

Conservation Status Assessment

Scientific Name: *Gautieria otthii*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3Q**

Rank Date: 2/28/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: Ranked as a G3 according to this known data, however, according to Camacho there may still be some uncertainty as to whether the west coast species are the same as the European species. Could be more common than this suggests, or two separate species.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: "Found in Europe, Alaska, Eastern and Western North America. The broad range suggests that this is a successful fungus, although the taxonomy is clearly somewhat confused, especially as to how this is applied in the Pacific Northwest." - Camacho 2002. Assessment completed using the occurrence information for specimens identified as *Gautieria otthii*, however, there still may be some uncertainty surrounding this species.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: At least 30 known occurrences for this species, probably more in Europe.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: At least 30 occupied grid cells.

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

Comments: At least 2 occurrences are in protected areas: Yolla Bolly-Middle Eel Wilderness, Yellowstone National Park. There may very well also be protected occurrences among the European occurrences.

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:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3

Rank Author: Caitlin Lawrence

Rank Reviewer: Matt Trappe; Lindsey Wise

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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