

Conservation Status Assessment

Scientific Name: *Sowerbyella rhenana*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2S3**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: This is a conspicuous and relatively distinctive species which is likely to be noticed and documented during fungal surveys. The ranking depends on the threat impact score. A score of high results in a rank of S2 while a score of medium results in a rank of S3. Due to the uncertainty of predicting the impacts of threats I gave this variety a rank of S2S3.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The Oregon range is about 37,000 sq. km. There are sites in the West Cascades from Clackamas to Jackson Counties, the Coast Range from Benton to Coos Counties, and the Siskiyou Mountains of Josephine and Curry County. S. Loring has an additional site off of Conde Cr Rd just north of Howard Prairie, east of Ashland in Jackson Co.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 36 known occurrences in Oregon.

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

Comments: This species occupies about 55 grid squares in Oregon.

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

Comments: One collection is from a wilderness area.

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 97% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 24% of sites would be impacted over 10 years and around 97% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

Rank Reviewer: Scot Loring

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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