

California Status Factors

Elcode NF000TRFU3
Gname TRICHOLOMOPSIS FULVESCENS
Gcomname

Number of Occurrences

A = 1 - 5

Comments This gilled mushroom is medium to large in size with a dull yellow cap and tawny fibrils on it. It fruits on very rotten conifer wood. Castellano et al. (1999) reported one locality in California from the Marble Mtn. Wilderness in Siskiyou Co.

Number of Occurrences with Good Viability

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

Comments The California collection was made relatively recently (1998, OSC n.d.) from a Wilderness Areas and the species has a good chance of being viable at that site.

Population Size

U = Unknown

Comments This can not be determined; records reflect only species presence.

Range Extent

Comments Castellano et al. (1999) reported the only site known from California in the the Marble Mtn. Wilderness in Siskiyou Co.

Area of Occupancy

U = Unknown

Comments Short of using molecular tools there is no way to evaluate this factor.

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 with a single data point trends can not be discerned

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 with a single data point trends can not be discerned

Threats

D = Moderate, non-imminent threat. Threat is moderate to severe but not imminent for a significant portion of the population, occurrences, or area.

Scope Moderate **Severity** Moderate **Immediacy** Low

Comments The California is in a Wilderness Area and thus should be well protected. Logging or other forest practices that would interrupt the addition of coarse woody debris to mesic coniferous forests are the main threats.

Number of Appropriately Protected and Managed Occurrences

B = Few (1-3) occurrences appropriately protected and managed

Comments The Marble Mtn. Wilderness Area is a G1/2 site.

Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

Comments If this species typically utilizes well-rotted conifer logs, certain forest practices might have a negative impact on the species. However, with most of the sites in protected areas the chances of these sites being logged are very slim.

Environmental Specificity

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

Comments If this species typically utilizes well-rotted conifer logs, then as old-growth is removed and large new logs thus are not added to the supply available for saprobic fungi the resources needed to support the more "choosy" wood rotters will decline.

Other Considerations

This is a conspicuous mushroom found on rotting conifer logs, probably large ones. Studies on the gilled mushrooms of the PNW and northern California have been conducted since at least the 1930s, some earlier. In that time only one collection of it from California is on record..

Edition 11/20/2002 **Edauthor** Nancy S. Weber

Grank S1 **Grank Date** 11/20/2002

Reasons

This is a conspicuous mushroom found on rotting conifer logs, probably large ones. Studies on the gilled mushrooms of the PNW and northern California have been conducted since at least the 1930s, some earlier. In that time only one collection of it from California is on record.

BCD Sources

New Sources

Castellano, M.A., Smith, J.A., O'Dell, T., Cazares, E., and Nugent, S. 1999. Handbook to Strategy 1 Fungal Species in the Northwest Forest Plan. Portland, Oregon: USDA Forest Service, PNWRS PNW-GTR-476.