# **Oregon Status Factors**

Elcode NFSM000021

Gname CHAMONIXIA CAESPITOSA

Gcomname

#### Number of Occurrences

A = 1 - 5 Comments Only known from two sites.

### Number of Occurrences with Good Viability

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

# **Population Size**

A = 1-50 individuals Comments

#### **Range Extent**

C = 250-1,000 km2 (about 100-400 square miles) Comments This species is only known from the central Oregon coast.

#### 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

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 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

#### **Other Considerations**

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#### Greasons

There are two locations along the Central Oregon Coast. This is an area that has had many people looking for truffle like fungi. In my many years of collecting in this area I have never seen this species. Because of the occurrence of this species in the Washington Cascades, this species may also be found in the Oregon Cascades.

# **BCD Sources**

#### **New Sources**

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