

Conservation Status Assessment

Scientific Name: *Ramaria stuntzii*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: With the same range and threat impact score, If there is a single additional occurrence in a permanently protected area, the calculated rank would be G4. This species is mostly found in low elevation forests, an area with fewer protected areas than the high Cascades. However there are several low elevation wilderness area or parks that could harbor the single undocumented occurrence required for the higher ranking, therefore I gave this species a G4 ranking.

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: The range is 447,583 sq. km. It includes sites in the west slopes of the Cascades and Coast mountains of British Columbia, Washington, Oregon And Northern California. There are also sites east of the Cascades crest in the Okanogan Highlands of British Columbia and the Columbia River Gorge. One site is in the Idaho Panhandle (Shoshone County).

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: There are 117 known occurrences

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

Comments: This species occupies 160 grid squares across its range.

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

Comments: 12 occurrences are located in State, National, or Regional Parks, wilderness areas, or research natural areas.

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

Comments: A mycorrhizal species of conifer forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 90% of the occurrences are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 22% of the sites would be impacted over 10 years and 90% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Michael Russell

Rank Reviewer: Ron Hamill

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

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