

## Conservation Status Assessment

**Scientific Name:** *Bondarzewia mesenterica*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S3**

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

Rank Reasons: Moderate number of occurrences, but some are in protected areas and there are a few new occurrences since the 2002 assessment. A few additional occurrences in 2018 update, but not enough difference to change rank.

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

Comments: About 65,000 sq. km. From Yosemite north. The 2018 update added some occurrences but did not affect total range.

**Population Size:** Not assessed

Comments: None

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

Comments: Around 15-20 occurrences. A few new occurrences since the 2002 assessment. The 2018 update adds a few occurrences, pushing this to 20-21, so could go to C but would still be the very low end of C and does not change the rank.

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

Comments: Around 15-20 grid cells occupied. In 2018 update this has increased to closer to 23 occupied cells, but not over 25.

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

Comments: One or two in Yosemite National Park, Prairie Creek Redwoods State Park, Redwoods State and National Parks, Trinity Alps Wilderness. Around 5 in protected areas.

**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:

Maybe one third of samples in protected areas. Others are at risk of logging.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**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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