

Conservation Status Assessment

Scientific Name: *Otidea leporina*

Classification: Fungus

Assessment area: California

Heritage Rank: **S3**

Rank Date: 3/9/2017

Rank Reasons: With the same range and threat impact score, to increase the rank to an S4 there would need to be an additional 36 sites in protected areas or an additional 44 occurrences occupying 80 grid squares.

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

Comments: The California range is 141,767 sq. km. Most of the sites are in the northern Californian Del Norte, Humboldt, Mendocino, and Siskiyou counties. There are also a sites in the Central Californian counties of Marin, Napa, Alameda, Contra Costa, and Santa Clara. There is also a site in Orange County in Southern California. S/M records show an additional 15 or so sites in northern CA.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are around 50 known occurrences in California.

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

Comments: This species occupies around 55 grid squares in California.

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

Comments: Around 4 sites are in state parks.

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:

Approximately 90% of sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 22% would be impacted over 10 years and around 90% would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell; Lindsey Wise

Rank Reviewer: Scot Loring

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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