

Conservation Status Assessment

Scientific Name: *Mycena hudsoniana*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: Michael Russell

Rank Reasons: The 2018 update of forest service data included a third site about 200 km east of the original 2. That changes the rank to S2.

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)

Comments: The California range is about 70 sq. km. There are two sites in the Northwest corner of the state. One is located near Big Lagoon in Humboldt, the other is listed as having been collected from the Six Rivers National Forest. S. Loring commented: There is a record for a site in Siskiyou Co., it is also in Mycoportal (SFSU-F-026410), but listed there as being in Six Rivers NF, which is far from where the UTM's given by Mycoportal place it in eastern Siskiyou Co (Shasta-Trinity NF). I have not seen this site for myself, so am not sure what to make of it, but it would substantially extend the CA range if accepted. The questionable site was included in the 2018 update of the forest service data. It is about 200 km east and would increase the range to about 400 sq km.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are two known occurrences in California. The 2018 forest service update increased this to 3 occurrences.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: This species occupies 2 grid squares in California. The 2018 update of forest service data increased this to 3 grid squares.

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

Comments: One site is in the Smith river national Recreation area, the other site is described as having been collected from near a state park. The new site in the 2018 update is on forest service land

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

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

One site is not necessarily protected and may be impacted by logging. The other site is in an area that may be impacted by wildfire. The third site from the 2018 update could be impacted by logging if it is not protected, and by wildfire.

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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