

Conservation Status Assessment

Scientific Name: *Hypomyces luteovirens*

Classification: Fungus

Assessment area: California

Heritage Rank: **S1**

Rank Date: 11/28/2016

Assigned Rank Comments: None.

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

Comments: The California range consists of two collections approximately 273 km apart.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: There are 2 occurrences

Area of Occupancy: B = 2 4-km² grid cells

Comments: There are 2 occupied grid squares in California

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

Comments: One site is in a California State Park

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

Comments: This species is a parasite of other mushrooms in the Genera Russula and Lactarius. Those generas are diverse, widespread and common as mycorrhizae in many types of forest around California.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Only one site in California is in a protected area. If the other site is logged on a 40 year rotation there would be a 13% chance it would be impacted over 10 years. This species is a parasite of ephemeral mushroom sporocarps so three generations would take approximately 3 years. Over 3 years the risk of logging would be less than 10%.

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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