

## Conservation Status Assessment

**Scientific Name:** *Leucogaster citrinus*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S3**

**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 S3.

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

Comments: The range in California is around 35,000 sq. km. However that includes a few sites based on collections from the Bay area made before 1930. If those sites are no longer extant the range would be around 5,000 sq. km.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: There are 8 known sites in California

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: This species occupies 8 grid squares in California.

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

Comments: About 3 sites are in state parks or in a forest service recreation area.

**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:

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**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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