

## Conservation Status Assessment

**Scientific Name:** *Sowerbyella rhenana*

**Classification:** Fungus

**Assessment area:** California

**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 California range is 43,043 sq. km. There are site in the Coastal Mountains from Del Norte to Santa Cruz Counties and one site in the eastern Siskiyou Mountains of Siskiyou County. S. Loring knows of an additional site just NW of Hayfork in Trinity Co, within the current CA range polygon, and it does not change any range factors.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: There are 12 known sites in California.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: This species occupies 12 grid squares in California.

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

Comments: 5 occurrences are in state parks or the Smith River National Recreation 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:

6 of 12 sites may be threatened by timber harvest.

**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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