

Conservation Status Assessment

Scientific Name: *Albatrellus avellaneus*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Reasons: Small number of occurrences. One or maybe more protected.

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

Comments: Low end of this, around 22 000, the 2006 occurrence puts the range into F.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: From Norvell 2002: "5 out of 8 occurrences in Washington have been confirmed. Known sites are Quinault RNA (ONP), Mt Angeles (ONP), Copalis Beach, Lake Quinault (ONP) and the Friday Harbor Research Station in the San Juan Islands. A 6th [unverified] collection from the Olympic Peninsula reported in 2001 PSMS "Spore Prints" is now at WTU." Looks like at least 2 additional occurrence since 2002 assessment. About 9 or so, with some clusters of collections that count as one occurrence.

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

Comments: Mid range of this, around 13.

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

Comments: One or 2 in Olympic National Park (although the gaps coordinates seem off on this occurrence). Also a couple in Quinault Research Natural Area. Perhaps more are protected (depending on how this protection remains going forward) as From Norvell 2002: Of the 8 WA occurrences, 3-5 Washington sites are protected, including one in a late-successional reserve and (possibly) one in a Riparian reserve. If LSR management policies change and if the possible Riparian reserve collection was made in the matrix, there will be only four protected occurrences, none of which are managed for the fungus. It is possible that other occurrences will be found in unexplored forests. 3-4 historical sites within the Olympic National Park. Only 2 collections have been made of the species in WA since 1985. The viability of most historical collections has not been demonstrated. One site is protected in a late-successional forest reserve. If late-successional and/or riparian reserves are opened to logging, road construction, or development, the number of protected and managed occurrences could decrease to 0 (Rank A). None of the sites are being managed for the fungus; however the health of the fungus is tied to that of the trees at the site.

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:

1 to 3 of 8 occurrences in Washington are on protected land. Perhaps this number is even higher, but at 1/9 if the unprotected sites are logged on a 40 year rotation, about 22% will be impacted over 10 years and 88% would be impacted in 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Lorelei Norvell

References:

No additional references listed.

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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