

Heritage Ranking Form - Global Rank

Scientific Name: Ivesia rhypara var. shellyi

Common Name: Shelly's Ivesia

Classification: Vascular Plant

Range Extent: A = <100 sq km (< ~40 sq mi)

Occurs near the border of Harney and Lake Counties, Oregon, in approximately 52 sq. km

Population Size: DF = 1000 - 100,000 individuals

Comments: One site had nearly 30,000 plants in 2012, but most surveys between 1985 and present have found 100s or low 1000s.

Number of

Occurrences: A = 1 - 5

Comments: Three element occurrences known.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: About 1.8 sq. km occupied, among 9 4km² grid cells.

Good Viability: B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: All three probably with good viability.

Environmental

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

Comments: Restricted to outcrops of pumiceous welded ash-flow tuff (Erter 1989).

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

Comments: Assumed to be stable. One site has decreased, another has increased, the third is stable.

Long Term Trends: U = Unknown

Comments: None

Threat Impact: U = Unknown

Comments: Grazing occurs in the canyons where this taxa grows but it is unclear if cattle use harms the populations. Mining activity could also be a threat although no claims have been noted for this area. Calculated as highly vulnerable to climate change, but with low confidence.

Intrinsic Vulnerability: U = Unknown

Comments: None

Heritage Rank: T1T2

Comments: Total number of plants was about 34,000 in 2012 (some populations not resurveyed that year), but with only a total range of 52 square kilometers. Threats are minimal but the range is very restricted and the habitat is limited.

Rank Notes: None

Reference: None

Rank Date: 4/11/2013

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