

Conservation Status Assessment

Scientific Name: *Mycena overholtsii*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S3**

Rank Date: 12/5/2016

Rank Reasons: In Washington the known sites are restricted to high elevation areas in the Cascade

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

Comments: The Washington range is 14,983 sq. km and includes the Cascade Mountain Range with many sites on the east side of the crest.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 28 occurrences of this species in Washington.

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

Comments: This species occupies 41 grid squares in Washington.

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

Comments: There are 6 occurrences in Wilderness areas or National parks.

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

Comments: This "snowbank" mushroom is a decomposer of woody debris in high elevation conifer forests

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

There are 6 of the 28 occurrences in Washington that are in protected areas. If the other sites are logged on a 40 year rotation, around 6% of the sites would be impacted over 10 years and around 80% would be

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

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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