

Conservation Status Assessment

Scientific Name: *Pachycudonia monticola*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 2/8/2018

Rank Reasons: Around 12 occurrences, 3 in protected areas.

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

Comments: Range of around 47,000 sq. km. Found in the west side of the state.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 10 occurrences. Survey and Manage records have an additional two sites located in WA.

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

Comments: Around 12 occupied grid cells.

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

Comments: 3 occurrences are in protected areas. Olympic National Park and Norse Peak Wilderness.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

In the 2002 assessment Weber said: "Mostly found in mature moist coniferous forests and typically associated with very rotten wood which may be buried. Thus ground-disturbing activities that reduce the amount of rotting wood and interrupt the addition of fresh wood to rot could impact the species. Other threats include logging, thinning, or other activities that would change the humidity, light patterns, and composition of the habitats."

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence; Lindsey Wise

Rank Reviewer: Scot Loring; Lindsey Wise

References:

Imai, S. 1950. The Botanical Magazine, Tokyo 63: 235.

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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