

Oregon Status Factors

Elcode NLT0016630
Gname LEPTOGIUM BURNETIAE VAR HIRSUTUM
Gcomname

Number of Occurrences

A = 1 - 5

Comments L. burnetiae var. hirsutum is a synonym of L. hirsutum (McCune & Geiser 1997). It is treated here as L. hirsutum (Sierk). One population known in OR.

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 km² (less than about 40 square miles)

Comments One population is known in Oregon, from the Columbia River Gorge.

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

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

Comments

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

E = Stable. Population, range, area occupied, and/or number or condition of occurrences unchanged or remaining within $\pm 10\%$ fluctuation

Comments

Threats

A = Substantial, imminent threat. Threat is moderate to severe and imminent for most (> 60%) of the population, occurrences, or area. Ecological community occurrences are directly impacted over a widespread area, either causing irreversible damage or requiring long term recovery

Scope High

Severity High

Immediacy Moderate

Comments The single known population is in a travel corridor and an area with industry; pollution is a threat.

Number of Appropriately Protected and Managed Occurrences

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

Comments One protected in OR.

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

Other Considerations

ORNHIC - List 3. *L. burnetiae* var. *hirsutum* is a synonym of *L. hirsutum* (McCune & Geiser 1997). It is treated here as *L. hirsutum* (Sierk).

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

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

Reasons

One population is known in Oregon, but more survey work is needed.

BCD Sources

New Sources

Brodo, Irwin M., Sharnoff, Sylvia D. and Stephen Sharnoff. 2001. Lichens of North America. Yale University Press. New Haven and London. 795 pp.

Sierk, Herbert A. 1964. The genus *Leptogium* in North America north of Mexico. *Bryologist* 67(3): 245 - 317.