

## Conservation Status Assessment

**Scientific Name:** *Mycetinis applanatipes*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G2**

**Rank Date:** 11/30/2016

Assigned Rank Comments: None.

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

Comments: The global range is 107,959 sq. km. It extends from the southern coastal mountains of British Columbia, through the Oregon Cascades, to the Siskiyou mountains and the northern Sierra Nevada of California.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: There are 11 known sites of this species

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: This species occupies 11 grid squares across its global range

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

Comments: One 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:

About 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. This species is a saprotroph and it is unclear how many years a generation is. For the default of 100 years all 85% of unprotected sites would be impacted. The location of the BC collection is listed as Whistler Village. It is therefore vulnerable to residential development. The collection was made in 2011, after the development associated with the 2010 winter Olympics.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G2

**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:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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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