

# Heritage Ranking Form - Global Rank

**Scientific Name:** Eucephalus gormanii

**Common Name:** Gorman's aster

**Classification:** Vascular Plant

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

Comments: 990 sq mi, convex hull; Oregon endemic, restricted to central Cascades

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: 72-81 grid cells

**Number of Occurrences:** C = 21 - 80

Comments: 46 occurrences (1 km separation distance)

**Population Size:** G = 100,000 - 1,000,000 individuals

Comments: About 500000

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

Comments: 27 occurrences with good to excellent viability

**Environmental Specificity:** B = Narrow. Specialist or community with key requirements common

Comments: Open ridges and outcrops, lithosolic, between 3700-6200 ft (1100-1900 m)

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

Comments: None

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

Comments: None

**Threat Impact:** Not Evaluated

Comments: None

**Intrinsic Vulnerability:** B = Moderately vulnerable

Comments: Poor seedling recruitment, low production of viable seeds. Adults long-lived. (Ingersoll 1989)

**Heritage Rank:** G3

Comments: This species is a narrow endemic with limited occurrences. Although plant numbers are large as well as the number of occurrences with good to excellent viability, there are concerns about the low rate of seedling recruitment and viable seed production.

Rank Notes: None

Reference: Ingersoll, Cheryl. 1989. Draft interim management guide for *Aster gormanii* (Piper) Blake. Unpublished document prepared for the Oregon Dept. of Agriculture and Mt. Hood National Forest.

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