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Evolution of coral reef fishes: origination, biogeography and the role of biodiversity hotspots

Thursday 18 April 2013, 1pm

Dr Peter Cowman, EEG, Research School of Biology.

Gould Seminar Room (Room 235), Gould Building (Bldg. 116), Linnaeus Way, ANU



Peter's work includes the phylogenetic reconstruction of diverse reef fish families, and the use of phylogeny in uncovering patterns of origination, trophic evolution and ancestral biogeography of reef fish lineages. His work has highlighted the importance of coral reef association in the diversification of fish lineages and its potential as a refuge from extinction. By examining the ancestral biogeography and the origins of fish diversity in the Indo-Pacific he has brought clarity to long debated theories concerning the origin and maintenance of reef fish diversity through time. In the Centre for Macroevolution and Macroecology, he is examining the link between rates of molecular evolution and life history traits, and the relationship between molecular rates and diversification.

Presented by

Research School of
Biology

ANU College of
Medicine, Biology
& Environment

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This lecture is free and open to the public

EEG Seminar information:
biology.anu.edu.au/News/Events.php

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