

Washington Status Factors

Elcode NFSM000052
Gname CYPHELLOSTEREUM LAEVE
Gcomname

Number of Occurrences

A = 1 - 5

Comments Estimated number of occurrences is 3-4. The ISMS database contains 3 records in Washington. The University of Michigan Fungal Bioinformatics Project database also contains 3 records in Washington. It is uncertain whether all three of these records are identical to the ISMS records, but because of their protection status, it is assumed that at least two of these sites are the same.

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments Unknown.

Population Size

U = Unknown

Comments It is unknown how many individual organisms are located at each site of occurrence and there is no estimation as to how large each organism is and how many fruiting bodies it has.

Range Extent

F = 20,000-200,000 km² (about 8,000-80,000 square miles)

Comments Estimated range is 55,000 square kilometers (21,235 square miles). It is known that three of the occurrences are near Lake Quinault in Olympic National Park.

Area of Occupancy

U = Unknown

LU = Unknown

Comments It is unknown how many individual organisms are located at each site of occurrence and there is no estimation as to how large each organism is and how many fruiting bodies it has.

Long-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Long-term trend in population, range, area occupied, or number or condition of occurrences unknown

Comments Unknown.

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

U = Unknown. Short-term trend in population, range, area occupied, and number and condition of occurrences

unknown.

Comments Unknown.

Threats

H = Unthreatened. Threats if any, when considered in comparison with natural fluctuation and change, are minimal or very localized, not leading to significant loss or degradation of populations, occurrences, or area even over a few decades' time. (Severity, scope, and/or immediacy of threat considered Insignificant.)

Scope Low **Severity** Low **Immediacy** Insignificant

Comments The known sites are relatively unthreatened, as three of them occur in a National Park. However, widespread logging, road and trail construction, or other activities that destroy the mossy substrate on which this species occurs may threaten this species.

Number of Appropriately Protected and Managed Occurrences

B = Few (1-3) occurrences appropriately protected and managed

Comments Estimated number of protected occurrences is 3. The ISMS database notes 2 protected occurrences in Washington (one unprotected) and the University of Michigan Fungal Bioinformatics Project notes 3 protected occurrences in Washington. It is assumed that two of these sites are the same.

Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

Comments Moderately vulnerable. Fruiting bodies rather small and fragile.

Environmental Specificity

B = Narrow. Specialist or community with key requirements common.

Comments This species tends to grow in mossy, shady environments. It has been noted to grow in coniferous forests, as well as on wet rock faces and under *Alnus rubra*. This species is listed as growing in conjunction with the following moss species: *Pogonatum macounii*, *Pogonatum contortum*, *Polytrichum commune*, *Atrichum selwynii*, *Polytrichum juniperinum*, *Ditrichum ambigum*, *Ogonatum macounii*, and *Mnium glabrescens*.

Other Considerations

National rank = N1N3.

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Grank S1S3 **Grank Date** 12/1/2002

Reasons

Estimated number of occurrences is 3-4. This species appears to be rare in Washington, though 3 of the known occurrences are currently protected. Moderately vulnerable. Narrow environmental specificity.

BCD Sources

New Sources

USDA Forest Service, USDI Bureau of Land Management, USDI Fish and Wildlife Service. 2002. Interagency Species Management System [ISMS] database. Portland, Oregon. Snowarski, Marek.

The University of Michigan Herbarium. Michigan Fungal Bioinformatics Project database. Updated 2000.
<http://www.herb.lsa.umich.edu/combquery.htm>

University of British Columbia Herbarium Databases. 1991. <http://herbarium.botany.ubc.ca/FMRes/FMPro>

Government of British Columbia. Resources Information Standards Committee. Standardized Inventory Methodologies for Components of British Columbia's Biodiversity: MACROFUNGI. 1997.

<http://srmwww.gov.bc.ca/risc/pubs/tebiodiv/macrofungi/macrofungi-3.htm>