

Heritage Rank Status Factors

Elcode NLSM000011

Gname PANNARIA SAUBINETII

Gcomname

Number of Occurrences

U = Unknown

Comments

Number of Occurrences with Good Viability

Comments

Population Size

Comments

Range Extent

H = > 2,500,000 km² (greater than 1,000,000 square miles)

Comments In Europe mainly Mediterranean, but also extends into central Europe. In North America, a rare species of which only a few correctly identified specimens have been located in humid lowland localities along the Pacific coast north to BC (Jorgensen 2000).

Area of Occupancy

H = >20,000 km² (greater than 5,000,000 acres)

LH = >200,000 km (greater than 125,000 miles)

Comments Estimate 65,000 square miles in Europe/Mediterranean area.

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

U = Unknown. The available information is not sufficient to assign degree of threat as above. (Severity, scope, and immediacy are all unknown, or mostly [two of three] unknown or not assessed [null].)

Scope Unknown Severity Unknown Immediacy Unknown

Comments Found on the bases of large trees; forest practices may be a threat.

Number of Appropriately Protected and Managed Occurrences

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

D = Many (13-40) occurrences 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 Restricted to certain moisture regime; found only at the bases of trees in moist locations.

Other Considerations

NRANK - N2. The genus was recently revised by Jorgensen (2000) and it was discovered that what mostly occurs in the PNW is *Fuscopannaria pacifica*. Any NA records of *P. saubinetii* must be re-examined. True *P. saubinetii* in NA are rare.

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

Grank G3G5 **Grank Date** 11/15/2002

Reasons

Known from southern Europe and from a few collections in humid, low forests of the Pacific coast of North America. Abundance unknown. A nondescript species (Jorgensen 2000) and possibly undercollected.

BCD Sources

New Sources

Jorgensen, P. M. 1978. The Lichen family Pannariaceae in Europe. *Opera Botanica* 45: 1-124.

Jorgensen, P. M. 2000. Survey of the lichen family Pannariaceae on the American Continent, North of Mexico. *Bryologist* 103(4): 670-704.

Wirth, V. 1995. *Die Flechten Baden-Württembergs. Teil 1 & 2.* Ulmer GmbH. Stuttgart.

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.