

Conservation Status Assessment

Scientific Name: *Entocybe speciosa*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G3**

Rank Date: 3/9/2017

Rank Reasons: There is one collection from New York state. Whether or not that collection is not correctly

Range Extent: EG = 5000-2,500,000 sq km (~2000-1,000,000 sq miles)

Comments: There are sites in the Washington and Oregon Cascades. There is also one herbarium

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Including the New York site there are 7 known occurrences of this species (6 without).

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

Comments: Including the New York site this species occupies 7 grid squares (6 without).

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

Comments: One occurrence is in Mount Rainier National Park.

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

Comments: A saprophyte on decayed conifer wood.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

6 of the 7 sites may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2G3

Rank Author: Michael Russell
Rank Reviewer: Scot Loring

References:

Baroni, T.J.; Hofstetter, V.; Largent, D.L.; Vilgalys, R. 2011. Entocybe is proposed as a new genus in the Entolomataceae (Agaricomycetes, Basidiomycota) based on morphological and molecular evidence. North

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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