

Heritage Ranking Form - Global Rank

Scientific Name: *Pyrrocoma radiata*

Common Name: Snake River goldenweed

Classification: Vascular Plant

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

Comments: 986 sq. mi.; manual convex hull, far eastern OR and adjacent ID

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

Comments: 56 grid cells in Oregon, possibly 18 more in Idaho

Number of

Occurrences: C = 21 - 80

Comments: 36 occurrences in Oregon, 18 in Idaho

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

Comments: 20000 est in Idaho (Mancuso and Moseley 1993); est. 50000 in Oregon

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

Comments: 18 occurrences in Oregon with >500 plants; 3 in Idaho

Environmental

Specificity: Not Evaluated

Comments: None

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

Comments: No pattern of population trends associated with grazing. Studied plots show declines over time whether fenced or not (Kaye 2002). Stochastic growth rate < 1 at 9 out of 10 plots (Kaye 2002).

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

Comments: None

Threat Impact: C = Medium

Comments: None

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: G3

Comments: Limited in geographic distribution, number of occurrences, and plant numbers

Rank Notes: None

Reference: Mancuso, Michael and Robert Moseley. 1993. Report on the conservation status of *Haplopappus radiatus*, in Idaho. Unpublish document, Idaho Dept. of Fish and Game, Boise, ID. 32 pp. + Appendices. |
Kaye, Thomas N. 2002. Effects of cattle grazing, insect interactions and population ecology of Snake River Goldenweed (*Haplopappus radiatus*). Unpublished document, Bureau of Land Management Vale District and Institute for Applied Ecology, Corvallis, Oregon. 32 pp.

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