

Heritage Ranking Form - Global Rank

Scientific Name: *Frasera umpquaensis*

Common Name: Umpqua swertia

Classification: Vascular Plant

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Approximately 12000 sq. mi., found in Oregon and California.

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

Comments: 7 grids for CA; 50-51 grids for OR

Number of

Occurrences: BC = 6 - 80

Comments: CA 6 occurrences; 12-20 Oregon

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

Comments: Rough est. 46000; 36000 in Oregon, another 10000 in California

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

Comments: 3-4 Eos good in CA; 9 Eos (500+ plants)

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: Late successional habitat. Seed dispersal by gravity, low seed set, BBG tests -- low germination, low number of seedlings noted (Vander Schaaf 1987; Cripps 1993).

Heritage Rank: G3

Comments: Low number of occurrences, low number of plants, reproduction is poor.

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 Unpublished document, Nature Conservancy, Portland, Oregon. 23 pp.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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