

## Heritage Rank Status Factors

**Elcode** NFSM000113  
**Gname** OCTAVIANINA MACROSPORA  
**Gcomname**

### Number of Occurrences

A = 1 - 5

**Comments** Only known from one site.

### 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

**Comments**

### Range Extent

A = <100 km<sup>2</sup> (less than about 40 square miles)

**Comments** Only known from one site in Oregon.

### Area of Occupancy

**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 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

A = Very Narrow. Specialist or community with key requirements scarce.

**Comments**

## Other Considerations

NRANK - GH

**Edition** 11/17/2002

**Edauthor** Francisco J. Camacho

**Grank** GH

**Grank Date** 11/17/2002

## Reasons

Only one known site. This site is in habitat that is in the best truffled area. It has only been found once, and not recently. It is certainly a very rare fungus.

## BCD Sources

## New Sources

Singer, R., A.H. Smith. 1960. Studies on secotiaceious fungi. IX. The astrogastreaeous series. Mem. Torr. Bot. Club 21:1-112