

## Conservation Status Assessment

**Scientific Name:** *Leucogaster microsporus*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S1**

**Rank Date:** 11/29/2016

Assigned Rank Comments: None.

**Range Extent:** A = <100 sq km (< ~40 sq mi)

Comments: There are two sites that are likely to be within 10 km of each other in Northern California near Castle Crags state park.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: The two collection may or may not be close enough to be considered 1 occurrence.

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

Comments: There are two collections from Northern California near Castle Crags State Park. Only one collections has GPS coordinates but they have collections different location information. Based on the label information the distance between the sites may be enough to occupy 1 or 2 grid squares far enough apart for the site to occupy 2 grid squares.

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

Comments: One collection label says Castle Crags State Park, the other says along the frontage road.

**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:** S1

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**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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