

Washington Status Factors

Elcode NLLEC5P340

Gname USNEA HESPERINA

Gcomname

Number of Occurrences

Z = 0 (zero)

Comments Perhaps some historical sites exist?

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments

Population Size

U = Unknown

Comments

Range Extent

Z = Zero (no occurrences believed extant)

Comments Coastal.

Area of Occupancy

Z = Zero (no occurrences believed extant)

LZ = Zero (no occurrences believed extant)

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

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 In general, Usnea is moderately sensitive to air pollution.

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 This is a larger Usnea, maturity takes a long time, probably over 10 years.

Environmental Specificity

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

Comments Hypermaritime in BC.

Other Considerations

Usnea species difficult to ID in the field and otherwise.
Need to look for historical records of this species.

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

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

Reasons

No specific sites known in Washington, but it occurs there according to Brodo et al. (2001). Usnea in general are sensitive to air pollution.

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.

Glavich, D, Geiser LH, and Mikulun A. 2002 unpubl. Assessment of the old-growth forest association and habitat requirements of federally listed coastal lichens from northern California, Oregon and Washington, USA. USDA-Forest Service

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.