

## Conservation Status Assessment

**Scientific Name:** *Muscinupta laevis*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G3?**

**Rank Date:** 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Found over a wide range, but relatively rare considering its range. Listed in other countries, but also a fair number of new occurrences in British Columbia and Alaska in the last few years. Likely to be unreported sites.

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

Comments: Found in North America, and Europe. Found in Italy, Germany, Austria, Czech Republic, France, Norway, Mexico, Puerto Rico, Alaska, British Columbia, Washington, Oregon, Idaho, New York, Connecticut, New Hampshire, Vermont, and Quebec.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: Around 70 occurrences worldwide. New collections in British Columbia and Alaska since the last assessment.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: At least 70 occupied grid cells.

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

Comments: Around 5 occurrences in protected areas. Found in Lower Seymour Conservation Reserve, Olympic National Park, edge of Sky Lakes Wilderness.

**Environmental Sensitivity:** Not Evaluated

Comments: None

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** BC = High - Medium

**Comments:**

In 2002 assessment Hawes said: "Moderate and imminent threat. This species is redlisted in Norway and Switzerland. Widespread logging, road and trail construction, or other activities that destroy the mossy substrate on which this species occurs may threaten this species." There are about 4 occurrences in the United States in protected areas. Scope ranked as a range high-low because the species is listed elsewhere and potentially at risk. Based on a 40 year logging rotation assessment we have used as a guide the rating would come out as a medium threat, however, the threat may be higher based on the last assessment.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Scot Loring

**References:**

Lawrey, J.D.; Lucking, R.; Sipman, H.J.M.; Chaves, J.L.; Redhead, S.A.; Bungartz, F.; Sikaroodi, M.; Gillevet, P.M. 2009. High concentration of basidiolichens in a single family of agaricoid mushrooms (Basidiomycota: Agaricales: Hygrophoraceae). *Mycological Research*. 113(10):1154-1171.

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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