

Conservation Status Assessment

Scientific Name: *Sedecula pulvinata*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 1/13/2017

Assigned Rank Comments: None.

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

Comments: The California range is 12,689 sq. km. There are sites in the Cascade range of Siskiyou, Tehama, and Plumas counties, and the Sierra Nevada Mountains of Sierra, Placer, and Fresno Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 7 known occurrences in California.

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

Comments: This species occupies 7 grid squares in California.

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

Comments: No occurrences are in permanently protected areas.

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

Comments: A hypogenous mycorrhizal species typically found in subalpine spruce/fir forest.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

All of the sites may be threatened by timber harvest. The sites in Plumas county were subjected to a phosphate fertilization treatment in an experimental forest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Michael Russell

Rank Reviewer: Michael Russell

References:

Lehmkuhl, J.F.; Gould, L.E.; Cazares, E.; and D.R. Hosford. Truffle abundance and mycophagy by northern flying squirrels in eastern Washington forests. *Forest Ecology and Management* 200 (2004) 49--65

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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