

Heritage Rank Status Factors

Elcode NLLEC6Q010
Gname PYRRHOSPORA QUERNEA

Gcomname

Number of Occurrences

D = 81 - 300

Comments Estimated approximately 200 occurrences.

Number of Occurrences with Good Viability

F = Very many (>125) occurrences with good viability

Comments

Population Size

U = Unknown

Comments For a crustose lichen, this would be difficult to assess.

Range Extent

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

Comments Occurs in a very narrow coastal habitat in western North America, between Alaska and California (Brodo et al. 2001). Also found in Germany (Wirth 1995), Belgium or vicinity (Diederich et al. 1991), the Ukraine (Oksner et al. 1989), and Denmark (rare) (Danish list on website).

Area of Occupancy

E = 100-500 km² (about 25,000-125,000 acres)

LE = 1,000-5,000 km (about 620-3,000 miles)

Comments Estimated total world occupancy about 400 square miles.

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 Little-known species.

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

Number of Appropriately Protected and Managed Occurrences

U = Unknown whether any occurrences are appropriately protected and managed

Comments

Intrinsic Vulnerability

U = Unknown

Comments

Environmental Specificity

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

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

Comments In the Pacific Northwest of North America, hypermaritime. In Europe, this species appears to be oceanic.

Other Considerations

NRANK - N4.

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

Grank G4 **Grank Date** 11/30/2002

Reasons

Occurs in a very narrow coastal habitat in western North America (coast of Alaska to California), but also occurs in Europe; fairly widespread.

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.

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

Diederich P, Serusiaux E, Van Den Boom P. 1991. Lichens and lichenicolous fungi new or interesting for the flora of Belgium and neighboring areas V. *Lejeunia* (136): 1-47.

Oksner AM, Pishut I, Kondratyuk SY. 1989. Novelties for the lichenoflora of the Ukrainian SSR USSR.

Ukrayins'Kyj Botanichnyi Zhurnal 46(6): 98-100.

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

Danish list accessed through www.lichen.com