

## Conservation Status Assessment

**Scientific Name:** *Mycena quiniaultensis*

**Classification:** Fungus

**Assessment area:** Global

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

**Rank Date:** 12/5/2016

Rank Reasons: This species is a pacific northwest endemic and has limited known sites.

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

Comments: The range is 135,237 sq. m. It includes sites in the Olympic mountains, the Pacific coast of the Olympic Peninsula, the Puget trough, the cascade and Siskiyou mountains in Oregon, and near the California Coast in Del Norte and Humboldt Counties.

**Population Size:** Not assessed

Comments: None

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

Comments: There are 29 known occurrences.

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

Comments: This species occupies about 38 grid squares

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

Comments: There are around 12 sites in National Parks, State parks, Research Natural Areas, or National Recreation 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 40% of the sites are in protected areas. If the other sites are logged on a 40 year rotation, around 15% of the sites would be impacted over 10 years and around 60% would be impacted over 100 years. 4 of

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**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

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>