

## Conservation Status Assessment

**Scientific Name:** *Sedecula pulvinata*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G3**

**Rank Date:** 1/13/2017

Rank Reasons: Based on the calculator the ranking is somewhat borderline G2G3, but because of its inconspicuous growth habit, cryptic characteristics, and range over areas that have had few surveys for truffle like fungi, it is likely there are undiscovered populations that would put it clearly in the G3 ranking range.

**Range Extent:** G = 200,000-2,500,000 sq km (~80,000-1,000,000 sq mi)

Comments: The range is over 1,000,000 sq. km. In Oregon there are sites in Lake and Jackson Counties. In California there are sites in the Cascades and Sierra Nevada Mountains from Siskiyou (the type specimen is from near Mount Shasta) to Fresno Counties. There are also sites in eastern Nevada and Southwest Utah, the Colorado Front Range, and central New Mexico. Lehmkuhl et al. (2004) reported its presence in eastern Washington in the Wenatchee National Forest.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** C = 21 - 80

Comments: There are at least 25 known occurrences of this species across its range.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: This species occupies at least 25 grid squares across its range.

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

Comments: 1 occurrence is in a wilderness area.

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

Comments: A hypogeous 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:  
May be threatened by timber harvest.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Michael Russell; Lindsey Wise

**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:**

<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:

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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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