

California Status Factors

Elcode NLSM000009
Gname LEPTOGIUM TERETIUSCULUM
Gcomname

Number of Occurrences

A = 1 - 5

Comments 2 sites in CA (Martin, personal communication).

Number of Occurrences with Good Viability

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

Comments

Population Size

A = 1-50 individuals

Comments Difficult to tell what an "individual" is.

Range Extent

U = Unknown

Comments

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

LB = 4-40 km (about 2.5-25 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 "Increases" are artificial, due to locating previously unknown populations.

Threats

H = Unthreatened. Threats if any, when considered in comparison with natural fluctuation and change, are minimal or very localized, not leading to significant loss or degradation of populations, occurrences, or area even over a few decades' time. (Severity, scope, and/or immediacy of threat considered Insignificant.)

Scope Insignificant Severity Insignificant Immediacy Insignificant

Comments Reported as on large, mature deciduous trees, so disturbance of large old single trees could be a threat. A bole species, so air pollution should not be a severe threat.

Number of Appropriately Protected and Managed Occurrences

U = Unknown whether any occurrences are appropriately protected and managed

Comments

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

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

Comments Mixed conifer/hardwood stands with hardwood basal area of 50-70%. Quercus forests and savannahs, Populus floodplains.(Martin et al. 2002).

Other Considerations

Edition 2/20/2003 **Edauthor** Daphne Stone

Grank S1 **Grank Date** 11/30/2002

Reasons

Only 2 known populations known in California. However, the species is inconspicuous and probably severely undercollected.

BCD Sources

New Sources

Martin E, McCune B, Hutchinson J. 2002. Distribution and morphological variation of *Leptogium cellulosum* and *L. teretiusculum* in the Pacific Northwest. *Bryologist* 105(3): 358-362.
Gustafsson L, Fiskesjo A, Ingelög T, Petterson B, Thor G. 1992. Factors of importance to some lichen species of deciduous broad-leaved woods in south Sweden. *Lichenologist* 24(3): 255-266.
McCune, B. and L. Geiser. 1997. *Macrolichens of the Pacific Northwest*. Oregon State University Press, Corvallis, Oregon. A co-publication with the U.S. Department of Agriculture Forest Service. 386 pp.
Martin, E. 2002. Pers comm on *Leptogium teretiusculum*