

Conservation Status Assessment

Scientific Name: *Mycena overholtsii*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 12/5/2016

Rank Reasons: The range size depends on a disjunct collection from Southwest Idaho. Without that

Range Extent: G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: The range of this species is 366,380 sq. km. It includes The Cascade Mountains from British Columbia to southern Oregon and the Northern California Coast Range in Humboldt County. There is also a single collection from the Owyhee Mountains in Southwest Idaho

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 79 known occurrences of this species

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: Known sites occupy 134 grid squares.

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: 13 sites are in US National Parks or Wilderness areas or Canadian Provincial 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:

13 out of 79 occurrences are in permanently protected areas. If the other sites are logged on a 40 year rotation, about 21% of the sites would be impacted over 10 years and about 80% of the sites would be

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

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/>