

Conservation Status Assessment

Scientific Name: *Mycena overholtsii*

Classification: Fungus

Assessment area: California

Heritage Rank: **S1?**

Rank Date: 5/18/2018

Assigned Rank Comments: None.

Rank Adjustment Notes: S. Loring says - S/M records have many additional occurrences for CA. I view this with some suspicion, given that these sites are not present in any other sources and the attributes for the S/M shapefile have no location/collector information. But if accepted, there are ~25 additional sites, creating a CA range polygon of 11,950km. Changing the rarity/occurrence, range, and grid square ranks accordingly changes the rank to S2. Given the uncertainty of these sources, rank adjusted to S1?

Range Extent: A = <100 sq km (< ~40 sq mi)

Comments: There is a single known site in the Coast range of Humboldt County, CA.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There is only a single known site in California in agency and Mycoportal databases (M. Russell).

Area of Occupancy: A = 1 4-km² grid cell

Comments: This species occupies a single grid square.

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

Comments: The only known site is not in a protected area.

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

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: B = High

Comments:
There is a single known site in an area that is not permanently protected.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S1

Rank Author: Michael Russell
Rank Reviewer: Scot Loring; Lindsey Wise

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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