

PROGRAM

Wednesday 6th December

9.00-9.40 am	<i>Welcome</i> <i>Introduction by Dr Mark Norman</i>
9.40-9.50	Assoc. Prof. Andy Davis. <i>Introduction to Human Interactions with Molluscs Symposium.</i> Sponsored by Institute for Conservation Biology, University of Wollongong.
9.50-10.20	<i>Keynote papers</i> Dr Kirsten Benkendorff (Flinders University, Adelaide). Molluscan medicines: value-adding bioactive chemical resources from marine molluscs through research.
10.20-10.50	Assoc. Prof. David Blair (James Cook University, Townsville) Molluscs and their trematodes - impacts on human diseases in a changing world.
10.50-11.30	Tea/coffee
11.30-11.40	Dr Wayne O'Connor. <i>Introduction to Fisheries and Aquaculture Symposium.</i> Sponsored by Australian Bight Abalone.
11.40-12.10	<i>Keynote papers</i> Dr Natalie Moltschaniwskyj (University of Tasmania). Australian cephalopod fisheries and aquaculture.
12.10-12.40	Assoc. Prof. Rob Day (University of Melbourne). Australian abalone: the ecology of two well-researched species.
12.40-2.00	Lunch (provided)
	AFTERNOON PARALLEL SESSIONS
SESSION 1	
	<i>Fisheries and Aquaculture – papers</i> Chair: Fred Wells
2.00-2.20	Dr Wayne A. O'Connor (Fisheries, NSW Dept of Primary Industries) Akoya pearl culture in NSW: 10 years later.
2.20-2.40	Mr Ken Graham (Fisheries, NSW Dept of Primary Industries) Distribution and relative abundance of cephalopods caught by demersal trawling off NSW.
2.40-3.00	Dr Mike Steer (South Australian Research and Development Institute) Can we use 'by-catch' data to forecast recruitment strength in South Australia's southern calamary (<i>Sepioteuthis australis</i>) fishery?

3.00-3.20	Faruq Ahmed , Yasuyuki Koike, Carlos Augusto Strüssmann, Izumi Yamasaki, Masashi Yokota and Seiichi Watanabe (Tokyo University of Marine Science and Technology) Genetic characterization and gonad development of artificially produced interspecific hybrids of the abalones, <i>H. discus discus</i> , <i>H. gigantea</i> and <i>H. madaka</i> .
3.20-3.40	Tea/coffee
	<i>Ecology/Human Interactions – papers</i> Chair: Tony Underwood
3.40-4.00	Dr Rachel Przeslawski, Assoc. Prof. Andy Davis and Dr Kirsten Benkendorff (University of Wollongong) Sea, Sun and Stress: molluscan development in the face of climate change.
4.00-4.20	Dr Angus Jackson (Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney) Habitat structure and ecological interactions in an urbanised habitat: an example of whelks and engineering by oysters on artificial seawalls.
4.20-4.40	Hugh Jones (University of Sydney) Survey designs for detecting and quantifying the distribution of freshwater mussels.
SESSION 2	
	<i>Evolution and Systematics – papers</i> Chair: David Lindberg
2.00-2.20	Ms Amy Palmer (Centre for Research on Ecological Impacts of Coastal Cities, The University of Sydney, NSW) Genetic structure in chiton species with different mode of development.
2.20-2.40	Simon Hills , Steve Trewick and Mary Morgan-Richards (Massey University, NZ) Rates and modes of evolution in New Zealand gastropods
2.40-3.00	Dr Gary M. Barker (Landcare Research, Hamilton, NZ) Progress towards a monographic revision of the Athoracophoridae (Pulmonata: Succineoidea)
3.00-3.20	Dr Lesley R. Brooker , Mr Luke Gardner, Dr David J. Macey and Dr Abigail Elizur (University of the Sunshine Coast, Qld) Genes associated with biomineralisation processes in the radular teeth of chitons
3.20-3.50	Tea/coffee
	<i>Evolution and Systematics – papers</i> Chair: Bernard Degnan
3.50-4.10	Dr Chirasak Sucharit, Dr Takahiro Asami and Dr Somsak Panha (Shinshu University, Matsumoto, Japan) Evolution of enantiomorphy in the tree snail genus <i>Amphidromus</i>
4.10-4.30	Mr Patrick W. Laffy , Dr Kirsten Benkendorff and Dr Catherine A. Abbott (Flinders University, SA) Gene expression within the hypobranchial gland of <i>Dicathais orbita</i> .
4.40-6.30 pm	Poster session and drinks

Thursday 7^h December

9.00-9.05 am	Housekeeping
9.05-9.15	Dr Angus Jackson. <i>Introduction to Ecology Symposium</i>
9.15 -9.45	<i>Keynote papers</i> Prof. A.J. Underwood (Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney) Impacts of human development on intertidal molluscs.
9.45-10.15	Prof. Christopher McQuaid (Rhodes University, South Africa) Pattern and process in the interactions between invasive and indigenous mussels: from small to large scales.
10.15-10.45	Dr George D. Jackson (University of Tasmania) Running in high gear – pelagic squids, life in the fast lane
10.45-11.10	Tea/coffee
11.10-11.20	Dr Don Colgan <i>Introduction to Evolution and Systematics symposium</i>
11.20-11.50	<i>Keynote papers</i> Prof. Bernard M. Degnan (University of Queensland) Building and patterning a sea shell with conserved and novel genes.
11.50-12.20	Dr Louise R. Page (University of Victoria, Canada) Larval evolution among gastropod molluscs: Causes and consequences of differences in growth Potential.
12.20-12.50	Michael S. Johnson (University of Western Australia) Genetic subdivision, local adaptation and speciation in intertidal snails
12.50-2.00	Lunch (provided)
	AFTERNOON PARALLEL SESSIONS
SESSION 1	
	<i>Ecology and Fisheries - papers</i> Chair: Steven Smith
2.00-2.20	Ms. Becky L. Williams , Dr. Christine L. Huffard, and Dr. Roy L. Caldwell (University of California, Berkeley, CA, USA) Chemical defense in hatchlings of the Blue-ringed Octopus, <i>Hapalochlaena lunulata</i>
2.20-2.40	Mr Coby Mathews (University of Adelaide) Biology and ecology of the Goolwa cockle (<i>Donax deltoides</i>) in the Coorong region, South Australia
2.40-3.00	Tim Lucas , Michael McBeth, Wayne Knibb, Sandie Degnan and Bernard Degnan (University of Queensland) Molecular characteristics and heritability of growth in the tropical abalone <i>Haliotis asinina</i> .
3.00-3.20	Tanes Poomtong and Nopadon Puwapanish (Prachuap khiri khan Coastal Fisheries Research and Development Center, Thailand) Tropical abalone (<i>Haliotis asinina</i> Linnaeus, 1758) hatchery in Thailand.

3.20-3.50	Tea/coffee
	<i>Fisheries and Aquaculture – papers</i> Chair: Antony Hart
3.50-4.10	David Raftos , Britt Bezemer, John Nell, Robert Adlard, Katie Newton and Daniel Butt (Macquarie University) Phenoloxidase and QX disease resistance in Sydney rock oysters.
4.10-4.30	Daniel Butt and David Raftos (Macquarie University) The relationship between immune competency and QX Disease in the Sydney rock oyster (<i>Saccostrea glomerata</i>)
4.30-4.50	Margaret Simonian (Macquarie University) Identification of QX-disease resistance markers in Sydney rock oyster (<i>Saccostrea glomerata</i>)
4.50-5.10	Dr Michael Dove , Dr W. O'Connor, Mr B. Finn, Mr S. O'Connor, Ms L. Foulkes (Fisheries, NSW DPI) Hatchery production of Sydney rock oysters, <i>Saccostrea glomerata</i>
SESSION 2	
2.00-3.50	Marine bioregionalisation workshop – sponsored by The Department of Environment and Heritage Facilitator: Dr Mandy Reid
3.20-3.50	Tea/coffee
3.50-5.10	<i>Marine bioregionalisation workshop - continued</i>
5.30-6.00 pm	Malacological Society of Australasia AGM
6.30-11.00 pm	Conference dinner

Friday 8^h December

9.00-9.10 am	Housekeeping
9.10-9.40	<i>Fisheries and Evolution</i> Chair: Dr Mike Heasman <i>Keynote papers</i> Dr Fred E. Wells (Western Australian Fisheries and Marine Research Laboratories) Molluscan fisheries and aquaculture in Western Australia.
9.40-10.10	Miss Jintana Nugranad (Prachuap Khiri Khan Coastal Fisheries Research and Development Center, Thailand) Molluscan aquaculture and fisheries in Thailand.
10.10-10.40	Prof. David R. Lindberg (University of California, Berkeley, CA, USA) Molecular phylogeny and evolutionary history of the Haliotidae.
10.40-11.20	Tea/coffee

11.20–11.50	<i>Human Interactions with Molluscs</i> Chair: Gary Barker <i>Keynote papers</i> Cameron Slatyer (ABRS, Dept of Environment and Heritage, Canberra) Using molluscs in heritage assessment
11.50-12.20	Dr Bob Creese (NSW Department of Primary Industries) Conservation of aquatic invertebrate biodiversity in NSW.
12.20-12.40	<i>Paper</i> Mr Roy Teale , Ms Z. Hamilton, Prof. M. Johnson and Dr. P. Kendrick (Biota Environmental Sciences, WA) Opportunities lost or found. How has the WA resource boom affected land snail conservation efforts? Insights from the Pilbara Bioregion of WA.
12.40-1.00	Julia Bolton (Department of the Environment and Heritage) Conservation of Threatened Species and Ecological Communities under the <i>Environment Protection and Biodiversity Conservation Act 1999</i>
12.40-2.00	Lunch (provided)
	AFTERNOON PARALLEL SESSIONS
SESSION 1	
	<i>Ecology – papers</i> Chair: Rod Simpson
2.00-2.20	Stephen D. A. Smith and Matthew Harrison (University of New England & National Marine Science Centre, Coffs Harbour) Spatial variation in the structure of mollusc assemblages on shallow, nearshore reefs in subtropical eastern Australia
2.20-2.40	Ms Amy Smoothey (Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney) ‘Intersystem’ associations with habitat for marine gastropods
2.40-3.00	Matthew Harrison , Stephen D. A. Smith and Rodney D. Simpson (University of New England & National Marine Science Centre, Coffs Harbour) Subtidal rocky-reef mollusc assemblages: patterns along a cross-shelf gradient in the Solitary Islands Marine Park, mid-north coast, NSW.
3.00-3.20	Tobias Probst and Christine Crawford (University of Tasmania) The invasive success of the introduced marine gastropod <i>Maoricolpus roseus</i> in Australia
3.20-3.50	Tea/coffee
	<i>Fisheries and Aquaculture – papers</i> Chair: Michael Dove
3.50-4.10	Dr Michael Heasman (MP & HM Heasman, Aquaculture Consultants) Enhancement of the NSW blacklip abalone, <i>Haliotis rubra</i> , fishery.
4.10-4.30	Dr Anthony Hart (Western Australian Fisheries and Marine Research Laboratories) Predictive indices for scallop, pearl oyster, and abalone fisheries of Western Australia.
4.30-4.50	Stephen Mayfield, Rick McGarvey, Ian Carlson and Cameron Dixon (SARDI Aquatic Sciences, SA) Assessing the distribution,

	abundance and harvestable biomass of an abalone population over a large area: integrating exploratory fishing with fishery-independent survey.
SESSION 2	
	<i>Evolution and Systematics – papers</i> Chair: Michael Johnson
2.00-2.20	Dr Kirsten M. Donald , Dr Martyn Kennedy and Prof Hamish G. Spencer (University of Otago, Dunedin, NZ) Explaining the biogeography of South Pacific topshells.
2.20-2.40	Mr Aisuo Wang , Dr. Paul Roffey and Dr. Christopher Blanchard (Charles Sturt University, Wagga Wagga, NSW) Comparison of mitochondrial gene order between <i>Clypidina rugosa</i> (Fissurellidae, Vetigastropoda, Gastropoda) and <i>Haliotis rubra</i> (Haliotidae, Vetigastropoda, Gastropoda).
2.40-3.00	Rosemary E. Golding (University of Sydney) Proboscis morphology in Caenogastropoda.
3.00-3.20	Dr Mark Norman (Museum Victoria, Melbourne) Insights into diversity, origins, behaviour and biology of Indo-Pacific cephalopods.
3.20-3.50	Tea/coffee
	<i>Evolution and Systematics</i> Chair: Leslie Brooker
3.50-4.10	Daniel L. Graf and Kevin S. Cummings (Academy of Natural Sciences, Philadelphia, USA) Thinking Globally, but acting locally: the MUSSELpdb and the Australasian freshwater mussels (Bivalvia: Unionoida)
4.10-4.30	Ms Zoë Hamilton , Prof. M. Johnson, Dr. P. Kendrick and Mr Roy Teale (Biota Environmental Sciences, WA) Do drainage patterns explain phylogeography of Pilbara <i>Bothriembryon</i> ?
4.30-4.50	Dr Winston Ponder (Australian Museum, Sydney) Australian freshwater molluscs - an overview
	Closing session
4.50-5.15	Dr Mark Norman <i>Student prizes and closing remarks</i>