

Conservation Status Assessment

Scientific Name: *Nealbatrellus caeruleoporus*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Assigned Rank Reasons: Only a small number of occurrences with little protection.

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

Comments: Low end of this range, around 25 000 sq. km.

Population Size: Not assessed

Comments: None

Number of Occurrences: B = 6 - 20

Comments: In 2002: 3 sites known in Oregon [ISMS database, July 2002; Norvell 1995; Castellano et al 1999: OSC collections database November 18, 2002]. In 2016 at least 3 more sites known. From Novell 2002 "Only 3 collections are verified from Oregon despite the unique coloration and relatively long-life of the fruitbody. 2 of the 3 sites lie within protected areas; the third may be threatened by logging or development. Their wide distribution in the state suggests that other populations may be found. Other forests may provide suitable habitats and other fruiting localities may be found in the future. The species is closely allied to the health and preservation of associate trees (Tsuga) that are targeted economically as valuable timber, Fire that destroys the host tree may also destroy the fungus population. Cultural characteristics and sexuality unknown. Can be assumed to be rare."

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

Comments: About 6 occurrences, 1 is a large polygon covering more than one grid, but just due to uncertainty of location I believe.

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

Comments: One is Honeyman State Park. A couple other occurrences look to be near wilderness areas but with unknown exact locations maybe are not within them.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

1 of 6 in Oregon is protected, so if unprotected sites are logged on a 40 year rotation, about 25% (one site) would be logged in 10 years, and perhaps all or most of them in 100 years.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

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Definitions and References:

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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