

Conservation Status Assessment

Scientific Name: *Gautieria magnicellaris*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3G4**

Rank Date: 2/28/2018

Rank Reasons: Known from a wide range, but little is known about these occurrences, their current status, and the total number of occurrences in each area.

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

Comments: Found in Oregon, California, New York, China, Mexico, and first described in Czechoslovakia. Wide range but few known occurrences within the range.

Population Size: Not assessed

Comments: None

Number of Occurrences: BC = 6 - 80

Comments: At least 7 occurrences, but likely many more given its large distribution. Described originally in Czechoslovakia. It was described in a paper in México but total number of occurrences from there is unknown. There are a couple of known occurrences in Oregon and one in California, a 1916 occurrence from New York and a 1908 occurrence from China.

Area of Occupancy: DE = 6-125 4-km² grid cells

Comments: At least 7 occupied grid cells, but not fully known. Likely many more given its large distribution.

Good Viability: U = Unknown

Comments: Difficult to assess because the exact location of many of the occurrences is unknown and some are old and it is not known if they are still extant.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: CD = Medium - Low

Comments:

Difficult to assess, but overall threat likely to be low to medium given the large geographical range of the species.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3G4

Rank Author: Caitlin Lawrence; Lindsey Wise

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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