

Conservation Status Assessment

Scientific Name: *Phaeocollybia olivacea*

Classification: Fungus

Assessment area: California

Heritage Rank: **S3**

Rank Date: 12/6/2016

Assigned Rank Comments: None.

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

Comments: The California range is 56,028sq km. It includes sites along the California Coastal Mountains from Del Norte to Santa Cruz county. There is also a site at Castle Crags State Park in the Eastern Siskiyou Mountains.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 27 known occurrences in California.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: This species occupies 39 grid squares in California.

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

Comments: About 8 occurrences are in California State Parks or Wilderness areas.

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

Comments: A mycorrhizal species of low elevation forests with conifers and Fagaceae trees.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Around 78% of the sites are not in protected areas. If those sites are logged on a 40 year rotation, around 19% would be impacted over 10 years and 78% 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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