

Conservation Status Assessment

Scientific Name: *Rickenella swartzii*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 1/11/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: If there are an additional 7 occurrences with either 40 additional occupied grid squares or 6 more occurrences in permanently protected areas and the same range and threat impact score, the calculated rank would be G4. Considering the wide range of this species it is reasonable to assume that those sites do exist, therefore I gave the species a G4 ranking.

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

Comments: The range of this species is over 2.5 million sq. km. There are sites in Europe including England, Netherlands, Finland, France, Sweden and the Czech Republic . In eastern North America there are sites in Nova Scotia, New York, North Carolina, Quebec, Michigan, Wisconsin and, Illinois. In the Rockies there are sites in Colorado and possibly Montana. In the Pacific West there are sites in northern and southern British Columbia, western Washington, western Oregon, and Coastal California north of Marin County.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 74 known occurrences of this species across its range.

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

Comments: This species occupies at least 78 grid squares across its range.

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

Comments: 5 occurrences are in state or national parks.

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

Comments: Associated with moss in forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 10 sites have a city or town as the locality information, and there are about another 10 sites that are apparently not on public land in eastern North America and Europe. Those sites may be threatened by residential development. Approximately 94% of sites are not in protected areas. If those sites are logged on a 40 year rotation, around 23% of sites would be impacted over 10 years, and around 94% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

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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