

California Status Factors

Elcode NFSM000016
Gname BOLETUS PULCHERRIMUS
Gcomname

Number of Occurrences

A = 1 - 5

Comments Known from 3 sites in California.

Number of Occurrences with Good Viability

D = Some (13-40) occurrences with good viability

Comments Because this species has been found at the same site several times.

Population Size

A = 1-50 individuals

Comments

Range Extent

E = 5,000-20,000 km² (about 2,000-8,000 square miles)

Comments Occurs in Humboldt and Mendocino Counties.

Area of Occupancy

A = <0.4 km² (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

B = Narrow. Specialist or community with key requirements common.

Comments

Other Considerations

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

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

Reasons

Known from about 3 sites in California. This is a large mushroom. Not easily overlooked by mushroomers. However, it is not easy to identify. There are several look-a-likes.

BCD Sources

New Sources

Smith, A.H., H.D. Thiers. 1971. The Boletes of Michigan. University of Michigan Press, Ann Arbor. 428 p.
Thiers, H.D. 1975. California Mushrooms: a field guide to the Boletes. Hafner Press, London. 261 p.