

California Status Factors

Elcode PDASTEC0A0
Gname EUCEPHALUS VIALIS
Gcomname Wayside aster

Number of Occurrences

A = 1 - 5

Comments One occurrence known in Del Norte County, California. More sites may exist in the Siskiyou Mountains than has been currently reported.

Number of Occurrences with Good Viability

U = Unknown what number of occurrences with good viability

Comments There is no information for the one record.

Population Size

A = 1-50 individuals

Comments There is no information for the one record. Basing an estimate using Oregon data, most populations for this species are less than 50.

Range Extent

A = <100 km² (less than about 40 square miles)

Comments One occurrence known in Del Norte County, California, assumed to be less than 100 km².

Area of Occupancy

A = <0.4 km² (less than about 100 acres)

LA = <4 km (less than about 2.5 miles)

Comments

Long-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

E = Relatively Stable ($\pm 25\%$ change)

Comments This plant seems to tolerate slight disturbance, and may prefer open to semi-shade. Plants growing under closed canopy appear less vigorous and robust. In areas that have human disturbance, roadsides, gardens etc., populations appear to expand and will probably be shaded out.

Short-term Trend in Population Size, Extent of Occurrence, Area of Occupancy, and/or Number or Condition of Occurrences

E = Stable. Population, range, area occupied, and/or number or condition of occurrences unchanged or remaining within $\pm 10\%$ fluctuation

Comments This plant seems to tolerate slight disturbance, and may prefer open to semi-shade. Plants growing under closed canopy appear less vigorous and robust. In areas that have human disturbance, roadsides, gardens etc., populations appear to expand and will probably be shaded out.

Threats

G = Slightly threatened. Threats, while recognizable, are of low severity, or affecting only a small portion of the population, occurrences, or area. Ecological community occurrences may be altered in minor parts of range or degree of alteration falls within the natural variation of the type.

Scope Low **Severity** Low **Immediacy** Low

Comments

Number of Appropriately Protected and Managed Occurrences

A = None. No occurrences appropriately protected and managed

Comments No California sites protected.

Intrinsic Vulnerability

B = Moderately Vulnerable. Species exhibits moderate age of maturity, frequency of reproduction, and/or fecundity such that populations generally tend to recover from decreases in abundance over a period of several years (on the order of 5-20 years or 2-5 generations); or species has moderate dispersal capability such that extirpated populations generally become reestablished through natural recolonization (unaided by humans). Ecological community occurrences may be susceptible to changes in composition and structure but tend to recover through natural processes given reasonable time (10-100 years).

Comments

Environmental Specificity

C = Moderate. Generalist or community with some key requirements scarce.

Comments In Oregon, this aster grows in openings and near edges of mixed forests, usually of Douglas-fir (*Pseudotsuga menziesii*), oak (*Quercus garryana*, *Q. kelloggii*, or *Q. chrysolepis*), madrone (*Arbutus menziesii*), and tanoak (*Lithocarpus densiflora*) in the southern populations. It also appears to be dependent on small disturbances, either natural or man-made (Gamon 1986).

Other Considerations

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Reasons

Only known from 1 unprotected occurrence in Del Norte County, California.

BCD Sources

New Sources

Gamon, John. 1986. Status report for *Aster vialis*. Draft report written by Oregon Natural Heritage Data Base

[Oregon Natural Heritage Information Center] for U.S. Fish and Wildlife Service. 37 pp.