

California Status Factors

Elcode NFSM000007
Gname ALPOVA OLIVACEOTINCTUS
Gcomname

Number of Occurrences

B = 6 - 20

Comments Known from 6 collections, from 5 sites.

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

G = 200,000-2,500,000 km² (about 80,000-1,000,000 square miles)

Comments From Southern Western Oregon to Southern Western California including the California Cascades.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

LB = 4-40 km (about 2.5-25 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

C = Moderate. Generalist or community with some key requirements scarce.

Comments Moderate environmental specificity due to the diversity of habitats throughout its range and the occurrence of a collection from a nursery.

Other Considerations

List 3 in Oregon.

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

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

Reasons

This fungus is known from 4 sites and 6 collections. It does not occur in the area of highest truffling and may be more abundant than currently known. Most collections are in the Northern California region except one distjunct collections in Southern California. However, No collections are found in the Sierra Nevada of Fresno County an area that has been well truffled.

BCD Sources

New Sources

Trappe, J.M. 1975. A revision of the genus *Alpova* with notes on *Rhizopogon* and the *Melanogastraceae*. *Nova Hedwigia Beih.* 51:279-309