

Heritage Rank Status Factors

Elcode NFSM000098
Gname MACOWANITES CHLORINOSMUS
Gcomname

Number of Occurrences

B = 6 - 20

Comments

Number of Occurrences with Good Viability

C = Few (4-12) occurrences with good viability

Comments

Population Size

A = 1-50 individuals

Comments

Range Extent

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

Comments Known along the West coast from Northern California to Alaska.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

LB = 4-40 km (about 2.5-25 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

Intrinsic Vulnerability

U = Unknown

Comments

Environmental Specificity

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

Comments Associated with *Picea sitchensis*.

Other Considerations

Nrank - N3?

Edition 11/17/2002

Edauthor Francisco J. Camacho

Grank G3?

Grank Date 11/17/2002

Reasons

Known along the West coast from Northern California to Alaska. Probably more common than we know. I have found this several times with *Picea sitchensis* and not reported it.

BCD Sources

New Sources

Smith, A.H. 1963. New astrogastreaous fungi from the Pacific Northwest. *Mycologia* 55:421-441