

Conservation Status Assessment

Scientific Name: *Sarcodon fuscoindicus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2S3**

Rank Date: 3/9/2017

Assigned Rank Comments: None.

Rank Adjustment Notes: The ranking depends on the threat impact score. A score of high results in a rank of S2 while a score of medium results in a rank of S3. Due to the uncertainty of predicting the impacts of threats I gave this variety a rank of S2S3.

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

Comments: The Oregon range is 39,897 sq. km. There are sites I in the Coast Range of Lane and Douglas Counties, the West Cascades from Clackamas to Jackson Counties, and the Siskiyou of Josephine County.

Population Size: Not assessed

Comments: None

Number of Occurrences: C = 21 - 80

Comments: There are 24 known occurrences in Oregon. S/M records show an additional four occurrences in OR, all within the current range polygon for OR. The increase in occurrence numbers does not change the rarity/occurrence factor.

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

Comments: This species occupies about 38 grid squares in Oregon.

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

Comments: One occurrence is in the Columbia Gorge National Scenic Area.

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

Comments: A mycorrhizal species.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

Approximately 96% of sites are not in protected areas. If those sites are logged on a 40 year rotation, around 24% of sites would be impacted over 10 years, and around 97% of sites would be impacted over 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S3

Rank Author: Michael Russell

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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