

Conservation Status Assessment

Scientific Name: *Rickenella swartzii*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 1/11/2017

Rank Reasons: I recently found ~10 more sites of this species in eastern Lane Co (near Jasper, out past Marcola, and near London). Estimating the locations (I do not have precise locations available at the moment), I expanded the OR range polygon to just above 18,000km. However, the increase in OR range and number of occurrences does not change rank factors.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The Oregon Range is 15,205 sq. Km. the sites are mostly in the Coast range from Polk to Coos and Douglas Counties, but there is also a site in the Cascade foothills of Lane County.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 22 known occurrences in Oregon.

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

Comments: This species occupies 24 grid squares in Oregon.

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

Comments: No occurrences are in permanently protected areas.

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

Comments: Associated with moss in late successional forests and often found in alpine areas.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

None of the sites are in permanently protected areas. If the sites are logged on a 40 year rotation, 25% would be impacted over 10 years and 100% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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>

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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