

## Conservation Status Assessment

**Scientific Name:** *Leucogaster citrinus*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S4**

**Rank Date:** 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: Both the person who did the 2002 rating (F. Camacho) and me (M. Russell) have seen sites that are not in the database. The species is generally subterranean (so it is difficult to find) and it is not currently a listed species (so if found it would not necessarily be documented). It is likely there are enough undocumented sites to raise the rating to S4.

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

Comments: The Oregon range is about 76,000 sq. km and includes the Cascades, Coast, and Siskiyou mountain ranges.

**Population Size:** Not assessed

Comments: None

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

Comments: There are about 73 occurrences in Oregon

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

Comments: There are 84 grid squares occupied by known sites and there are likely additional sites that have not been documented.

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: There are 9 sites in wilderness areas or National parks in Oregon.

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

Comments: This is a mycorrhizal species of coniferous forests.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

**Comments:**

Approximately 90% of sites are not in protected areas. If those sites are logged on a 40 year rotation, around 22% of sites would be impacted over 10 years and around 90% of sites would be impacted over 100 years.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S3

**Rank Author:** Michael Russell

**Rank Reviewer:** Matt Trappe

**References:**

No additional references listed.

**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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