

Conservation Status Assessment

Scientific Name: *Albatrellus avellaneus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S1S2**

Rank Date: 5/7/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: Very few occurrences and a narrow habitat preference, would be an S1 were in not for the most eastern point so this point should be confirmed.

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

Comments: Around 2100 sq. km (4400 sq. km. without the Sky Lakes 2007 occurrence). There is a Mycoportal record of this species in the Sky Lakes Wilderness area that extends the range. This might not be the correct habitat but the sample is included, as other records have also shown the species in Idaho and Colorado.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: 5 occurrences. 2002 assessment lists two collections of the species. There seem to potentially be a few more but still quite rare. One of the newer collections is a revisit to the historic cascade head location. There is also a collection in what seems like it might not be the right habitat but it is included in the analysis.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: 5 occurrences

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

Comments: One occurrence is in Shore Acres State Park and another in Sky Lakes Wilderness Area. Also, there is a recollection from the 1970 collection at Cascade head, could indicate site is still viable. From 2003 notes "populations are expected to be threatened by clearcutting, heavy thinning, and hot fires but possibly not by low thinning." Additionally species is slow growing and slow reproducing.

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:

From Norvell in 2002 - Location (in the coastal lowlands), apparent preference for *Picea sitchensis*, and late-successional forests suggest narrow environment specificity. Also, about 2 of 5 are on protected land. If the unprotected sites are logged on a 40 year rotation, about 15% or 1 site would be impacted in 10 years and 60% in 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Lorelei Norvell; Lindsey Wise

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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