

Conservation Status Assessment

Scientific Name: *Russula mustelina*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 1/11/2017

Assigned Rank Comments: None.

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

Comments: The California range is about 674 sq. km. There are three sites about 240 km apart. One is in the Mount Shasta area in Siskiyou County, the other is in the Yuba Pass area in Sierra County. in the 2002 ranking, L. Norvell sites a work by Thiers that claims the species is "widely distributed in the Sierra Nevada, and "common" around Yuba Pass and Mount Shasta. (Thiers. 1997. Agaricales of California: Russulaceae: Russula. Mad River Press.)

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 3 known occurrences in California.

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

Comments: This species occupies 3 grid squares in California.

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

Comments: No occurrences are in permanently protected areas.

Environmental Sensitivity: B = Narrow. Specialist or community with key requirements common

Comments: A mycorrhizal species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

All of the sites may be threatened by timber harvest.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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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