

## Conservation Status Assessment

**Scientific Name:** *Pseudaleuria quinaultiana*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S2**

**Rank Date:** 12/31/2016

Assigned Rank Comments: None.

**Range Extent:** DE = 1000-20,000 sq km (~400-8000 sq miles)

Comments: In Oregon there are two known sites that are about 50 km apart in the west Cascades of Marion and Linn Counties. In the 2002 ranking, N. Weber lists an additional 2 sites that she has observed, one in Clackamas County, and one in the Drift Creek Wilderness in the Lincoln County Coast Range. She also alludes to a collection from Lane County with no locality data. Including those sites would increase the range to slightly more than 5,000 sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There are 2 known occurrences in Oregon documented in agency or herbarium databases. In the 2002 ranking, N. Weber mentions 3 additional observations she has made.

**Area of Occupancy:** C = 3-5 4-km<sup>2</sup> grid cells

Comments: This species occupies about 4 grid squares in Oregon.

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

Comments: One of the occurrences is in Silver Falls State Park. One of N. Weber's collections mentioned in the 2002 ranking is from the Drift Creek Wilderness Area.

**Environmental Sensitivity:** A = Very narrow. Specialist or community with key requirements scarce

Comments: This species is dependent on small scale disturbance associated with mature conifers, a rather unusual habitat.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:  
3 of the 5 known occurrences may be threatened by logging.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**  
No additional references listed.

**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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