

Heritage Rank Status Factors

Elcode NFSM000099
Gname MACOWANITES LYMANENSIS
Gcomname

Number of Occurrences

A = 1 - 5

Comments Only known from one site.

Number of Occurrences with Good Viability

B = Very few (1-3) occurrences with good viability

Comments It has been found at the site more than one year.

Population Size

Comments

Range Extent

A = <100 km² (less than about 40 square miles)

Comments Only known from Glacier Peak Wilderness area.

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

LA = <4 km (less than about 2.5 miles)

Comments

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

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

Threats

G = Slightly threatened. Threats, while recognizable, are of low severity, or affecting only a small portion of the population, occurrences, or area. Ecological community occurrences may be altered in minor parts of range or degree of alteration falls within the natural variation of the type.

Scope Low

Severity Low

Immediacy Low

Comments This is a mycorrhizal species; it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrhizal fungi die shortly after. The one possibly saving feature of this species is the spore bank. However, nothing is known about the spore bank of this species.

Number of Appropriately Protected and Managed Occurrences

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

Comments Only site is in a Wilderness area.

Intrinsic Vulnerability

U = Unknown

Comments

Environmental Specificity

A = Very Narrow. Specialist or community with key requirements scarce.

Comments Only known from one site.

Other Considerations

Nrank - N1N2

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Grank G1G2

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Reasons

Only known from one site in Washington. The type of habitat that this species occurs in is under-surveyed. It may be more common than we currently know.

BCD Sources

New Sources

Cazares, E., J.M. Trappe. 1991. Alpine and subalpine fungi of the Cascade and Olympic Mountains. 2. *Macowanites lymanensis* sp. nov. *Mycotaxon* 42:333-338