

Conservation Status Assessment

Scientific Name: *Ramaria lorithamnus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3Q**

Rank Date: 6/4/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: R. Hamill says "all but two collections are from southern hemisphere, strange for mycorrhizal spp. NW North Am. collection sequences should be compares to so. Hemisphere collections." Cazares wrote in 2002, "Further molecular studies should be done to the type specimens to determine if *R. lorithamnus* and *R. synaptopoda* are synonyms. If they are synonyms, this species also occurs in Australia and New Zealand." There are several recently documented sites in Australia and New Zealand. If the Washington specimens are a different species, the rank would be G1.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The range includes sites in Australia, New Zealand, and Chile in the Southern Hemisphere. In Washington there are sites in Mount Rainier National Park and the Southern Olympic Mountains of Washington and in Coos County Oregon. In the 2002 ranking, E. Cazares states that he believes they are actually different species, but he doesn't have conclusive data.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are at least 25 known sites of this species across its range, including southern hemisphere sites.

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

Comments: This species occupies at least 25 grid squares across its range when including the southern hemisphere sites.

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

Comments: Three occurrences are in National Parks.

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

Comments: A mycorrhizal species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:
May be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Michael Russell; Lindsey Wise

Rank Reviewer: Ron Hamill; 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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