



PLANT

Oreomyrrhis eriopoda

Australian Carraway

AUS	SA	AMLR	Endemism	Life History
-	E	V	-	Perennial

Family UMBELLIFERAE



Photographer: Tim Jury (TPAG)

Conservation Significance

In SA, the majority of the distribution is confined within the AMLR, disjunct from the remaining extant distribution in other States. Within the AMLR the species' relative area of occupancy is classified as 'Extremely Restricted'. Relative to all AMLR extant species, the species' taxonomic uniqueness is classified as 'Very High'.³

Description

Erect herb to approximately 30 cm high. Fine, divided, carrot-like leaves and erect unbranched flower stems. Flowers tiny, white, petals less than 1 mm, hairy below, anthers purplish.^{1,5}

Distribution and Population

Also occurs in NSW, VIC and TAS. In SA occurs in SL and SE regions.¹

Extremely rare in SA, recorded just twice in the past century.¹

Post-1983 AMLR filtered records restricted to Mount Bold Reservoir, and near Lenswood/Lobethal.³

Pre-1983 AMLR filtered records are few but indicate an additional historic record from Verdun.³

Habitat

Recorded habitats within the AMLR include:

- Mount Bold Reservoir: shallow gully with *Eucalyptus viminalis*, *E. obliqua*, *Ranunculus lappaceus*, *Ajuga australis* and *Scaevola albida*, also in grassy creekline by the reservoir with *Eucalyptus viminalis* and *E. obliqua*
- Woodside/Lenswood area: *Eucalyptus leucoxylo*n woodland with *Acacia pycnantha*.⁵

Within the AMLR the preferred broad vegetation groups are Grassy Woodland and Riparian.³

Within the AMLR the species' degree of habitat specialisation is classified as 'High'.³

Biology and Ecology

Flowers from September to November.¹

Recruits by seed which maintains viability for long periods. Possibly a disturbance-tolerant species that will establish in presence of adult competition. Plant remains reproductively immature for one year.⁴

Aboriginal Significance

Post-1983 records indicate the entire AMLR distribution occurs in Peramangk Nation (bordering Kaurna Nation).³

Threats

Threats include weed competition (particularly Montpellier Broom, *Genista monspessulanus*) and the lack of formal protection for some sub-populations.²

The proposal to increase the capacity of Mount Bold Reservoir may see the loss of 90% of this population (D. Duval *pers. comm.*).

Very limited occurrence within the AMLR, however the majority of known distribution occurs within 2 km of confirmed or suspected *Phytophthora* infestations.³

Additional current direct threats have been identified and rated for this species. Refer to the main plan accompanying these profiles.

Further information:

Biodiversity Conservation Unit, Adelaide Region

Phone: (61 8) 8336 0901 Fax: (61 8) 8336 0999

<http://www.environment.sa.gov.au/>

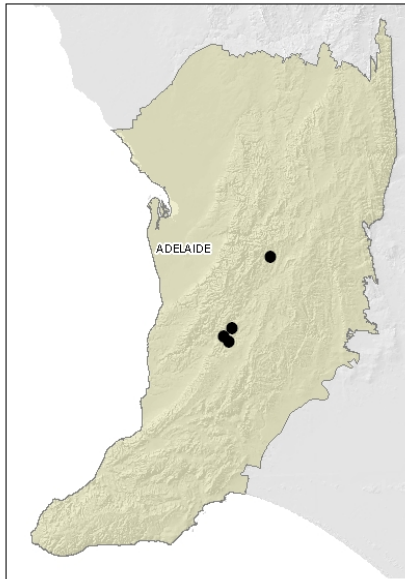
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Prepared as part of the Regional Recovery Plan for Threatened Species and Ecological Communities of Adelaide and the Mount Lofty Ranges, South Australia 2009 - 2014





Regional Distribution



Map based on filtered post-1983 records.³ Note, this map does not necessarily represent the actual species' distribution within the AMLR.

References

Note: In some cases original reference sources are not included in this list, however they can be obtained from the reference from which the information has been sourced (the reference cited in superscript).

1 Department for Environment and Heritage *Electronic Flora of South Australia species Fact Sheet: Oreomyrthes eriopoda (DC.)Hook.f.* Available from <http://www.flora.sa.gov.au> (accessed June 2007).

2 Department for Environment and Heritage. (2007). Adelaide and Mount Lofty Ranges Regional Recovery Pilot Expert Flora Workshop, Unpublished Notes. Participants: Bickerton, D., Croft, T., Jury, T., Lang, P., Prescott, A., Quarmby, J. and Smith, K., Adelaide.

3 Department for Environment and Heritage (2007). *Adelaide and Mount Lofty Ranges Regional Recovery Pilot Project Database*. Unpublished data extracted and edited from BDBSA, SA Herbarium (July 2007) and other sources.

4 Department for Environment and Heritage (2007). *Combined Fire Response Database*. Unpublished data, extracted September 2007.

5 Department for Environment and Heritage (2007). *State Herbarium of South Australia Database*. Unpublished data, extracted October 2007.

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