

Heritage Ranking Form - State Rank

Scientific Name: Botrychium pumicola

Common Name: Pumice grape-fern

Classification: Vascular Plant

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: 3271 sq mi; convex hull for Oregon Eos.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: 166 grid cells in Oregon

Number of Occurrences: D = 81 - 300

Comments: 86 Eos, 1 km sep. distance

Population Size: F = 10,000 - 100,000 individuals

Comments: 12677 reported in records

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 7 Eos with population numbers greater than 600.

Environmental

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

Comments: Pumicy soils, frost pockets in lodgepole pine forest

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: G = Relatively Stable (<=10% change)

Comments: None

Threat Impact: BC = High - Medium

Comments: Many of the sighting reports note timber harvest activities although it is unknown how this species responds to those types of activities

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S3

Comments: Plant numbers and occurrences are relatively good but little is known about how this species might respond to disturbance.

Rank Notes: Calculator Rank (unrevised)=S3S4. Numbers, both occurrences and plant numbers, are on the low end of the value range; threats not completely known or documented so not considered stable

Reference: None

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