

Conservation Status Assessment

Scientific Name: *Cortinarius pavelekii*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G2**

Rank Date: 1/16/2017

Assigned Rank Comments: None.

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

Comments: The range of this species in 5,418 sq. km. There are sites along the pacific coast from Grays Harbor Washington to Humboldt County, Oregon.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 12 known occurrences of this species across its range.

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

Comments: This species occupies 14 grid squares across its range.

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

Comments: One occurrence is in a state park.

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

Comments: A gastroid agaric mycorrhizal species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

11 of 12 occurrences may be threatened by timber harvest. All of the sites are near the coast and may be threatened by tsunamis.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

References:

Peintner, U.; Moser, M.; Vilgalys, R. 2002. Thaxterogaster is a taxonomic synonym of Cortinarius: new names and new combinations. Mycotaxon. 81:177-184.

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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