

Conservation Status Assessment

Scientific Name: *Mycena overholtsii*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2S3**

Rank Date: 12/10/2018

Rank Reasons: The rank could be S2 or S3 depending on the overall threat impact. If the species remains on a Forest Service Sensitive species list and documented sites are protected from logging, the main threat would be wildfire overall would be a medium threat which results in an S3 rank. If the species is not listed or protected from logging impacts the overall threat would be high and the rank would be S2.

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: The range is about 12,000 sq km in the Coast and Cascade ranges of Humboldt, Trinity and Siskiyou Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 25 documented occurrences. The species is relatively distinctive and has been on various forest service lists for some time so it is somewhat unlikely to have been overlooked during surveys done in the appropriate season.

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

Comments: This species occupies about 25 or 26 grid squares. A score of D or E for this factor does not change the rank.

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

Comments: There is one documented site in a permanently protected area. Other sites are in forest service areas that may be subjected to timber harvest if the species is not protected.

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

Comments: This "snowbank" mushroom is a decomposer of woody debris in high elevation conifer forests that is often found in the spring in areas with a persistent snowpack.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

There is a single known site in an area that is permanently protected. The other sites could be subjected to timber harvest depending on forest service management.

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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