

Conservation Status Assessment

Scientific Name: *Gastroboletus imbellus*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G1**

Rank Date: 3/9/2017

Rank Reasons: Ranked based on the few known occurrences. There is some disagreement about the genus of this taxon. Camacho in 2002 stated "The correct genus for this species is Suillus. This is part of a complex of closely related species that needs to be better examined to verify if it is a valid species." S. Loring comments that "Although the 2002 assessment comments state this taxon belongs in Suillus, there are others out there that strongly disagree (Trappe, Castellano). It actually was in Suillus for a short period of time (late 90s?) and is now in Gastrosuillus. I have examined the type and it at least does not morphologically appear similar to other secotioid species." S. Loring has been unable to relocate the species in the type locality but says "I was given somewhat vague location instructions, and it was only after the failed relocation attempts that I receive more accurate info from Jim Trappe (who originally found it), placing it at an exact location along a trail under a specific and unique tree, so it would be interesting to make another revisit."

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)

Comments: Only a couple of known occurrences in Clackamas and Lane counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: Only 3 occurrences known from this species.

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: Only 3 known occurrences.

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

Comments: None of the occurrences are in protected areas.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: U = Unknown

Comments:

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G1

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

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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