

Conservation Status Assessment

Scientific Name: *Gymnomyces fragrans*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2**

Rank Date: 11/30/2016

Assigned Rank Comments: None.

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

Comments: The range is 135,450 sq. km and includes sites in the southwest Oregon Cascades, The Siskiyou and Cascades of California, and west central Idaho.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 5 known sites.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: The known sites occupy 5 grid squares across the global range.

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

Comments: 2 sites are in Wilderness areas

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

Comments: A mycorrhizal species of Douglas Fir forest

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

About 66% of the sites are not in protected areas. If those sites are logged on a 40 year rotation around 16% of the sites would be logged over 10 years and 66% of sites would be logged over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

References:

Trappe, J.M.; Lebel, T. & Castellano, M.A. 2002. Nomenclatural revisions in the sequestrate russuloid genera. Mycotaxon 81:195-214.

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/>