

## Conservation Status Assessment

**Scientific Name:** *Otidea smithii*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G3**

**Rank Date:** 12/12/2016

Assigned Rank Comments: None.

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

Comments: There are sites of this species in Western North America from the Yukon, Alberta, British Columbia, Montana, Idaho, Washington, Oregon, Colorado, and California. There are also records from Himachal Pradesh, India. In the 2002 ranking, N. S. Weber said that the identification of the Indian specimens needed to be confirmed and did not include in the range estimate. We also left the Indian collections out of the range extent score. The North American Range is 1,999,527 sq. km. If the Indian collections are this species, the range would be well above 2.5 million sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are 33 known occurrences of this species in Oregon. There are about 7 occurrences reported from India.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: This species occupies about 41 grid squares in North America. The Indian collections occupy another about 7 grid squares.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 8 sites are in National, State, Provincial, County, and Municipal Parks.

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

Comments: A saprotroph of forested areas.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

**Comments:**

Approximately 75% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 19% would be impacted over 10 years and around 75% would be impacted over 100 years. One site in Oregon is along a proposed gas pipeline.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**

No additional references listed.

**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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