**Juncus amabilis**

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**Family** Juncaceae

**Conservation Significance**

The AMLR distribution is disjunct, isolated from other extant occurrences within SA. Within the AMLR the species' relative area of occupancy is classified as 'Very Restricted'. Relative to all AMLR extant species, the species' taxonomic uniqueness is classified as 'High'.

Recommendation to reassess State conservation status to downgrade or de-list.

**Description**

Erect rush, stems arising from a rhizome, red at the base. Leaves greyish-green, cylindrical, easily compressed, 20-120 cm high and 1-2.3 mm diameter. Flowers clustered, pale-coloured.

**Distribution and Population**

Also occurs in WA, NSW, VIC and TAS. Apparently an introduced species in NZ. In SA, occurs in SL and SE regions.

Post-1983 AMLR filtered records near Mount Bold Reservoir, Greenhill, Meadows, Macclesfield, northeast of Myponga and Stipiturus CP. Additional records exist for Belair, Longwood, Macclesfield, Meadows, Mount Bold, Mylor and Scott Creek areas. An old record exists for Glenshera swamp. Uncertain if still occurs at Belair (T. Jury pers. comm.). Other known populations in the AMLR are at Pages Flat and Mylor (K. Brewer and J. Smith pers. comm.).

Pre-1983 AMLR filtered records are limited to the Belair and Mylor areas.

**Habitat**

Occurs in damp places. Generally a wetland species but not restricted to this habitat (B. Bates pers. comm.).

Recorded AMLR habitats include:

- Eucalyptus microcarpa and E. camaldulensis woodland
- cleared grazing land of mostly introduced pasture plants and Blackberries, also some Juncus flavidus and J. pallidus
- grassy roadside areas

- dam edges with Juncus nodosa, J. palidus, J. articulatus, Pennisetum clandestinum, Persicaria prostrata and Craspedia cunninghamii
- generally with Carex bichenoviana and C. appressa (T. Jury pers. comm.).

Within the AMLR the preferred broad vegetation groups are Heathy Woodland, Wetland and Riparian.

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

**Biology and Ecology**

Flowers between December and February.

Considered to have a robust fire response (not likely to be affected by repeated fires).

**Aboriginal Significance**

Post-1983 records indicate the majority of the AMLR distribution occurs in Peramangk Nation. Also present in Kaurna Nation.

**Threats**

Threats include water management/use (reduced flows, water extraction), weed competition (e.g. Blackberries), climate change, restricted population size, site disturbance and management activities (K. Brewer and J. Smith pers. comm.).

Within the AMLR, approximately half of known distribution occurs within 2 km of confirmed or suspected Phytophthora infestations.

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

Map based on filtered post-1983 records. 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).


