

Conservation Status Assessment

Scientific Name: *Mycena hudsoniana*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2G3**

Rank Date: 12/1/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: Without the threat impact score the ranking would be G2 (or with a score of high), with a score of medium the score is G3. If the estimated number of sites impacted over 10 years was increased by 8 percentage points it would have gotten a high score and a G2 ranking.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: Sites include collections from BC, Alberta, Idaho, Washington, Oregon, California, and Minnesota. There is also a collection from Italy in the SFSU herbarium. The range of the American collections is 201,000 sq. km. Including the Italian collections expands the range to well above 2.5 million sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 22 known occurrences.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: Known sites occupy 22 grid squares.

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

Comments: One occurrence is in a Canadian Provincial park, Two are in Olympic National Park, A fourth is listed as near a California State Park.

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

Comments: A duff inhabiting "snowbank" mushroom of high elevation conifer forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 85% of sites are not protected. If those sites are logged on a 40 year rotation, around 22% would be impacted over 10 years and 85% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

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/>