



*Helichrysum rutidolepis*

Pale Everlasting

AUS	SA	AMLR	Endemism	Life History
-	E	E	-	Perennial

Family COMPOSITAE



Photo: M. Fagg ©ANBG

#### 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 'Very Restricted'.<sup>4</sup>

#### Description

Multi-stemmed herb, 15-40 cm tall, up to 1 m in diameter. Yellow daisy flower.<sup>2</sup>

Closely resembles the late-spring flowering *Helichrysum scorpioides*.<sup>2</sup>

#### Distribution and Population

Also occurs in NSW, VIC and TAS. In SA occurs in MU and SL regions.<sup>2</sup>

Post-1983 AMLR filtered records from Horsnell Gully CP, Mount Bold/Scott Creek, Kuitpo and Finniss CP.<sup>4</sup>

The status of a possible Hindmarsh Falls sub-population is not known (K. Brewer and J. Smith *pers. comm.*).

Pre-1983 AMLR filtered records indicate the distribution extended further east towards Balhannah, and to the south around Waitpinga.<sup>4</sup>

#### Habitat

Grows in woodland, usually occurring along watercourses in the grassy understorey of *Eucalyptus camaldulensis*.<sup>2,7</sup> Also recorded with *Eucalyptus obliqua*, *E. goniocalyx* and *E. fasciculosa*.<sup>1</sup> At Mount Bold also growing in creekline flats in open swales with *Mentha* sp., *Microlaena stipoides* and *Stellaria palustris* surrounded by impenetrable thickets of Blackberry. At Finniss CP, growing in river rocks and alluvial soil near river edge with *Eucalyptus camaldulensis*, *Callistemon sieberi*, *Solanum nigricans*, *Agrostis* sp., *Acacia retinodes*, *Leptospermum continentale* and *Euchiton gymnocephalum*.<sup>6</sup>

Within the AMLR the preferred broad vegetation group is Riparian.<sup>4</sup>

Within the AMLR the species' degree of habitat specialisation is classified as 'Very High'.<sup>4</sup>

#### Biology and Ecology

Flowers from January to March or July.<sup>2</sup>

Re-establishes after fire by vegetative means (from rootstock). Will establish in the presence of adult competition. Plants presumed to remain mature and alive for ten years. Seeds presumed to remain on site for ten years.<sup>5</sup>

#### Aboriginal Significance

Post-1983 records indicate the majority of the AMLR distribution occurs in Peramangk Nation. Also present in Kurna and Ngarrindjeri Nations.<sup>4</sup>

#### Threats

The proposed extension to Mount Bold Reservoir may affect 95% of the sub-populations present (D. Duval *pers. comm.*).

Weed competition (e.g. Blackberry) is an issue at some sites.<sup>3</sup>

Within the AMLR, the majority of known distribution occurs within 2 km of confirmed or suspected *Phytophthora* infestations.<sup>4</sup>

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



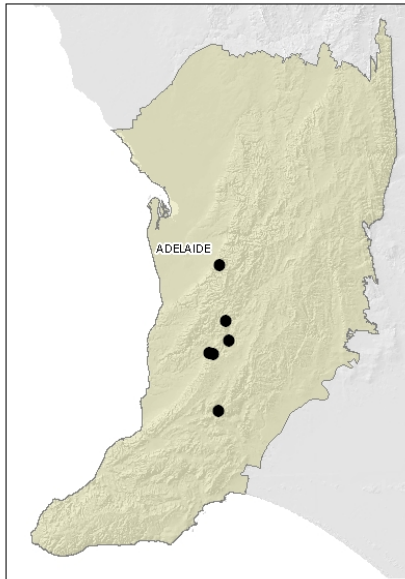


# ADELAIDE AND MOUNT LOFTY RANGES SOUTH AUSTRALIA

Threatened Species Profile

Department  
for Environment  
and Heritage

## Regional Distribution



Map based on filtered post-1983 records.<sup>4</sup> Note, this map does not necessarily represent the actual species' distribution within the AMLR.

<sup>7</sup> Prescott, A. (1988). *It's Blue with Five Petals*. Ann Prescott, Adelaide, South Australia.

## 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).

<sup>1</sup> Armstrong, D. M., Croft, S. N. and Foulkes, J. N. (2003). *A Biological Survey of the Southern Mount Lofty Ranges, South Australia, 2000-2001*. Department for Environment and Heritage, South Australia.

<sup>2</sup> Department for Environment and Heritage *Electronic Flora of South Australia species Fact Sheet: Helichrysum rutidolepis*. Available from <http://www.flora.sa.gov.au> (accessed September 2007).

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> Department for Environment and Heritage (2007). *Combined Fire Response Database*. Unpublished data, extracted September 2007.

<sup>6</sup> Department for Environment and Heritage (2007). *State Herbarium of South Australia Database*. Unpublished data, extracted October 2007.

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