## **Heritage Rank Status Factors**

Elcode NFSM000021

Gname CHAMONIXIA CAESPITOSA

Gcomname

#### **Number of Occurrences**

C = 21 - 80D = 81 - 300

Comments

### **Number of Occurrences with Good Viability**

D = Some (13-40) occurrences with good viability E = Many (41-125) occurrences with good viability

Comments

### **Population Size**

B = 50-250 individuals C = 250-1,000 individuals

Comments

## Range Extent

H = > 2,500,000 km2 (greater than 1,000,000 square miles)

Comments This species is found in Europe, Asia, and North America

#### **Area of Occupancy**

B = 0.4-4 km2 (about 100-1,000 acres) C = 4-20 km2 (about 1,000-5,000 acres)

LB = 4-40 km (about 2.5-25 miles) LC = 40-200 km (about 25-125 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**

E = Localized substantial threat. Threat is moderate to severe for a small but significant proportion of the population, occurrences, or area. Ecological community occurrences are directly impacted over a small area, or in a small portion of their range, but threats require a long-term recovery.

Scope Low Severity Moderate Immediacy Moderate

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 shorty after. The one possibly saving feature of this species it the spore bank. However, nothing is known about the spore bank of this species.

### **Number of Appropriately Protected and Managed Occurrences**

C = Several (4-12) occurrences appropriately protected and managed

Comments

### **Intrinsic Vulnerability**

U = Unknown

Comments

#### **Environmental Specificity**

C = Moderate. Generalist or community with some key requirements scarce.

Comments

#### **Other Considerations**

NRANK - NU. In all likelihood the collections in the PNW represent a different species than those of Eastern North America and Europe.

Edition 11/11/2002 Edauthor Francisco J. Camacho

Grank GU Grank Date 11/11/2002

#### **Greasons**

This is a widespread species, although the Pacific Northwest collections probably represent a distinct species. Until they are described, ranking the local taxa is not possible.

#### **BCD Sources**

#### **New Sources**

Rolland, L. 1899. Excursion a Chamonix - ete et automne 1898. Bull. Soc. Mycol. France 15:73-78