

## Conservation Status Assessment

**Scientific Name:** *Entocybe nitida*

**Classification:** Fungus

**Assessment area:** Washington

**Heritage Rank:** **S2**

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

Rank Reasons: Around 9 or so occurrences in Washington, about a third in Olympic National Park.

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

Comments: Around 22,000 sq. km range. Found in the northwest of the state.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: 9 occurrences known from Washington. A few more on mushroomobserver.org.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: At least 9 occupied grid cells.

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

Comments: 3 occurrences in Olympic National Park.

**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:

One third of the occurrences are in Olympic National Park. Hawes said in 2002 assessment: "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."

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**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:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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