

Conservation Status Assessment

Scientific Name: *Rubroboletus pulcherrimus*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Only around 10 occurrences, 1 in protected area. S. Loring says "There is an occurrence in the supplied "BoletusPulcherrimusALL" layer and two additional occurrences in S/M records that are not included in the CA range polygon (see attached map). However, the additional occurrences and extended CA range do not change the range and rarity/occurrence factors used in calculating the assigned rank.

Currently accepted name: *Rubroboletus pulcherrimus* (Thiers & Halling) D. Arora, N. Siegel & J.L. Frank"

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: Around 9,000 sq. km. Northwest side of state.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: Around 10 occurrences, but a number of re-collections from Jackson State Demonstration forest (more collections but only around 10 separate occurrences). At least one new occurrence since the 2002 assessment.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: Clustered occurrences in Jack State Demonstration Forest cover more than one grid cell. Around 20 grid cells covered.

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

Comments: One occurrence in Van Damme State Park.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Only one occurrence in a protected area, rest are at risk from logging.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

References:

Arora, D. & N. Siegel & J.L. Frank. 2015. Index Fungorum 248:1.

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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