	Day 1 (Wed 13 Dec)		Day 2 (Thur 14 Dec)		Day 3 (Fri 15 Dec)			
	Darling W G14 Lecture Theatre	Scott Theatre	Darling West G14 Lecture	Scott Theatre	Kerr Grant Lecture Theatre	Darling W G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre
Time	(Room 1)	(Room 2)	Theatre (Room 1)	(Room 2)	(Room 3)	(Room 1)	(Room 2)	(Room 3)
9:00				ECR Plenary			ECR Plenary	
9:15				Claudia Crowther			Samuel Lymbery	
9:30				narrow: Non-linear plasticity			Warfare in ants and video games	
			Reproduction (Chair: Alistair Senior)	Morphological Evolution 1	Evolution of resistance (Chair: Ros Gloag)	Morphological Evolution 2 (Chair: Masato Yamamichi)	Evolution and Conservation 2	Development
9:45			Soleille Miller	(Chair: Amy Slender) Nuttakorn (Win) Taewcharoen	Thomas Schmidt	Yuxuan (George) Zhao	(Chair: Ros Gloag) Maxim Adams	(Chair: Jon Evans) Ondi Crino
			Intergenerational Loss of Genetic	No holding back: vertebral column	Global, asynchronous sweeps at	Hourglass-shaped adults and 'Pinocchio-lised'	Evolution, phylogeography and	From eggs to adulthood: unveiling
			Diversity in a Facultative	shape in fast-running prey	multiple resistance genes in Aedes	larvae: Morphological transition of Australian water beetles (Coleoptera: Dytiscidae) from	conservation genetics of the Lord Howe	the sustained impacts of
			Parthenogenetic Stick Insect Species	converges on their speedy predators	mosquitoes	aboveground to underground	Island cockroach Panesthia lata	developmental conditions on skink physiology and size
								physiology and size
10:00			Liang Liu	Ellen Martin	Joshua Thia	Tory Botha	Patra Petrohilos	Huifang Yuan
			Evolutionary Adaptation of	Grasping hold of functional trade-	Attack of the (resistant) clones: the	Shape note: Morphological investigation	Attack of the Clones: no evidence for	Pioneer and immediate early
			Reproduction: The Pleiotropic Role	offs using the diversity of foot forms	rise and spread of insecticide	of Tribrachidium from Nilpena, South	distinct phenotypic subgroups of Devil	transcription factors orchestrate an environmentally-induced life cycle
			of TSHÎ ² 2-Producing Cells in Sticklebacks	in Australian birds	resistance in an invasive aphid pest	Australia	Facial Tumour Disease (DFTD)	transition that is highly conserved across
								the animal kingdom
10:15			Caitlin Creak	Russell Bonduriansky	Alicia Williams	Natasha Lee Hiotis	Julian Beaman	Ivan Vinogradov
			Accidentally murderous spiders: a true crime on where they live and	What can allometry and life history tell us about the evolution of brain	Costs of antibiotic resistance through the lens of resource	Hip, hop, and a fossil drop: Identifying fossil frogs from Naracoorte Caves using	Eco-evolutionary projections to guide genetic rescue for threatened Australian	How inbreeding and developmental stress impact cognition
			how they work.	size?	competition theory	their ilium bone	marsupials	ou coo impact cognition
10:30			Jinglin Wen	Rex Mitchell	lan Gooi	Vera Weisbecker	Bob Wong	Alistair Senior
			Evidence of Maternal-fatal	Sizing up cranial allometry in	The predictability of antibiotic resistance evolution in	The thylacine as an evolutionary	Toxicants in the wilderness: an	Nutrition and life-history in
			Communication in Skink Pregnancy	mammals	Acinetobacter baylyi	curiosity	evolutionary perspective	Drosophila melanogaster
10:45					,			
11:00				Morning tea (Pfitzner Court)			Morning tea (Pfitzner Court)	Ford allow and allow (find
			Quantitative/ population genetics	Invasive species	Microbial Evolution 1	Macroevolution 2	Evolution and temperature	Evolution: not classified elsewhere
			(Chair: Rowan Lymbery)	(Chair: Jon Evans)	(Chair: Masato Yamamichi)	(Chair: Amy Slender)	(Chair: Ondi Crino)	(Chair: Alistair Senior)
11:15			Peta Hill	Felipe Floreste	Elisha Freedman	Patrice Pottier	Amanda Pettersen	Fabian C. Salgado-Roa
			Episodic population fragmentation and gene flow reveal a trade-off	Host-parasite immune dynamics along the invasion range of cane	The distribution of secondary symbionts across scale insects and	Vulnerability of amphibians to global warming	Intergenerational plasticity aligns with temperature-dependent selection on	Drivers of colour polymorphism in a colourful widespread spider
			between heterozygosity and allelic	toads in Australia	its evolutionary and ecological	waitiing	offspring metabolic rates	colourful widespread spidel
			richness		implications			
11.20						- 1 01		
11:30			Iva Popovic High germline mutation rates, but	Lauren Common The Avian Vampire Fly and Darwin's	Atharva Bhilde Investigating the ecological and	Carmen da Silva Local climate change velocity and	Jigmidmaa Boldbaatar Effects of heat shock stress on egg	Christopher Barker Evolution of Ageing is driven
			not extreme population size	Finches	coevolutionary dynamics of a root	evolutionary history explains	hatching success in Megacrania batesii	adaptive gains
			outbreaks, influence genetic		associated microbiome	multidirectional range shifts in North	(Phasmatodea: Phasmatidae)	
			diversity in a keystone coral predator			American butterflies		
11:45			Lachlan King	Kelton Cheung	Chris Blake	Yun Li	Md Mahmud Al Hasan	Daisuke Kyogoku
			The effect of genetic background on	Selection signatures of the invasive $% \label{eq:selection} % \[\mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}} \] $	Experimental Evolution of	Evolution across adaptvie landscape in a	Effects of inbreeding and stressful	Evolution of realized niche breadth
			quantitative mutational variation	cane toad through whole genome analyses	Ecosystem Topography in a Two- Species Community	hyperdiverse beetle radiation	developmental temperatures on guppy fitness	diversity driven by community dynamics
			W. J		· · · ·			·
12:00			Katrina McGuigan Effects of spontaneous mutations on	POSTPONED Ros Gloag	James Richardson Species coexistence via higher order	Diego Garcia-Bellido Australian Ediacaran & Cambrian	Rebecca Raynal Natural oviposition site temperatures of	Masato Yamamichi Prey rapid evolution promotes
			fitness traits of Drosophila serrata	A population genetic timeline of a	consumer-resource interactions	contribution to Evolution	ectotherms - a review	fluctuation-dependent species
			infected with <i>Drosophila</i> C virus	natural insect invasion				coexistence
12:15	Registration desk opens	at Scott Theatre fover	Simone Blomberg	Paul Battlay	Andrew Letten	Doaa Doudin	Diego de Moura Campos	Devi Stuart-Fox
12.13			Phylogenetic Comparative Methods	Chromosomal inversions underlie	Not-so-simple assembly rules	Evolution of subtelomeres in birds and	Synergistic effects of diet restriction and	From bioinspired to bioinformed:
			for the Quantitative Genetic G-	rapid adaptation on multiple	support multispecies coexistence on	reptiles	temperature on guppy development	materials science meets
			Matrix	continents in an invasive weed	a single resource			evolutionary biology
<u> </u>								
12:30 12:45	Lunch and registration	on (Pfitzner Court)		Lunch (Pfitzner Court)			Lunch (Pfitzner Court)	
1 22.73								
L	Day 1 (Wed 13 Dec)		Day 2 (Thur 14 Dec)		Day 3 (Fri 15 Dec)			
	Darling W G14 Lecture Theatre	Scott Theatre	Darling West G14 Lecture	Scott Theatre	Kerr Grant Lecture Theatre	Darling W G14 Lecture Theatre	Scott Theatre	Kerr Grant Lecture Theatre
Time	(Room 1)	(Room 2)	Theatre (Room 1)	(Room 2)	(Room 3)	(Room 1)	(Room 2)	(Room 3)
13:00 13:15			Ganaral masting (Seath Theories)		Lunch (Pfitzner Court)			
13:30			G	General meeting (Scott Theatre)		Tag team talk 2:		
13:45	13:45				Australian Centre for Ancient DNA			

14:00						
14:15	Welcome					
	(Scott Th	neatre)				
14:30						
14:45						
	Plenary					
	Dustin Rubenstein					
15:00	The Evolution of Cooperative Breeding: New Perspectives					
	and Future Directions					
	(Scott Theatre)					
15:15						
15:30						
	Afternoon tea					
15:45	(Pfitzner Court)					
	Macroevolution 1	Evolution and climate change				
	(Chair: Matt Symonds)	(Chair: Julian Beaman)				
16:00	Zhuzhi Zhang	Pieter Arnold				
	The phylogenetic and parallel origin of Australian soil burrowing cockroaches	Selection on phenotypic traits and their plasticity in response to				
	rustianun son sun swing cocii suches	warming of both parental and				
		warming or both parental and				
		offspring environments				
16:15	Sally Potter					
16:15	Cytonuclear discordance and	offspring environments				
16:15	Cytonuclear discordance and introgression in the brachyotis group	offspring environments Matthew Hall				
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16:30	Cytonuclear discordance and introgression in the brachyotis group of rock-wallabies Amy Slender Genomic population structure of a widely distributed Southern Australian lizard (Tiliqua rugosa) Toby Kovacs Historical population sizes and	offspring environments Matthew Hall The sicker sex in a warming world Belinda van Heerwaarden Do endosymbionts influence thermal tolerance? Damien Dowling Experimental support for a				
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Tag team talk 1:

Jon Evans, Jess Hadlow, Rowan Lymbery, and Thina Kunalan

Post-ejaculatory environments, paternal effects and more

Afternoon tea (Pfitzner Court)

Sexual selection 1 (Chair: Bruno Buzatto)	Evolution and Conservation 1 (Chair: Amanda Petterson)	Microbial Evolution 2 (Chair: Matt Symonds)
Fatema Akhter	Grace Marsh	Christopher Brown
Teasing apart the cost of sexual	Genomic vulnerability to climate	rescomp: An R package for resource
harassment and mating in females	change in a Critically Endangered	competition modelling
	possum from southwestern	
	Australia	
Daniela Wilner	Emily Roycroft	Neetika Ahlawat
Can sexual conflict explain	Genetic load in island populations of	Nutrient packaging alters adaptation
geographic parthenogenesis?	Australian mammals	and genetic divergence in E. coli
Nirjana Dewan	Oliver Stuart	Jan Engelstaedter
Long-term fitness consequences of	Genetic rescue of reproductive	The impact of natural
D.melanogaster populations evolved in	fitness in a captive bred insect	transformation on adaptation to
the absence versus presence of male-		heterogeneous environments
male competition		
Pietro Pollo	Aysegul Birand	Michael McDonald
Synthesis of sexual selection: a	Cheating evolution for conservation	Horizontal gene transfer: making
systematic map of meta-analyses		things happen in the the microbial
with bibliometric analysis		world

ECR breakout @Barr Smith South 2032

	F		
	Sexual selection 2 (Chair: Pietro Pollo)	Morphological Evolution 3 (Chair: Vera Weisbecker)	
П	Megan Folwell	Sarin (Putter) Tiatragul	
Н	Co-evolution of genitalia in Northern	Spags and Snags: morphological	
Н	Pacific rattlesnakes (Crotalus oreganus)	evolution of Australian blindsnakes	
Ш	Bruno Buzatto	Tamika Nash-Hahn	
	Mating behaviour in the Sydney funnel- web spider and the evolution of clasping structures in mygalomorph spiders	Sequential scales: New perspectives on snake axial evolution	
i I	Tom Allison	Yasmin Asar	
П	Sexual selection shapes the evolution of	Testing the link between molecular and	
Ш	mitochondrial efficiency	morphological rates of evolution	
П	Martin Whiting	Estefany Karen Lopez Estrada	
П	Evolution of a conspicuous dynamic	Testing the punctuated equilibria model	
ı	visual signal in an introduced chameleon	using morphological and molecular data	
П			

Afternoon tea (Pfitzner Court)

Flash Talks (Scott Theatre)

Jasmine Towle
Aubrey Keirnan
Chenke Zang
Austin Fitzpatrick
Lorenzo Ricolfi
Melissa Hernandez Poveda
Lucy Ockert
Adi Nugroho
Veerabhadra (Raju) Dantuluri
Lynea Witczak Oldfather
Tariq Ezaz
Marcus Michelangeli

Closing and Prizes (Scott Theatre)

Free Time

Conference dinner @Peter Rabbit