

Conservation Status Assessment

Scientific Name: *Turbinellus floccosus*

Classification: Fungus

Assessment area: Washington

Heritage Rank: **S4S5**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

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

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

Comments: The Washington Range of *Gomphus bonarii* is 22,691 sq. km. There is a site in San Juan County in the Puget Sound, and in the cascades from Skagit and Chelan Counties to Skamania County. Much of the range of this species outside Washington is in drier and more southern areas so Washington may be at the limit of the range of this species.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 8 known occurrences in Washington state

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

Comments: This species occupies 8 grid squares in Washington.

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

Comments: 2 occurrences are in national parks

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:

6 of the 8 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

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