

Conservation Status Assessment

Scientific Name: *Hypomyces luteovirens*

Classification: Fungus

Assessment area: Global

Heritage Rank: **G4**

Rank Date: 11/28/2016

Assigned Rank Comments: None.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: The global range is through out the forested areas on the U.S and Canada (Alaska, Arizona, Alabama, Florida, North Carolina, Quebec, Michigan, etc. As well as Finland Sweden and Denmark. A monograph cites many more European countries and Japan (Rogerson, C.T. and Samuels, G.J.1994. Agaricolous species of Hypomyces. Mycologia 86 (839-866).).

Population Size: Not assessed

Comments: None

Number of Occurrences: D = 81 - 300

Comments: There are at least 159 occurrences based on the West coast USA databases and the Mycoportal.org collections. A monograph suggests there are additional collections in Europe and Japan (Rogerson, C.T. and Samuels, G.J.1994. Agaricolous species of Hypomyces. Mycologia 86 (839-866).

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: There are at least 159 occupied grid squares based on the West coast USA databases and the Mycoportal.org collections. A monograph suggests there are additional collections in Europe and Japan (Rogerson, C.T. and Samuels, G.J.1994. Agaricolous species of Hypomyces. Mycologia 86 (839-866).

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: At Least 29 sites are in National or State Parks, Wilderness Areas, or other preserves. Many more are in areas with the basic protections provided by public forests.

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 the world.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: D = Low

Comments:

This species is widespread with numerous sites in protected areas.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: G4

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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