## **Supplementary material**

## Population genetic structure of estuary perch (*Percalates colonorum* Gunther) in south-eastern Australia

Daniel J. Stoessel<sup>A,G</sup>, Anthony R. van Rooyen<sup>B</sup>, Luciano B. Beheregaray<sup>C</sup>, Scott M. C. Raymond<sup>A</sup>, Bryan van Wyk<sup>D</sup>, James Haddy<sup>E</sup>, Jason Lieschke<sup>A</sup> and Andrew R. Weeks<sup>B,F</sup>

<sup>A</sup>Arthur Rylah Institute for Environmental Research, Department of Environment, Land, Water and Planning, 123 Brown Street, Heidelberg, Vic. 3084, Australia.

<sup>B</sup>cesar Pty Ltd, 293 Royal Parade, Parkville, Vic. 3052, Australia.

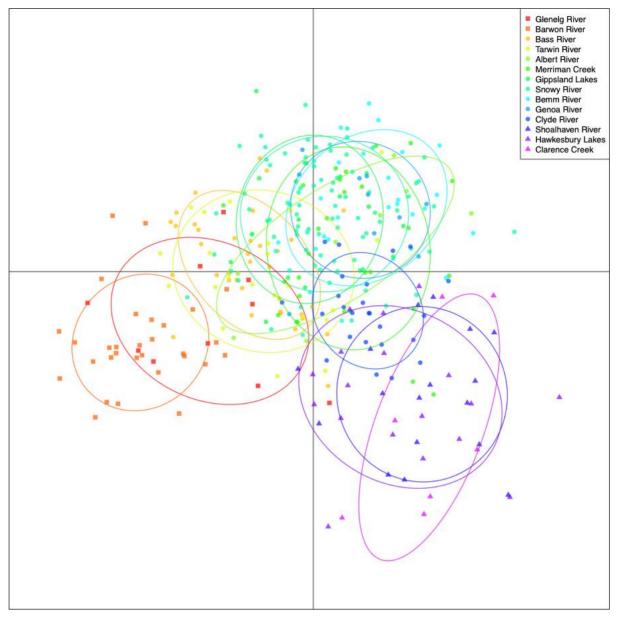
<sup>c</sup>Molecular Ecology Laboratory, College of Science and Engineering, Flinders University, Adelaide, SA 5042, Australia.

<sup>D</sup>Austral Fisheries, 4/53 Dutton Street, Portsmith, Qld 4870, Australia.

<sup>E</sup>Fisheries and Aquaculture Centre, Institute for Marine and Antarctic Studies, University of Tasmania, Launceston, Tas. 7250, Australia.

FSchool of BioSciences, Bio21 Institute, The University of Melbourne, 30 Flemington Road, Parkville, Vic. 3052, Australia.

<sup>G</sup>Corresponding author. Email: daniel.j.stoessel@delwp.vic.gov.au



**Fig. S1.** Scatter plot of the discriminant analysis of principal components (DAPC) of estuary perch across 21 microsatellite loci. The first two principle components of the DAPC, which explain the majority of the variation, are shown. Clusters are indicated by different symbols (K = 3), while different shades and inertia ellipses represent the sampled estuaries, and dots represent individuals. The Arthur River population has been removed from this analysis.