

California Status Factors

Elcode NFSM000031
Gname CLAVULINA CASTANEOPEDES VAR LIGNICOLA
Gcomname

Number of Occurrences

A = 1 - 5

Comments There are 3 records in coastal forests in northern CA.

Number of Occurrences with Good Viability

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

Comments There is 1 occurrence in a protected site. This species is susceptible to logging activities such as soil compaction.

Population Size

U = Unknown

Comments This is a species that grows on wood/duff. I have seen it fruiting pretty abundantly in one location in OR but it is hard to know how big the individuals or populations are.

Range Extent

D = 1,000-5,000 km² (about 400-2,000 square miles)

Comments Known from 3 locations in coastal forests of northern CA.

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

C = Substantial, non-imminent threat. Threat is moderate to severe but not imminent (> 10 years) for most of the population, occurrences, or area.

Scope High Severity High Immediacy Unknown

Comments This species is associated with late successional forests and is susceptible to soil compaction.

Number of Appropriately Protected and Managed Occurrences

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

Comments There is 1 occurrence in a protected site. This species is susceptible to logging activities such as soil compaction.

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 This species is associated with late successional forests and is susceptible to soil compaction.

Environmental Specificity

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

Comments

Other Considerations

Edition 11/11/2002 Edauthor Efren Cazares

Grank S2? Grank Date 11/11/2002

Reasons

This variety is uncommon in CA. 1 out of 3 occurrences are in protected sites. Susceptible to logging activities such as soil compaction. More studies are needed to determine its rarity or abundance in CA. Its ranking should then be re-evaluated.

BCD Sources

Castellano, M.A., E. Cazares, B. Fondrick and T. Dreisbach. 2002. Handbook to additional fungal species of special concern in the Northwest Forest Plan. Gen. Tech. Rep. PNW-GTR-xxx. Portland, OR; U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. xxx p. (In press) & Petersen, R.H. 1964. Notes on clavarioid fungi I. The *Clavulina castaneopes* complex. *Mycologia* 56:20-28.

New Sources