

Oregon Status Factors

Elcode NLTEST5170
Gname PELTIGERA PACIFICA
Gcomname

Number of Occurrences

D = 81 - 300

Comments 51 known occurrences in Oregon. This species is superficially similar to a very common lichen, *P. praetextata*, and also to *P. collina*. Some sites may have been overlooked and some may be misidentified.

Number of Occurrences with Good Viability

C = Few (4-12) occurrences with good viability

D = Some (13-40) occurrences with good viability

Comments 20 protected occurrences with good viability.

Population Size

F = 10,000-100,000 individuals

Comments

Range Extent

E = 5,000-20,000 km² (about 2,000-8,000 square miles)

F = 20,000-200,000 km² (about 8,000-80,000 square miles)

Comments Oregon coast. Range is approximately 11,250 square miles.

Area of Occupancy

G = 2,000-20,000 km² (500,000-5,000,000 acres)

LG = 20,000-200,000 km (about 12,500-125,000 miles)

Comments Oregon area occupied is approximately 7,805 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

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

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 Soil lichens tend not to be highly sensitive to air pollution

Number of Appropriately Protected and Managed Occurrences

D = Many (13-40) occurrences appropriately protected and managed

Comments In OR 13 sites are protected and 18 are matrix. Matrix may be enough protection.

Intrinsic Vulnerability

C = Not Intrinsically Vulnerable. Species matures quickly, reproduces frequently, and/or has high fecundity such that populations recover quickly (< 5 years or 2 generations) from decreases in abundance; or species has high dispersal capability such that extirpated populations soon become reestablished through natural recolonization (unaided by humans). Ecological community occurrences are resilient or resistant to irreversible changes in composition and structure and quickly recover (within 10 years).

Comments

Environmental Specificity

C = Moderate. Generalist or community with some key requirements scarce.

Comments Oceanic.

Other Considerations

ORNHIC - Not listed. This lichen is difficult to ID - superficially similar to a very common lichen, *P. praetextata*, and also to *P. collina*. Some sites may have been overlooked, some may be misidentified.

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

Grank S3? **Grank Date** 11/30/2002

Reasons

Restricted to oceanic environments. Only 51 OR populations are known currently, but new populations are found yearly and the species is not believed to be threatened.

BCD Sources

New Sources

Goward T, Ahti T. 1992. Macrolichens and their zonal distribution in Wells Gray Provincial Park and its vicinity, BC, Canada. *Acta Botanica Fennica* 147: 1-60. Vitikainen O. 1985. Three new species of *Peltigera* lichenized Ascomycetes. *Ann. Bot. Fennici* 22(4): 291-298.

Brodo I, Wong PY. 1993. *Lichenes Canadenses Exsiccati: Fascicle IV*. *Mycotaxon* 46: 135-140

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.