

## Conservation Status Assessment

**Scientific Name:** *Turbinellus kauffmanii*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G4**

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

Rank Reasons: Found on both east and west side of North America, some protected occurrences. Some new occurrences since past assessments.

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

Comments: Large distribution across the west coast (British Columbia, Washington, Oregon, California, Idaho), and in the east in North Carolina, Michigan, Nova Scotia, Massachusetts, Maine, and Tennessee, with only single occurrences in some states.

**Population Size:** Not assessed

Comments: None

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

Comments: Low end of this range, around 85-90 occurrences. Some are older or single occurrences with no other collections from that area.

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

Comments: Mid range.

**Good Viability:** D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: Cluster of occurrences in Jedediah Smith Redwoods State Park, Rogue Umpqua-Divide Wilderness, Three Sisters Wilderness, Multiple in Mount Rainier National Park, Olympic National Park, Lake Sylvia State Park, Hocking Hills State Park, Great Smoky Mountains National Park. Around 17 in total.

**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 17 protected, others at risk of logging.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G4

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Lorelei Norvell

**References:**

Giachini, A.J.; Castellano, M.A. 2011. A new taxonomic classification for species in Gomphus sensu lato. Mycotaxon. 115:183-201.

**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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