

## Conservation Status Assessment

**Scientific Name:** *Sowerbyella rhenana*

**Classification:** Fungus

**Assessment area:** Washington

**Heritage Rank:** **S1S2**

**Rank Date:** 1/13/2017

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 S1 while a score of medium results in a rank of S2. Due to the uncertainty of predicting the impacts of threats I gave this variety a rank of S1S2.

**Range Extent:** D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: The Washington Range is 4,364 sq. km. There is one site in the Northwestern Olympic Mountains and three more in the west cascades of Peirce and Lewis Counties.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There are 4 known occurrences of this species in Washington.

**Area of Occupancy:** C = 3-5 4-km<sup>2</sup> grid cells

Comments: This species occupies 4 grid squares in Washington.

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

Comments: One occurrence is in Mount Rainier National Park.

**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:

3 of the 4 occurrences may be threatened by timber harvest.

**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

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>