

Conservation Status Assessment

Scientific Name: *Otidea smithii*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 12/12/2016

Assigned Rank Comments: None.

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

Comments: The Oregon range is 22,735 sq. km. Sites are found in the Coast and Cascade ranges.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 9 known occurrences in Oregon.

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

Comments: This species occupies about 13 grid squares in Oregon.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: No occurrences are in permanently protected areas.

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:

None of the sites are in permanently protected areas. If those sites are logged on a 40 year rotation, around 25% would be impacted over 10 years and all of the sites could be impacted over 100 years. One of the 9 known sites is along a proposed pipeline route.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

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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