

# California Status Factors

**Elcode** NFSM000169  
**Gname** RHIZOPOGON ELLIPSOSPORUS  
**Gcomname**

## Number of Occurrences

A = 1 - 5

Comments Known from 1 collection.

## 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

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

Comments Known from the central Sierra Nevada of California.

## Area of Occupancy

A = <0.4 km<sup>2</sup> (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

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

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

**Comments**

## Other Considerations

**Edition** 11/17/2002      **Edauthor** Francisco J. Camacho

**Grank** S1S2      **Grank Date** 11/17/2002

## Reasons

Known from the central Sierra Nevada of California. Only 1 collection. Not a well understood species. It occurs in areas that are not well examined for truffles.

## BCD Sources

## New Sources

Trappe, J.M., and Castellano, M.A. 2000. New sequestrate Ascomycota and Basidiomycota covered by the Northwest Forest Plan. Mycotaxon 75:153-179.