

Conservation Status Assessment

Scientific Name: *Pholiota nubigena*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **SH**

Rank Date: 5/18/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: One site based on historical collections from 1948. Current status unknown.

Range Extent: A = <100 sq km (< ~40 sq mi)

Comments: There is a single site in Washington from the Cascade Mountains near Mirror Lake by Mount Adams in Yakima County. The site was documented by four collections from 1948 by W.B. Cooke. Those collections were not mentioned in the 2002 ranking by F. Camacho, nor the Handbook to Strategy 1 Fungi Species (Castellano, Michael A., J. E. Smith, T. O'Dell, E. Cazares & S. Nugent. 1999. Handbook to Strategy 1 Fungal Species in the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-476. Portland, Oregon: United States Department of Agriculture, Forest Service, Pacific Northwest Research Station), but it is mentioned in an older reference (Singer, R., A.H. Smith. 1959. Studies on secotiaceous fungi - V. Nivatogastrium gen. Nov. Brittonia 11:224-228).

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There is a single occurrence in Washington.

Area of Occupancy: A = 1 4-km² grid cell

Comments: This species occupies a single grid square in Washington.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: The only site is on the Yakima Nation Indian Reservation.

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

Comments: A saprotroph of conifer (primarily *Abies* spp. But some collections report *Tsuga mertensiana* or *Pinus contorta*) wood in high elevation forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S1

Rank Author: Michael Russell

Rank Reviewer: Matt Trappe; Lindsey Wise

References:

Redhead. 2014. Index Fungorum 148:1.

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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