

Conservation Status Assessment

Scientific Name: *Phaeocollybia pseudofestiva*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2S3**

Rank Date: 12/15/2016

Assigned Rank Comments: None.

Rank Adjustment Notes: With a threat impact score of high or without a threat impact score the ranking would be S2. With a threat impact score of medium the ranking would be S3. Because there are few occurrences overall, and the uncertainties involved in predicting the threat impact score, I gave this species a S2S3 ranking.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: The California Range is 28,761 sq., km. It includes sites in the western slopes of the Coastal mountain ranges from Del Norte to Santa Cruz Counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: There are 14 known occurrences in California.

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

Comments: This species occupies 16 grid squares in Oregon.

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: Five occurrences are in California State Parks.

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

Comments: A mycorrhizal species generally found in late seral forest.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around two thirds of the sites are not in permanently protected areas. If those sites are logged on a 40 year rotation, around 16% of sites would be impacted over 10 years and around 67% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

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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