

# Washington Status Factors

**Elcode** NFSM000008  
**Gname** ARCANGELIELLA CAMPHORATA

## **Gcomname**

### **Number of Occurrences**

A = 1 - 5

**Comments** 3 known collections

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

A = No (A- or B- ranked) occurrences with good viability

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

**Comments**

### **Population Size**

A = 1-50 individuals

**Comments**

### **Range Extent**

D = 1,000-5,000 km<sup>2</sup> (about 400-2,000 square miles)

**Comments** Olympic Peninsula

### **Area of Occupancy**

A = <0.4 km<sup>2</sup> (less than about 100 acres)

B = 0.4-4 km<sup>2</sup> (about 100-1,000 acres)

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

LB = 4-40 km (about 2.5-25 miles)

**Comments** 3 known collections

### **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

B = Moderate and imminent threat. Threat is moderate to severe and imminent for a significant proportion (20-60%) of the population, occurrences, or area. Ecological community occurrences are directly impacted over a moderate area, either causing irreversible damage or requiring a long-term recovery.

Scope Moderate Severity Moderate Immediacy Moderate

**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

A = None. No 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

**Edition** 11/11/2002 **Edauthor** Francisco J. Camacho

**Grank** S2 **Grank Date** 11/11/2002

## Reasons

There are 3 collections from the Olympic Peninsula. Truffles in this region has been relatively well looked for.

## BCD Sources

## New Sources

Pegler, D.N., T.W.K. Young. 1979. The gastroid Russulales. Trans. Brit. Mycol. Soc. 72:353-388. Singer, R., A.H. Smith. 1960. Studies on Secotiaceous fungi. IX. The astrogastraceous series. Mem. Torr. Bot. Club 21:1-112