

Heritage Rank Status Factors

Elcode NFSM000007
Gname ALPOVA OLIVACEOTINCTUS

Gcomname

Number of Occurrences

B = 6 - 20

Comments Known from 8 collections and 7 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

F = 20,000-200,000 km² (about 8,000-80,000 square miles)

Comments From Southwestern Oregon to Northern California, including the California Cascades and Siskiyou Mountains and one site in Southern California.

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

B = 0.4-4 km² (about 100-1,000 acres)

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

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

National Rank - N2N3

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Grank G2G3 **Grank Date** 11/11/2002

Reasons

From southwestern Oregon to northern California including the California Cascades and Siskyou Mountains and one site in Southern California. This fungus is known from 5 sites and 7 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 collection 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