

Heritage Rank Status Factors

Elcode NFSM000015
Gname BOLETUS HAEMATINUS

Gcomname

Number of Occurrences

B = 6 - 20

Comments Just over a dozen known sites

Number of Occurrences with Good Viability

B = Very few (1-3) occurrences with good viability

C = Few (4-12) 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 Most collections are known from California but one is from Washington.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

C = 4-20 km² (about 1,000-5,000 acres)

LB = 4-40 km (about 2.5-25 miles)

LC = 40-200 km (about 25-125 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

U = Unknown whether any occurrences are appropriately protected and managed

Comments

Intrinsic Vulnerability

U = Unknown

Comments

Environmental Specificity

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

Comments It appears to be associated with *Abies* spp.

Other Considerations

NRANK - N2N3

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

Reasons

Most collections are known from California but one is from Washington. 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

Thiers, H.D., R.E. Halling. 1976. California boletes V. Two new species of *Boletus*. *Mycologia* 68:976-983