

## Conservation Status Assessment

**Scientific Name:** *Albatrellus ellisii*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S2S3**

**Rank Date:** 12/12/2018

Rank Reasons: Rare in California, two in protected areas. This species is very close to being an S3, as there are somewhere around 19 occurrences, and a few more confirmed new occurrences could make it as S3.

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

Comments: Around 80 000 sq. km. Perhaps a bit higher but would still be in this range of less than 200 000.

**Population Size:** Not assessed

Comments: None

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

Comments: Around 7 occurrences, maybe a few more, where only county is known but not exact location and the occurrences are a bit older. Also a few more on mushroomobserver.org. 2018 update brings this up to closer to 19 occurrences. Some occurrences are older and with somewhat imprecise locations, but this number is somewhere around 20. If this factor goes up to the C category of 21-80 the rank would change to S3, so further information on new occurrences could easily up this rank.

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

Comments: Around 7 occurrences. 2018 update brings this up to closer to 19 occurrences. Some occurrences are older and with somewhat imprecise locations, but this number is somewhere around 20.

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

Comments: One in Yosemite. In 2018 update one occurrence also in Russian 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:

Risk of logging for most occurrences. From Norvell 2002: "Only 4 occurrences known in California, of which only one is in a protected area. The North American endemic has been collected only sporadically throughout its range since 1870. The forests are not well inventoried and more collections are anticipated. Dependent upon health and preservation of associate trees (Pinaceae) which are valuable timber targets; occurrences are also threatened by development and other human factors. Cultural characteristics and sexuality unknown. Uncommon. Regarded as rare along the California coastal area, and more common in the sierra Nevada region (Arora 1986)" Seems to still be the case - maybe slightly more occurrences now.

**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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