

Conservation Status Assessment

Scientific Name: *Suillus umbrinus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **GH**

Rank Date: 2/28/2018

Rank Reasons: Only one known occurrence from 1983 in California. Assumed to be very rare globally. No new information since 2002 assessment.

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

Comments: Only one known occurrence from Siskiyou county, California.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: In 2002 assessment Camacho said: "Only known from one site. There are several other collections of this genus (or more appropriately this group of species) and this is the only one with its particular characters. Until more taxonomic work is done, this has to be assumed to be a very rare and endangered species." This still appears to be the only collection.

Area of Occupancy: A = 1 4-km² grid cell

Comments: Only one known site.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: One known occurrence, not in a protected area.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: 0

Comments:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G1

Rank Author: Caitlin Lawrence

Rank Reviewer: Lindsey Wise

References:

Klofac, W. 2013. A world-wide key to the genus *Suillus*. Weltschlüssel der Gattung *Suillus*. Österreichische Zeitschrift für Pilzkunde. 22:211-278.

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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>