

Conservation Status Assessment

Scientific Name: *Otidea leporina*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S3S4**

Rank Date: 12/12/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: With the same range and threat impact score, to increase the rank to an S4 there would need to be an additional 39 sites in protected areas or only an additional 16 occurrences overall. It is possible that there are an additional 16 undocumented occurrences so I gave the species an S3S4 ranking.

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

Comments: The Oregon range is 67,054 sq. km. It includes sites in the Cascades, Coast, and Siskiyou Mountains.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 65 known occurrences in Oregon.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: This species occupies 94 grid squares in Oregon.

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

Comments: One occurrence is in a wilderness area.

Environmental Sensitivity: C = Moderate. Generalist or community with some key requirements scarce

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:

Only one occurrence is in a permanently protected areas. If the other sites are logged on a 40 year rotation around 25% of sites would be impacted over 10 years and around 99% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

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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