

## Conservation Status Assessment

**Scientific Name:** *Trichoderma alutaceum*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** **S1**

**Rank Date:** 4/22/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: The S2 rank was due to the medium threat impact score. A high threat impact score (or no score) results in an S1 rank. R. Hamill says, "Now *Trichoderma alutacea* some collections are likely misidentified *T. leucopus*."

**Range Extent:** D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: The California range is 4,184 sq. km. It includes sites near the coast from Del Norte to Sonoma Counties.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There are 5 known occurrences in California

**Area of Occupancy:** C = 3-5 4-km<sup>2</sup> grid cells

Comments: This species occupies 5 grid squares in California.

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

Comments: 3 occurrences are in California State Parks

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

Comments: The apparent rarity of this species throughout its range suggests that it is a specialist in terms of some ecological factors, but even the mode of nutrition is as yet unknown.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

2 of the 5 sites may be threatened by logging or residential development.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** S2

**Rank Author:** Michael Russell

**Rank Reviewer:** Ron Hamill

**References:**

Jaklitsch, W.M. 2011. European species of Hypocrea part II: Species with hyaline ascospores. Fungal Diversity 48:1-250.

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
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>

Oregon Biodiversity Information Center, Institute for Natural Resources

Oregon State University and Portland State University

Mail Stop: INR, P.O. Box 751

Portland, OR 97207-0751

(503)-725-9950

<http://inr.oregonstate.edu/orbic>

<http://inr.oregonstate.edu/>