

Conservation Status Assessment

Scientific Name: *Turbinellus floccosus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S4S5**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: While this assessment refers only to observations of what was called *Gomphus bonarii*, that taxon is now considered a synonym of *Turbinellus floccosus* which is common in Oregon forests. See global note.

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

Comments: The Oregon range of what was called *Gomphus bonarii* is 23,080 sq. km. There are sites in the Cascade Mountains from Marion to Jackson and Klamath Counties. There is also a site in the eastern coast or Siskiyou Mountains of southwestern Douglas County.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 17 known occurrences of this species in Oregon.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: This species occupies 17 grid squares in Oregon.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: No occurrences are in permanently protected areas.

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common

Comments: A mycorrhizal species associated with *Abies* and other conifer species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

All 17 of the occurrences may be threatened by timber harvest

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Lorelei Norvell

References:

Giachini, A.J.; Trappe, J.M. 2004. Systematics of the Gomphales: The Genus Gomphus Pers. Sensu Stricto

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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>