

Heritage Ranking Form - State Rank

Scientific Name: Calochortus greenei

Common Name: Greene's mariposa-lily

Classification: Vascular Plant

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

Comments: 86 square miles

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

Comments: 48 grid cells

Number of Occurrences: B = 6 - 20

Comments: 17 occurrences (1 km separation distance)

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

Comments: About 16,000

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

Comments: 2 occurrences with plant numbers in the thousands, 1 other with >300 plants.

Environmental Specificity: Not Evaluated

Comments: None

Short Term Trends: F = Decline of 10 - 30%

Comments: None

Long Term Trends: F = Decline of 10 - 30%

Comments: None

Threat Impact: BC = High - Medium

Comments: Threatened by competition from invasives although the mountainous terrain (compared to the California populations) limited heavy grazing and the subsequent increase from weedy species (Brock 1988).

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: S3

Comments: Limited in range and numbers in Oregon, but habitat is more mountainous limiting one of the threats, cattle grazing, although herbivory from deer and small rodents still a concern.

Rank Notes: None

Reference: Brock, Richard. 1988. *Calochortus greenei*: habitat and threat analysis. Prepared with a grant from the Hardman Foundation, Woodland Hills, California. Unpublished document on file at ORBIC.

Rank Date: 6/23/2010

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