

Conservation Status Assessment

Scientific Name: *Galerina heterocystis*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Only around 11 occurrences known from Oregon, none in protected areas. Some taxonomic uncertainty may still exist with this species, however all these occurrences are listed as *Galerina heterocystis*. 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: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Around 21,000 sq. km range. Found on the west side of the state including Umpqua National Forest and on the coast.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 11 occurrences.

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

Comments: Around 11 occupied grid cells.

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

Comments: No occurrences are located 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:
Logging, development.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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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