

# California Status Factors

**Elcode** NFSM000041  
**Gname** CORTINARIUS MAGNIVELATUS  
**Gcomname**

## Number of Occurrences

B = 6 - 20

**Comments** Known from the Sierras and Cascades in California.

## Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

**Comments**

## Population Size

A = 1-50 individuals

**Comments**

## Range Extent

A = <100 km<sup>2</sup> (less than about 40 square miles)

B = 100-250 km<sup>2</sup> (about 40-100 square miles)

**Comments** Throughout the montane regions of the state south to the Fresno/Tulare county line.

## Area of Occupancy

B = 0.4-4 km<sup>2</sup> (about 100-1,000 acres)

C = 4-20 km<sup>2</sup> (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

D = Moderate Decline (decline of 25-50%)

E = Relatively Stable ( $\pm 25\%$  change)

**Comments** Due to logging pressures in the high elevation forests of western North America, many lands are unprotected where this taxon is known to occur.

## 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

F = Widespread, low-severity threat. Threat is of low severity but affects (or would affect) most or a significant portion of the population, occurrences, or area. Ecological community occurrences are not threatened severely, with changes reversible and recovery moderately rapid.

Scope Moderate Severity Low Immediacy Low

Comments The immediacy is between low and moderate.

## Number of Appropriately Protected and Managed Occurrences

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

C = Several (4-12) occurrences appropriately protected and managed

Comments Some are in wilderness areas and others in parks, while still others are on BLM and Forest Service lands.

## 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

## Environmental Specificity

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

Comments Habitat is currently in southern Oregon and northern California. There is only one record from Pine County, NV.

## Other Considerations

*Cortinarius magnivelatus* (Morse) Thiers & A. H. Sm.  
ex Fogel

=*C. magnivelatus* Dearness

**Edition** 11/23/2002 **Edauthor** Michelle Seidl

**Grank** S3 **Grank Date** 11/23/2002

## Reasons

In California, this taxon has a narrow range extent in montane coniferous forests in the central and northern Sierras and the southern Cascades. Only a few sites are known from permanently protected areas.

## BCD Sources

ISMS database  
Survey and Manage Excel spreadsheet

## New Sources

Castellano, M. A., Jane E. Smith, Thom O'Dell, Efreñ Cazares and Susan Nugent. 1999. Handbook to Strategy 1 Fungal Species in the Northwest Forest Plan. PNW-GTR-476. October.

Michelle Seidl pers. obs.

J. Ammirati pers. comm.