Heritage Ranking Form - Global Rank

Scientific Name: *Ranunculus austrooregonus*
Common Name: Southern Oregon buttercup
Classification:

Heritage Rank: **G3**

Rank Date: 8/1/2016

Comments: Range and habitat are limited, but there are several large populations and many are on public land or private preserves. Threats are widespread (habitat loss, climate change) but not severe. There is also some question as to whether this is a distinct taxon; Flora of North America describes this as "doubtfully distinct from R . occidentalis var. howellii". Several sites have noted hybridization with Ranunculus occidentalis.

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: 1442 sq km by convex hull

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

Comments: None

Number of Occurrences: C = 21 - 80

Comments: 69 EOs based on Oregon's 500m separation distance; would be fewer using the standard 1 km.

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

Comments: 120 4km2 grid cells

Good Viability: D = Some (13-40) occurrences with excellent or good viability or ecological integrity

Comments: Several sites with thousands of plants.

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

Comments: Vernal pools, oak woodlands, meadows.

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

Comments: Surveys in late 2000s/early 2010s still finding lots of plants. Relatively stable according to 2006 ranking assessment.

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments:
Agriculture, hybridization. Calculated as moderately vulnerable to climate change.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Adjustment Notes: None

References: None

Rank Author: Wise, L.

Oregon Biodiversity Information Center, Institute for Natural Resources
Portland State University   http://inr.oregonstate.edu/orbic
Mail Stop: INR, PO Box 751   http://inr.oregonstate.edu/
Portland, OR 97207-0751   503-725-9950