

Zeb Tonkin

BSc (1st Class Honours)

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Summary

Macquarie Perch *Macquaria australasica* have undergone major declines in distribution and abundance, to the extent that it is now listed as nationally endangered under the *Environmental Protection and Biodiversity Conservation Act 1999* (Cwlth). To ensure the ongoing viability of the species, targeted management actions are needed, in particular the protection and enhancement of key home and spawning habitats. However, at present, there is scant information available to guide threatened species and waterway managers in their prioritisation of key critical habitats and conditions to ensure the longevity of this species. This project aims to fill some of these key knowledge gaps by identifying and investigating key components of population dynamics.

Research Expertise

- Fish ecology
- Recruitment dynamics
- Environmental flows
- Habitat assessment and restoration
- Threatened species