Tricostularia pauciflora

Needle Bog-rush

Family CYPERACEAE

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 ‘Extremely Restricted’. Relative to all AMLR extant species, the species' taxonomic uniqueness is classified as 'High'.

Description
Tufted rush. Stems slender and rigid, 10-30 cm long.

Distribution and Population
Also occurs in NSW, VIC and TAS. In SA occurs in SL, KI and SE regions.

Probably common and widespread in open forests and grasslands throughout the SMLR before European settlement but now much reduced. Considered endangered in wet habitats of Fleurieu Peninsula (P. Lang pers. comm.).

Pre- and post-1983 AMLR filtered records near Mount Compass, Black Swamp and near Mount Billy.

Habitat
Grows in swampy places (P. Lang pers. comm.).

In the AMLR, recorded habitat includes damp sand heath growing on edge of graded track near Schoenus brachyphyllus, Lepidosperma canescens, L. carphoides and Patersonia fragilis.

Within the AMLR the preferred broad vegetation groups are Shrubland and Wetland.

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

Biology and Ecology
Flowers from August to October.

Wind is the most likely pollination agent (A. Hingston pers. comm.).

Aboriginal Significance
Post-1983 records indicate the majority of the AMLR distribution occurs in southern Ngarrindjeri Nation. Also occurs in southern Peramangk Nation.

Threats
Very limited within the AMLR region, however 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).


