

Heritage Ranking Form - State Rank

Scientific Name: *Frasera umpquaensis*

Common Name: Umpqua swertia

Classification: Vascular Plant

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

Comments: 4086 sq. mi., convex hull

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

Comments: 50-51 grid cells

Number of Occurrences: B = 6 - 20

Comments: 16 eos (with 1 km separation)

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

Comments: Estimated at 36,000 plants

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

Comments: 8 occurrences with good to excellent viability

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

Comments: Mid- to high-elevation conifer forests.

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: Not Evaluated

Comments: None

**Intrinsic
Vulnerability:** B = Moderately vulnerable

Comments: Reproducing poorly--low seed set, low germination rate, few seedling produced (Vander Schaaf 1987; Cripps 1993)

Heritage Rank: S3

Comments: Restricted to 3 areas within the state, plant numbers are good but reproduction poor with low seed set and low germination rate.

Rank Notes: None

Reference: Vander Schaaf, Dick. 1987. Species management guide for *Frasera umpquaensis*. Unpublished document, Nature Conservancy, Portland, Oregon. 23 pp. | Cripps, Cindy. 1993. Conservation strategy: *Frasera umpquaensis*. USDA Forest Service, Umpqua, Rogue River, Willamette and Siskiyou National Forests and USDI BLM Medford and Eugene Districts. 30 pp.

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