Ranunculus papulentus

Large River Buttercup

### AUS SA AMLR Endemism Life History

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**Family** RANUNCULACEAE

Photo: M. Fagg ©ANBG

**Conservation Significance**
The AMLR distribution is disjunct, isolated from other 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 ‘Very High’.

**Description**
Upright perennial herb 10-25 cm high with underground stolons. Flowering stems slender, erect 3-30 cm high. Two to four flowers with spreading, glossy yellow petals.

**Distribution and Population**
Also occurs in ACT, NSW and VIC. In SA occurs in MU, SE and SL regions.
Post-1983 AMLR filtered records from Second Valley Forest and Kuitpo Forest areas, and between Mount Compass and Myponga.

There are no pre-1983 records.

**Habitat**
Occurs in wet freshwater environments, on mud or in pools.

In AMLR, recorded from Southern Lofty:
- Illawong Creek, Parawa: black mud and water,
- Glenshera Swamp, east of Myponga: dry waterhole, growing in black mud near Eleocharis acuta, Carex tereticaulis and Juncus sarophorus.

Within the AMLR the preferred broad vegetation group is Wetland.

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

**Biology and Ecology**
Flowers from December to January. Rhizomatous habit which aids spread.

**Aboriginal Significance**
Post-1983 records indicate the AMLR distribution occurs in Ngarridjeri and Peramangk Nations, and on the border of southern Kaurna and Peramangk Nations.

**Threats**
Little known, but probably similar to Ranunculus inundatus (see profile).

Within the AMLR, less than a third 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.

Further information:
Biodiversity Conservation Unit, Adelaide Region
Phone: (61 8) 8336 0901 Fax: (61 8) 8336 0999
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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

Government of South Australia
Regional Distribution

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

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).


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