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 mycorrizhal species; it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrizhal 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

**Greasons**

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

**BCD Sources**

**New Sources**