

Conservation Status Assessment

Scientific Name: *Sowerbyella rhenana*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 1/13/2017

Rank Reasons: This is a conspicuous and relatively distinctive species which is likely to be noticed and documented during fungal surveys.

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

Comments: The global range is greater than 10 million sq. km. In Western North America there are sites in the North slope of Alaska, in the Pacific state and provinces from Southern British Columbia to Santa Cruz County, California, and in the Rockies of the Idaho Panhandle and Eastern Arizona. In eastern North America there are collections from Wisconsin, Michigan, Quebec, Nova Scotia, Maine, New Hampshire, Vermont, New York, Connecticut, Massachusetts, Pennsylvania, North Carolina, and Georgia. There is one collection from Santiago, Chile. It was described from Europe and there are reports from Denmark, Sweden, Norway, and the United Kingdom. There are also collections from Mount Fuji and Sendai, Japan and Sichuan, China.

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: There are at least 82 known occurrences of this species across its range.

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

Comments: This species occupies about 101 grid squares across its range.

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

Comments: 10 occurrences are in State or national parks, national recreation areas, or wilderness areas.

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

Comments: A saprotroph on duff of older forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Approximately 87% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation around 22% of sites would be impacted over 10 years, and around 87% 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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