

Washington Status Factors

Elcode PPOPH010R0
Gname BOTRYCHIUM MINGANENSE
Gcomname

Number of Occurrences

D = 81 - 300

Comments 288 occurrences in Washington.

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments Difficult to ascertain "good viability" for Botrychium occurrences.

Population Size

F = 10,000-100,000 individuals

Comments Many populations do not have exact counts or state a minimum number of plants noted. But there are at least 12,000 individual plants counted statewide.

Range Extent

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

Comments Cascades, Okanogan, and northeastern Washington.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

LB = 4-40 km (about 2.5-25 miles)

Comments Patches are generally small.

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 Unknown

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 Unknown

Threats

G = Slightly threatened. Threats, while recognizable, are of low severity, or affecting only a small portion of the population, occurrences, or area. Ecological community occurrences may be altered in minor parts of range or degree of alteration falls within the natural variation of the type.

Scope Low

Severity Low

Immediacy Moderate

Comments Primary threat would be from timber harvest, though many Botrychium species can persist in disturbed areas.

Number of Appropriately Protected and Managed Occurrences

U = Unknown whether any occurrences are appropriately protected and managed

Comments Very few are protected.

Intrinsic Vulnerability

U = Unknown

Comments Unknown

Environmental Specificity

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

Comments

Other Considerations

Edition 11/25/2002

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Grank S4

Grank Date 11/25/2002

Reasons

Over 200 occurrences. Can occur in disturbed areas. Several very large occurrences.

BCD Sources

New Sources

Washington Natural Heritage dataset. 2002. Washington Department of Natural Resources. Olympia, WA.