

## SPECIES MANAGEMENT PROFILE

*Hyridella narracanensis* The Narracan River Corrugated Mussel

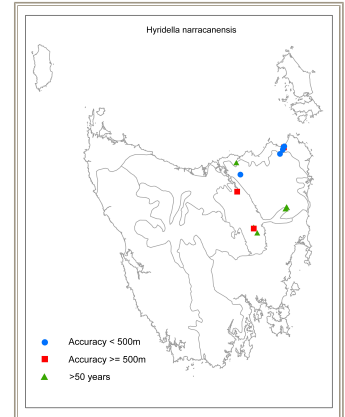
**Group:** Mollusca (shellfish), Bivalvia (Bivalves), Unionida, Hyriidae

**Status:** *Threatened Species Protection Act 1995:* **endangered**  
*Environment Protection and Biodiversity Conservation Act 1999:* Not listed

**Endemic:** Endemic in Australia

**Status:**

*Hyridella narracanensis* is a freshwater bivalve (< 60 mm) occurring across south-eastern Australia, including north-eastern Tasmania. In Tasmania, the species has a narrow range, with surveys in 2024 confirming records at just two locations in the northeast: the Boobyalla - Little Boobyalla Rivers, and in a tributary of the Piper River. Historical records (pre-2015) indicate a wider distribution throughout the Tamar River Catchment; however, no observations from these sites were recorded during more recent surveys. The species also occurs in low abundance in isolated populations in Victoria and southeast South Australia. The principal threats to *Hyridella narracanensis* are habitat loss, fragmentation and habitat degradation from agricultural land usage, channel modification, and legacy impacts from mining activities. Management objectives for *Hyridella narracanensis* involve habitat protection and rehabilitation around the known populations.



## Key Points

- **Important:** Is this species in your area? Do you need a permit? Ensure you've covered all the issues by checking the Planning Ahead page.
- **Important:** Different threatened species may have different requirements. For any activity you are considering, read the Activity Advice pages for background information and important advice about managing around the needs of multiple threatened species.

## Habitat

- 'Habitat' refers to both known habitat for the species (i.e. in or near habitat where the species has been recorded), and potential habitat (i.e. areas of habitat with appropriate characteristics for the species and within the species potential range which have not yet been adequately surveyed).
- If in doubt about whether a site represents potential habitat for this species, contact the Threatened Species Section for further advice.
- *Hyridella narracanensis* inhabits actively flowing, perennial freshwater rivers and streams. The species thrives in areas with low levels of suspended sediment and where refuges are provided by woody debris and riparian vegetation.
- In Tasmania, the current distribution of *Hyridella narracanensis* is restricted to the Piper & Ringarooma River Catchments in the northeast of the state.
- Recent surveys of all known populations found evidence of the species only in the middle to lower reaches of the Boobyalla and Little Boobyalla Rivers, and in a tributary of the Piper River.
- Historical (pre-2015) area of occupancy extended southwest into the Tamar River Basin, but the species was not detected in this region in recent surveys (2024) of historical localities.

## What to avoid

- Modification of stream beds from agricultural activities, including channelisation, water extraction and instream damming on agricultural land.
- Livestock access to streams.
- Activities that degrade riverbank integrity, enhance erosion and fine sediment input to streams.

## Surveying

Key	Survey reliability more info
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To ensure you follow the law - check whether your survey requires a permit. Always report any new records to the Natural Values Atlas, or send the information direct to

