

Heritage Ranking Form - State Rank

Scientific Name: Arabis macdonaldiana

Common Name: Red Mountain Rockcress

Classification: Vascular Plant

Range Extent: C = 250-1,000 sq km (~100-400 sq mi)

761 sq km range in Oregon calculated by convex hull.

Population Size: AC = 1 - 1000 individuals

Comments: Between 40 and 400 plants based on most recent surveys; detailed population counts not available for all sites, and numbers may have changed since last survey.

Number of

Occurrences: B = 6 - 20

Comments: 8 EOs using 1 km separation distance.

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

Comments: 8 4km² grid cells occupied.

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

Comments: One population with good viability in 1998, no more recent survey data.

Environmental

Specificity: A = Very narrow. Specialist or community with key requirements scarce

Comments: Serpentine.

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

Comments: Based on global species data on NatureServe.

Long Term Trends: E = Decline of 30 - 50%

Comments: Based on global species data on NatureServe.

Threat Impact: AC = Very High - Medium

Comments: Threatened by mining and possibly grazing.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: S1

Comments: Limited population data from surveys, but there are few EOs and small numbers of plants reported between the 1990s and early 2000s. Habitat is sensitive and rare.

Rank Notes: Calculator Rank (unrevised)=S1?. Sensitive and rare habitat, small plant numbers, limited recent survey data.

Reference: None

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