

## Conservation Status Assessment

**Scientific Name:** *Leucogaster citrinus*

**Classification:** Fungus

**Assessment area:** Global

**Heritage Rank:** **G4**

**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 G4.

**Range Extent:** H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The global range includes sites in Western Washington, Western Oregon and Northwest California. There is another site in Clearwater County Idaho, and sites in South Australia and Tasmania.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** D = 81 - 300

Comments: There are 103 known sites across the global range. F. Camacho did the 2002 ranking where he claimed to have seen several additional sites not in database. I (M. Russell) have also seen a site that is not in the database.

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

Comments: There are 103 grid squares occupied by this species

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

Comments: 9 sites are in National Parks or wilderness area

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

Comments: Mycorrhizal in coniferous forest

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

**Comments:**

About 90% of known sites are in unprotected areas. If those sites are logged on a 40 year rotation about 22% of sites would be impacted over 10 years and about 90% of sites would be impacted over 100 years. A few sites are in the San Francisco area and may be threatened by residential development.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G3

**Rank Author:** Michael Russell

**Rank Reviewer:** Matt Trappe

**References:**

No additional references listed.

**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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