

Conservation Status Assessment

Scientific Name: *Pachycudonia monticola*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3**

Rank Date: 2/8/2018

Rank Reasons: Around 50 sites across the west side of the state, 2 in a protected area.

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

Comments: Around 63,000 sq. km range. Found on the west side of the state.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: Around 45 occurrences in Oregon with an addition six sites from survey and manage records.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: Around 55 occupied grid cells. A few clusters of occurrences.

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

Comments: Only 2 occurrences in protected areas. One occurrence in Copper Salmon Wilderness, one in Mount Jefferson 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:

2 occurrences in protected areas. Others could be at risk from logging or other development. Weber in the 2002 survey 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: S3

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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