

Conservation Status Assessment

Scientific Name: *Asterophora lycoperdoides*

Classification: Fungus

Assessment area: California

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Only a cluster of occurrences in Jedediah Smith Redwood State Park, and an occurrence further south. Could be more common, however. S. Loring says "I was also not aware of the southern CA location (Riverside Co, Corona Lake) until now; that location is also in conflict with Siegel and Schwarz (2016), who state it has not been found south of Humboldt Co. Desjardin et al (2015) seems to concur with this, stating it is known in CA from Humboldt and Del Norte Counties (they do not mention any other counties). Even if the southern CA occurrence is omitted when using the calculator, the result is still a rank of S2"

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

Comments: Narrow band from a cluster of occurrences in Jedediah Smith Redwoods State Park to one in Riverside county.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: A couple others, possibly unconfirmed, on mushroomobserver.org

Area of Occupancy: C = 3-5 4-km² grid cells

Comments: One cluster that covers multiple grid cells in N California and one in southern California.

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

Comments: A few collections in Jedediah Smith Redwoods State Park.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: U = Unknown

Comments:

Hard to rank as there are occurrences all from one place, and then one far away one. Left as unknown because significantly changes the ranking.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S1

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

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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