

Conservation Status Assessment

Scientific Name: *Mycetinis applanatipes*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 11/30/2016

Assigned Rank Comments: None.

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

Comments: The California range is 15,651 sq. km and includes sites in the Eastern Siskiyou mountains, the cascades, and the northern Sierra Nevada mountains.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 8 occurrences in California

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

Comments: This species occupies 8 grid squares in Oregon

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

Comments: A single site is in a wilderness area.

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

Comments: This species is a decomposer of litter of coniferous forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 85% of the sites are not in protected areas. If those sites are logged on a 40 year rotation around 21% of the sites would be impacted over 10 years. The species is a saprotroph of litter and it is unclear how long a generation is. Using the default of 100 years around 85% of the sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

References:

Wilson, A. W. & Desjardin, D.E. 2005. Phylogenetic relationships in the gymnopoid and marasmioid fungi (Basidiomycetes, euagarics clade). *Mycologia*. 97(3): 667-679.

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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