

## Conservation Status Assessment

**Scientific Name:** *Albatrellus avellaneus*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G3**

**Rank Date:** 3/9/2017

Assigned Rank Reasons: Fairly small number of occurrences, about a quarter of which are in protected areas. No new data to contradict assigned rank. This taxon still retained in *Albatrellus* after sequence analyses re Audet (2010: 441). (Audet, Serge. 2010. Essai de découpage systématique du genre *Scutigera* (Basidiomycota): *Albatrellopsis*, *Albatrellus*, *Polyporoletus*, *Scutigera* et description de six nouveaux genres. Mycotaxon 111: 431–464. )

**Range Extent:** G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: One collection in Colorado makes this range significantly larger than the 2002 assessment. Norvell in 2002 says "Endemic to the coastal lowlands in the northern spotted owl region. Only 11 collections known (8 historical, 3 recent) from WA (4), OR (2), and CA (1, type locality) [Norvell 1995, Castellano et al 1999]. One [unverified] collection reported in "Spore Prints" (2001) is now curated in WTU. Only 3 occurrences are verified in the ISMS (2002) database." If Colorado and Idaho samples are incorrect, range would be much reduced but not affect overall rank.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: Some were clusters and it may be a few more than 20.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: A few clustered occurrences cover more than one grid cell, making the area of occupancy in the upper area of this range, about 21 cells.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: occurrences in Redwood State Park, Olympic National Park (GPS coordinates for these occurrences seem to be off) and Sky Lakes Wilderness. Found in British Columbia on 2 islands part of Gwaii Haanas National Park Reserve and Haida Heritage Site. Also found in Quinault Research Natural Area, Shore Acres State Park. No sites specifically protect the species.

**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:

Around one quarter are in protected areas (5 or maybe 6 or 7 of 20 or so occurrences). If the unprotected sites are logged on a 40 year rotation, about 18% would be logged in 10 years and 75% over 100 years. From Norvell 2002 "At least 3-6 historical sites could have sufficiently been altered that the populations have been extirpated from those sites. Populations will be threatened by hot fires, road construction, development, and clearcutting or heavy thinning. Only 3 occurrences are verified in the northwest spotted owl region of the species since 1985."

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Lorelei Norvell

**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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