Conservation Status Assessment

Scientific Name: ***Entocybe nitida***
Classification: Fungus
Assessment area: Global

Heritage Rank: **G3G4**
Rank Date: 3/9/2017

Rank Reasons: Relatively uncommon in North America, but probably more common in Europe. Found across a wide range. Recent name change to Entocybe nitidum?

Range Extent:

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

Comments: Found in Europe and North America. occurrences from Poland, Switzerland, Italy, Austria, France, Alaska, British Columbia, Washington, California, New York, Mississippi, and North Carolina. 2002 assessment also lists Czech Republic, Denmark, England, Finland, Germany, Norway, Sweden. Possibly also in Japan and Russia (there are a few very recent mushroomobserver.org occurrences from Russia).

Population Size:

Not assessed

Comments: None

Number of Occurrences:

CE = 21 to >300

Comments: More than 30 occurrences worldwide. In 2002 assessment Hawes said there are more than 300 occurrences worldwide. This may be the case, as it occurs in many European countries, however the number of occurrences per country is difficult to determine.

Area of Occupancy:

EF = 26-500 4-km2 grid cells

Comments: More than 30 occupied grid cells, but likely many more because less is known about the European samples.

Good Viability:

CD = Few to some (4-40) occurrences with good viability

Comments: A few protected occurrences in the United States. Found in Olympic National Park, Jedediah Smith State Park, and Redwoods National and State Parks. Protection information is unknown for the European occurrences, some may be protected.

Environmental Sensitivity:

Not Evaluated

Comments: None

Short Term Trends:

Not Evaluated

Comments: None

Long Term Trends:

Not Evaluated

Comments: None

Threat Impact: CD = Medium - Low

Comments:
From 2002 assessment Hawes said: "Threat is moderate, but not necessarily imminent, for those populations that are unprotected, because activities such as logging, road and trail construction, and others destroy the duff substrates under conifer and hardwood trees on which this species grows." I believe most of the occurrences are in Europe so the threats there are less known. A few of the US occurrences are located in protected areas.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G3G4

Rank Author: Caitlin Lawrence
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 American Fungi. 6(12):1-19.

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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