

## Conservation Status Assessment

**Scientific Name:** *Albatrellus ellisii*

**Classification:** Fungus

**Assessment area:** Global

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

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

Assigned Rank Comments: None.

**Range Extent:** H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: Occurs on the west coast from Southern British Columbia to Northern California. Found in Colorado, New Jersey, North Carolina, Idaho, New Mexico, Arizona, Wyoming, New York, Kentucky

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** D = 81 - 300

Comments: Low end of this, around 80-90 (some are clustered multiple occurrences, so depending how you divide these up it's a bit more or less). There are also some older occurrences without exact location known that could bump this number a little higher (still within this range) if they still exist.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: Quite a few occurrences are a few samples found in the same region covering more than one grid cell. Particularly in Jackson and Klamath counties, OR.

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

Comments: Around 8 are found in protected areas. One in is Mount Rainier NP (1954 occurrence), one in Yosemite, 4 in Mt Elphinstone Forest Provincial Park in British Columbia, One in Olympic National Park and one at the edge of the Teton Wilderness. There may be a couple other protected sites that are older (Natural Bridge State Park in Kentucky -1950) but some of these protected sites have older occurrences.

**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:**

Approximately 8 protected occurrences of 90. On a 40 year logging rotation therefore 22% might be impacted over 10 years and about 90% in 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

Rank Adjustment Notes: Wide range but a good number of occurrences from the 60s or older and unknown current status and only 8 or so protected. To increase the rank to G4 with the same range and threat impact score, there would need to be 5 more occurrences in protected areas. Considering the number of sites in areas adjacent to wilderness areas, it is reasonable to assume there are 5 undiscovered sites in protected areas so I (C. Lawrence) originally gave this species a G4 rank. L. Norvell says "NOT in Albatrellus: Sequence analyses refer to *Scutigera ellisii* (Berk.) Murrill (1903). SEE Audet (2010:450).", and assigned G2 rank. Can't have G2 rank with S3 in Oregon, SO assigned G3 (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. )

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Lorelei Norvell

**Definitions and References:**

**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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