

Washington Status Factors

Elcode PPOPH010K0
Gname BOTRYCHIUM MONTANUM
Gcomname

Number of Occurrences

D = 81 - 300

Comments 121 occurrences in Washington, when the Washington Natural Heritage Program stopped tracking the species in 1997.

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments Difficult to ascertain "good viability" for Botrychium.

Population Size

E = 2,500-10,000 individuals

Comments

Range Extent

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

Comments Confined to the northern portion of the state.

Area of Occupancy

B = 0.4-4 km² (about 100-1,000 acres)

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

Comments Populations tend to be quite 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

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

Comments

Intrinsic Vulnerability

U = Unknown

Comments Unknown

Environmental Specificity

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

Comments

Other Considerations

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Grank S3S4

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Reasons

Over 100 occurrences, but few protected occurrences and most occurrences are quite small.

BCD Sources

New Sources

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