Heritage Ranking Form - Global Rank

Scientific Name: Luina serpentina

Common Name: Colonial luina

Classification: Vascular Plant

Range Extent: B = 100-250 sq km (~40-100 sq mi)

Comments: 89 sq. mi., convex hull; eastern Oregon local endemic

Area of Occupancy: E = 26-125 4-km2 grid cells

Comments: 30-39 grid cells

Number of Occurrences: B = 6 - 20

Comments: 8 occurrences, with 1 km separation distance

Population Size: E = 2,500 - 10,000 individuals

Comments: Estimated 4600 clumps

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

Comments: None

Environmental Specificity: Not Evaluated

Comments: None

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

Comments: None

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

Comments: Despite limited sexual reproduction and low genetic diversity, populations are nonetheless stable, primarily maintained by the apparent clonal growth of plants (Gisler 2000).
Threat Impact: C = Medium

Comments: Most of the threats noted in reports, fire suppression, logging, road construction, exotic weed invasion, grazing, and mining are concerns but have not affected the populations notably.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: G3

Comments: Although number of plants and occurrences appear low, population size is stable with minimal threats.

Rank Notes: None


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