

# Oregon Status Factors

**Elcode** NFSM000168  
**Gname** RHIZOPOGON CHAMALEONTINUS  
**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 Two collections around 30 years apart.

## Population Size

Comments

## Range Extent

Comments Only known from Southern 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 High

Immediacy High

**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** Only known from one site.

## Other Considerations

ORNHIC - List 1.

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**Grank** S1S2

**Grank Date** 11/17/2002

## Reasons

One site. Two collections about 30 years apart. At least it seems to be persistent. This is in an area that is not well examined for truffles. It maybe more common.

## BCD Sources

## New Sources

Smith, A.H., S.M. Zeller. 1966. A preliminary account of the North American Species of Rhizopogon. Mem. New York Bot. Gard. 14:1-177