

Conservation Status Assessment

Scientific Name: *Clitocybe senilis*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S1**

Rank Date: 3/9/2017

Rank Reasons: Only 5 known occurrences, none of which are located in protected areas. Relatively small range for these occurrences.

Rank Adjustment Notes: No additional info to contradict assigned rank if *senilis* distinct. If taxon represents *C. trulliformis*, S2 suggested. See global note.

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

Comments: Low end of this range, about 1,200 sq. km. Found in Benton, Polk and Tillamook counties.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: 5 occurrences.

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

Comments: 5 occupied grid cells.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: No occurrences located in protected areas.

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:

No protected occurrences, and only 5 occurrences. Norvell 2002: "The scattered but wide distribution and unknown biology complicate identifying threats to CLSE4. Heavy logging or incidental catastrophic occurrences (such as wide-ranging hot fires), and anything else that threatens the general habitat, microclimates, and/or substrate would endanger the known populations. Selective logging practices, such as thinning, appear not to negatively affect the species. Norvell & Exeter (1993) collected fruitbodies from a moderately thinned 55 year old stand (120 residual trees per acre) one and two years after thinning, and from a heavily thinned stand (40 residual trees/acre) 2 years post-treatment. No collections have been reported from the clear-cut stand since its 1999 treatment. (Norvell pers. comm. 2002)."

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S1

Rank Author: Caitlin Lawrence

Rank Reviewer: Lorelei Norvell

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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