

## Conservation Status Assessment

**Scientific Name:** *Ramaria coulterae*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S2S3**

**Rank Date:** 5/29/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: The ranking depends on the threat impact score. A score of high results in a rank of S2 while a score of medium results in a rank of S3. R. Hamill adjusted to S2 because it is "possibly habitat restricted , most collections clustered in small geographic areas." Given uncertainty about threat level, ranked as S2S3.

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

Comments: The Oregon range is 73,323 sq. km. There are sites in the Cascades from Linn and Jefferson counties to Jackson and Klamath Counties. There are also sites in the eastern Siskiyou mountains in Josephine county and in the Blue Mountains of Umatilla and Union Counties.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are 35 known occurrences of this species in Oregon. There are 30 occurrences documented in agency or herbarium databases with precise location coordinates. There are about 5 more sites documented with less precise location information.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: This species occupies 65 grid squares in Oregon.

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

Comments: none of the occurrences are in permanently protected areas.

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

Comments: This is a mycorrhizal species associated to late successional forests

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Ron Hamill; Lindsey Wise

**References:**

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2003. Handbook to additional fungal species of Special Concern in the Northwest Forest Plan. USDA Forest Service, General Technical Report PNW-GTR-572.

Cazares, E. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: [http://orbic.pdx.edu/documents/survey/ramaria\\_coulterae\\_global.pdf](http://orbic.pdx.edu/documents/survey/ramaria_coulterae_global.pdf).

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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