

Conservation Status Assessment

Scientific Name: *Mycena quiniaultensis*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2S3**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Before including the threat impact score the rank was calculated as G2. With the medium threat impact score the rank is G3. The G2G3 rank is due to the uncertainty in predicting the exact number of sites that could be impacted in the future. S. Loring says - There is an additional occurrence just west of Winthrop in Okanogan Co. The additional occurrence and the extension in range do not change rank factors.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The known range is about 31,000 sq. km. It includes sites on the Olympic peninsula and the western Cascades. There is an additional site from the Okanogan National Forest that is listed in the Strategy 1 fungi guide (Castellano, M. A., Jane E. Smith, Thom O'Dell, Efren Cazares and Susan Nugent.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 18 occurrences in Washington. If the Okanogan site were included there would be 19 occurrences.

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

Comments: This species occupies 23 grid squares in Washington. If the Okanogan site is included it would be 24.

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

Comments: There are 7 occurrences in National Parks or research natural areas.

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

Comments: A decomposer of litter and wood in coniferous forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 37% of the sites are in protected areas. If the other sites are logged on a 40 year rotation, around 16% would be impacted over 10 years and around 63% would be impacted over 100 years. 2 sites are in

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

Rank Reviewer: Scot Loring

References:

Smith, A.H. 1935. Studies in genus Mycena - II. Mycologia. 27:586-604.

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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