

University of Western Australia

Perth, WA 2024

Day 1 Wednesday 4th December			Day 2 Thursday 5th December		Day 3 Friday 6th December		
Time Room 1	Room 2	Time			Time	Room 1	Room 2
	erratt and Vice-President Renée Firman	9:00	Housekeeping		9:00		1.002
	Plenary	9:15			9:15		
	Ryding	9:30			9:30	Annual General	Meeting (AGM)
	n body and appendage size of diverse Australian birds	9:30					
5.40		9:45			9:45		
Thermal tolerance/climate change. Chair: Bob Wong	Genomics/population genetics. Chair: Marcus Michelangeli	_	Consider	tion. Chair: John Whale	_	Plasticity. Chair: Jon Evans	Genomics. Chair: Rich Edwards
10:00 Christen Mirth - Stressful interactions: how does genetic variation shape plastic responses to combined thermal and nutritional stress?	Rhiannon Schembri - Gene expression divergence in Poephila finches	10:00		luplicated mitogenomes of Australasian stingless bees (Apidae:	10:00 F	Frin Macartney - Macronutrient balance on brown adipose tissue function in athers and non-genetic inheritance in offspring	Jennifer Evans - Genomic evidence for inbreeding depression in an endangered Australian bird
10:15 Md Tangigul Haque - Seasonal plasticity of thermal tolerance indicates resilience to future climate in Australian damselflies	Lucy Ockert - Preliminary Insights into the Population Structure and Connectivity of Little Penguins in Australia	10:15	native Aus	Strallari Wildilowei		Aidan Stuckey - Sex, Genetics, and Plasticity in Allometry	Patra Petrohilos - When Cells Rebel: a comparative genomics investigation into marsupial cancer susceptibility
10:30 resilience to future climate in Australian damsettlies Greg Walter - Small-scale geographic variation maintains adaptive genetic variation in thermal tolerance	Kate Cooper - How does hybridisation affect the phenotypic variability of parthenogens?	10:30	Reconstruction? A Systematic Review and Assessment evolution in	ymbery - Adaptation to climate change via range shifts and genetic in a global biodiversity hotspot		Marta Favero - Phenanthrene pollution disrupts behavioural individuality and lasticity in the brine shrimp Artemia franciscana	Ben Phillips - Genetic Allee effects for containment of invasive species
10:45 11:00 Morning tea		10:45 11:00	Morning tea		10:45 11:00 Morning tea		
Macroevolution. Chair: Kenny Travouillon	Behaviour/development. Chair: Alistair Senior	11.00		al evolution/resistance, Chair: Mike McDonald		Morphological evolution. Chair: Damien Esquerre	Genomics, Chair: Renee Catullo
Mail Dalahan Investigation lineage and concern disconlination in two	Emily Belcher - Temperature and the progression of developmental	44.45					Manuel Poretti - Beyond centromeres: the role of pericentromeric
11:15 medically important snake clades	milestones in embryogenesis Anne Aulsebrook - Sleepless on the tundra: costs and benefits of extreme		cichlids - Storme de	her Blake - Ecosystem in a bottle: Experimental evolution of a	11:15 _h	epatic family Lepidoziaceae shown by Meinungeria	transposable elements in chromosome evolution Alexandros Georgios Sotiropoulos - Lichen metagenomes reveal
11:30 Damien Esquerré - Museum Venomics Opens a Window to Understanding Snake Evolution 14.4.6 Simone Blomberg - The Botanist, The Spin-Doctor, The Wiener Sausage	activity in a polygynous shorebird Katherine H. McLean - Death and Dying in Genus Pan: A Comparative	11:30	choosiness in Drosophila melanogaster multi-troph	Maria - Francisco - Artista - Artist	$\overline{}$	eremy Wilson - Correlation with a limited set of behavioral niches explains ne convergence of somatic morphology in mygalomorph spiders	highly complex micro-environments Liang Liu - Transcriptomic and Epigenomic Changes Driving Freshwater
11:45 Simone Blomberg - The Botanist, The Spin-Doctor, The Wiener Sausage and the Museum of All Possible Shells Matthew Symonds - Differences between appendages in the regulation of	Evolutionary Perspective	11:45	changes in male and lemale quality?			Putter Tiatragul - Vertebra number evolution in Australian blindsnakes	Adaptation in Sticklebacks
12:00 heat loss: implications for body shape evolution in response to climate change	Edward Galluccio - The relationship between cognitive performance and anti-predator behaviour in the Western Australian magpie		on plant ro	0018		olouration in the ornate dragon, Ctenophorus ornatus	Richard Edwards - Depth-based correction of gene duplications and losses in genome assemblies
12:15	Michael Kasumovic - What affects generosity in a multiplayer iterated prisoner's dilemma?		effects of host sex ratio on disease dynamics Plant Root	Irley - Experimental Evolution of Nitrogen-fixing Bacteria on the bt	12:15	luttakorn Taewcharoen - Intraspecific variation pattern of vertebrae in aporids with gradient of locomotive ability	Kelton Cheung - Does standing genetic variation contribute to local adaptation of cane toads in Australia?
12:30		12:30		1	12:30	Diana Fisher - The evolution of marsupial pouch opening direction	Jamie Botting - TBC
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Sexual coloction Chair: Samuel Lymbery	Life history/quantitative genetics. Chair: Mandy Ridley		Speciation/conservation Chair: Butter Tistragul Behavio	our/sociality. Chair: Jen Kelley	10.10	Lui	icii
12.20 Daisuke Kyogoku - Experimental evolution of sexual selection on	Robert Dugand - Using inbreeding to test the contribution of non-additive	12:20	Monique Van Dorssen - A lonely worm genome in a rapidly changing Eleanor M	Moore - Impacts of a widespread pharmaceutical pollutant on	12:20		
13:30 Daisuke Kyogoku - Experimental evolution of sexual selection on Callosobruchus chinensis 13:45 Diego Solano Brenes - Does weapon size matter in bulb mites during	genetic effects to additive genetic variance Christopher Barker - It's not the size that matters, it's how you use it:		environment cognition is	Moore - Impacts of a widespread pharmaceutical pollutant on in fish	13:30		
13:45 Diego Solano Brenes - Does weapon size matter in bulb mites during intrasexual competition? 14:00 Jackson Rendall - Genomic evidence of polygamy and paternity skew in the	genetic effects to additive genetic variance Christopher Barker - It's not the size that matters, it's how you use it: Questioning the link between body mass and longevity Alistair Senior - Diet mixing and life-history traits: an integrated	13:45	Linette Umbrello - Evolution of the world's smallest marsupials (Dasyuridae: Planigale)	Moore - Impacts of a widespread pharmaceutical pollutant on 1 in fish 1 1, ymbery - Ants and the science of war 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13:45	Senior	Plenary
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