoportal.org and the agency databases is restricted to Oregon and is 28,095 sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** $B = 6 - 20$

Comments: There are 15 occurrences with precise coordinate location data in the agency or mycoportal.org database. There are three additional occurrences mentioned in the 2002 ranking by L. Norvell.

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

Comments: This species occupies 21 - 24 grid squares.
**Good Viability:**

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

Comments: There are 3 sites in Provincial Parks or in the Columbia River Gorge National Scenic Area.

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**Environmental Sensitivity:**

B = Narrow. Specialist or community with key requirements common

Comments: A mycorrhizal species of relatively high elevation conifer forests of the Tsuga heterophylla zone.

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**Short Term Trends:**

Not Evaluated

Comments: None

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**Long Term Trends:**

Not Evaluated

Comments: None

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**Threat Impact:**

C = Medium

Comments:

15 of the 18 known sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 22% of sites would be impacted over 10 years, and around 88% of sites would be impacted over 100 years.

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**Intrinsic Vulnerability:**

Not Evaluated

Comments: None

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**Calculated Rank:**

G2

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**Rank Author:**

Michael Russell

**Rank Reviewer:**

Lorelei Norvell

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**References:**

No additional references listed.

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**Definitions and Resources:**

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<tr>
<th>Rank Prefixes</th>
<th>Rank Values</th>
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Suggested citation:

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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