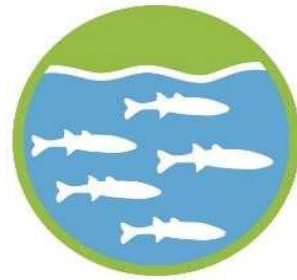


Arthur Rylah Institute for Environmental Research

Applied Aquatic Ecology



Field Survey - Update Yea River Fish Assessments

Location	Yea River
Dates	1 st to 5 th April 2019
Data collected and methods	Fyke netting was undertaken at twelve sites between the Yea/Goulburn River junction and Devlin Bridge Glenburn. This included three long-term monitoring sites. Backpack electrofishing was also undertaken at one site. Water quality was recorded.
Survey notes, dominant species and highlights	<p>Continuous flows maintaining throughout survey reach. Dissolved oxygen ranged between 5.96mg/L and 9.11mg/L. Water temperatures ranged between 13.5 and 16°C.</p> <p>Macquarie perch were not captured at any sites downstream of the Yea Wetlands but were present in the three long-term monitoring sites between Nashs Rd and Devlin Bridge. All individuals were generally in good condition but some did have visible parasites (Lernaea (anchor worm)) which is relatively common during this time of year.</p> <p>Southern pygmy perch (n=3) were captured from one site within the middle reach off Limestone Rd. Other native fish species captured during the surveys included golden perch (n=3), Murray cod (n=1) and galaxids (n=3). Small numbers of the common yabby (n=1), freshwater crayfish (n=2) and the common long-necked turtle (n=5) were also captured.</p> <p>Three healthy platypus (n=3) were captured from three sites between the Yea Wetlands and Providence Bridge and were all safely released back to the river.</p> <p>A number of introduced species were also captured including: carp (n=7), redfin (n=19), brown trout (n=4) roach (n=1) and mosquitofish (n=1),</p>
Survey team	Joanne Sharley, Peter Fairbrother, Graeme Hackett and Scott Raymond



Adult Macquarie perch



Sub-adult Macquarie perch



Southern pygmy perch



Golden perch



Extensive instream woody debris providing habitat for fish in the Yea River

Disclaimer – Please note these are field observations from a recent survey. This information will undergo quality assurance and analysis. Please contact Joanne Sharley for further details (joanne.sharley@delwp.vic.gov.au, Ph: 0408 565 613)
NB: Red text indicates threatened species



Environment,
Land, Water
and Planning

