

## Conservation Status Assessment

**Scientific Name:** *Galerina heterocystis*

**Classification:** Fungus

**Assessment area:** Washington

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

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

Rank Reasons: There still may be some taxonomic uncertainty surrounding this species, however given these known occurrences it would rank as an S3 in Washington. L. Norvell says "Have verified 2-spored variant, previously reported as *G. heterocystis* sensu lato. Have not verified 4-spored form. See global note. Assigned rank probably acceptable for organism, but should not be referred to as *heterocystis*."

**Range Extent:** E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: Range of around 17,000 sq. km. Found on the southwest side of Washington.

**Population Size:** Not assessed

Comments: None

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

Comments: Around 16 occurrences. Not ranked in 2002 due to taxonomic uncertainty. Here 15 of the occurrences are listed as *Galerina heterocystis* and 1 is *Galerina clavata*, which according to Index Fungorum is the same species.

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

Comments: Around 15-20 occupied grid cells.

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

Comments: Around 5 occurrences in Mount Rainier National Park.

**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 a third of the occurrences are in protected areas. The other occurrences could be at risk from logging or other development.

**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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