**Heritage Ranking Form - State Rank**

**Scientific Name:** Eucephalus vialis

**Common Name:** Wayside aster

**Classification:** Vascular Plant

**Range Extent:** E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: 5382 sq mi, convex hull based on ORBIC occurrences. Range is from southern Linn County southward to California.

**Area of Occupancy:** F = 126-500 4-km² grid cells

Comments: 194 grid cells

**Number of Occurrences:** D = 81 - 300

Comments: 123 occurrences; 1 km separation distance

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

Comments: About 43000 plants

**Good Viability:** C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: 9-12 occurrences with good to excellent viability, 9 with 500+ plants, 3 more with 400-500 plants

**Environmental Specificity:** Not Evaluated

Comments: None

**Short Term Trends:** FG = Decline of <30% to relatively stable

Comments: None
Long Term Trends: FG = Decline of <30% to relatively stable

Comments: None

Threat Impact: Not Evaluated

Comments: None

Intrinsic Vulnerability: B = Moderately vulnerable

Comments: Species apparently with low seed set, low recruitment rate. There is also a strong correlation between light canopy cover and plant health, those plants under dense canopy cover not reproducing (Thorpe et al. 2009). Many sites not reproducing at all (Kaye pers. comm. 2010).

Heritage Rank: S3

Comments: Although range extent, number of occurrences and plants, number of occurrences with good viability are fairly large, there are concerns in regard to its low seed set and low recruitment rate.

Rank Notes: None


Rank Date: 7/9/2010
Rank Author: Vrilakas, Sue

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