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## PhD exit seminar: Unravelling the mystery of freshwater fish early life history

Thursday 16 January 2014 1 pm

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Gould seminar room (Rm 235) Gould Building (Bldg. 116), Linnaeus Way, ANU



Obtaining information on the early life history phases of fishes is problematic due in part to their small body size and fragility, precluding most traditional marking techniques. Fortuitously, however, the earstones (otoliths) of larvae and juvenile fishes contain a wealth of biological and spatial information. This information can be used to reconstruct the early life history ecology of fishes, although to date there has been minimal development in this area for freshwater fishes. The overarching objective of my PhD dissertation has been to develop techniques to facilitate studies on early life history phase fishes. In this seminar I will present detailed case studies used to develop and refine techniques for two tropical species with quite different reproductive strategies. I use this and a thorough analysis of the relevant literature to identify promising areas for novel knowledge gain of tropical freshwater fish evolution and ecology.

Presented by

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