

Session A's will be in the Robertson Seminar Room		
Please note that only the name of the presenter is provided here.		
The full list of authors will be available in the Conference Abstract Handbook (PDF will be posted asap)		
TUESDAY		
Start time		
9.00	Greeting from President	
9.15	Plenary 1	
	Hanna Kokko	From individuals to populations...and back
10.15	Tea & Coffee (10:15 to 10:45)	
	S1A: Big Picture patterns	
10.45	Janice Lord	What can the phylogenetic distribution of endosperm type tell us about imprinting in plants?
11.00	Matthew Symonds	The real costs of high heating bills: Allen's rule, thermoregulation and the evolution of bird beaks
11.15	Katherine Byron	Parasitism increases the rate of molecular evolution in flowering plants across all three genomes
11.30	Patrick-Jean Guay	Reproductive costs of large brains in waterfowl
11.45	Conrad J. Hoskin	Refugial isolation promotes speciation in an Australian rainforest frog
12.00	Daniel Falster	Evolution of growth strategy in size-structured plant communities
12.15	Lunch (12:15 to 1:15)	
	S2A: The many forms of selection	
1.15	Megan Higgie	The evolution of reproductive character displacement conflicts with how sexual selection operates within a species
1.30	Hope Klug	Drawing the line between natural and sexual selection is no trivial matter
1.45	Mark Tanaka	Adaptation and the metaphor of fitness landscapes: antibiotic resistance as a case study
2.00	Renee C. Firman	Experimental evolution of sperm quality via postcopulatory sexual selection in house mice.
2.15	Megan Woolfit	Prevalence of positive selection in the endosymbiont Wolbachia
2.30	Break (2:30 to 3:00)	
	S3A: Evolutionary History & Gene Flow	
3.00	Tamara Johnson	The evolution of flightlessness and elaborate antennae in moths
3.15	Matthew Phillips	Molecules, morphology and ecology indicate a recent, amphibious ancestry for echidnas
3.30	Renee Catullo	Molecular Phylogeny and Cryptic Species in the Myobatrachid Frog Genus Uperoleia
3.45	Ryan P Walter	Genetic connectivity among populations of endemic Sailfin silversides from Sulawesi's southern Malili Lakes
4.00	Eleanor O'Brien	Effect of an introduced floral visitor on gene flow and offspring fitness in Grevillea sphacelata
4.15	Tea & Coffee (4:15 to 4:45)	
4.45	Plenary 2	
	Kate Buchanan	Song, sex and sewerage: the evolution of signals of quality
5.45	AGM for all members (5:45 to 6:15)	

	Session B's will be in the Robertson Lecture theatre	
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	TUESDAY	
	Start time	
9.00	Greeting from President	
9.15	Plenary 1	
	Hanna Kokko	From individuals to populations...and back
10.15	Tea & Coffee (10:15 to 10:45)	
	S1B: Sexual selection I	
10.45	Mylene Mariette	Make love, not war: limited potential for sexual conflict in the wild zebra finch
11.00	Stewart Nicol	Cool sex: Extreme competition between males means hibernation & reproduction overlap in Tasmanian echidnas.
11.15	Magdalena Nystrand	Genetic quality in changing environments: disentangling contribution of good genes & genetic compatibility to fitness
11.30	Margo Adler	Effects of sex, condition and social environment on lifespan and body deterioration in <i>Telostylinus angusticollis</i>
11.45	Lyndon A Jordan	The influence of mate availability and competition on male courtship effort in Poeciliid fishes
12.00	Michael J. Young	Sexual selection in the western rainbowfish, <i>Melanotaenia australis</i>
12.15	Lunch (12:15 to 1:15)	
	S2B: Sex-specific genetics	
1.15	Shafagh Nadaf	Marsupial X chromosome inactivation: A leaky X
1.30	Scott Allen	The Genetic Architecture of Sex-specific Fitness
1.45	Alexandra M. Livernois	Dosage compensation: a comparison between platypus and chicken.
2.00	Camille Latimer	Sex-specific genetic divergence in the thermal dependence of locomotor activity in <i>Drosophila serrata</i>
2.15	Denis O'Meally	Molecular aspects of sex chromosome degeneration in snakes
2.30	Break (2:30 to 3:00)	
	S3B: Sexual Selection II	
3.00	Hawa Othman	Investigation of the relationship between condition dependence and sexual dimorphism using a sexually dimorphic fly
3.15	Jo McEvoy	Does size or aggression predict male success?
3.30	Luis Cayetano	Response of bruchid beetle genital components to differential life history and sexual selection regimes
3.45	Stephen Robinson	How does relatedness influence mate choice? Evidence from wild-caught mating pairs of <i>Drosophila melanogaster</i> .
4.00	Michelle Taylor	Interactive effects of sexual selection in <i>Drosophila</i>
4.15	Tea & Coffee (4:15 to 4:45)	
4.45	Plenary 2	
	Kate Buchanan	Song, sex and sewerage: the evolution of signals of quality
5.45	AGM for all members (5:45 to 6:15)	

WEDNESDAY		
Start time		
9.00	Plenary 3	
	Simon Ho	Estimating evolutionary time-scales using DNA: An overview and update
10.00	Tea & Coffee (10:00 to 10:30)	
	S4A: Evolution, Conservation and Biodiversity	
10.30	Diana Fisher	Missing mammals and the accelerating rate of extinction
10.45	David J. Moore	Positive Darwinian selection results in resistance to cardioactive toxins in true toads (Anura: Bufonidae)
11.00	Janet Gardner	Shifting latitudinal clines in avian body size correlate with global warming in Australian passerines.
11.15	Ellen van Wilgenburg	The Global Expansion of a Single Ant Supercolony
11.30	Ceiwen Pease	Adaptive potential of a herbivorous marine invertebrate to metal contamination
11.45	Arnaud Pocheville	Niche construction within gene therapy: how common goods can help to invade
12.00	Lunch (12:00 to 1:15)	
	S5A: Biogeography	
1.15	Richard Carter	Biomes, Biogeography, and Brachychiton
1.30	Mitzy Pepper	Old lizards and young deserts: Complex patterns of diversification in the Australian arid zone.
1.45	Paul Ferraro	PresTitle: Pleistocene climate cycles and marsupial speciation: vicariance and dispersal in two petaurids (Petaurus).
2.00	Rebecca Cumming	Phylogeography of a subantarctic brooding gastropod – evidence for long-distance rafting
2.15	Bee Gunn	Phylogeography and domestication of the coconut (Cocos nucifera L.)
2.30	Break (2:30 to 3:00)	
	S6A: Genes and evolution I	
3.00	Rebecca Bray	Mammal-like evolution and diversity of immune genes (MHC class II β) in a community of Australian songbirds
3.15	Janine Deakin	Does an endogenous retroviral element play a role in marsupial genome evolution?
3.30	Richard Z Aandahl	Inference on a stochastic model of Mycobacterium tuberculosis evolution at microsatellite loci
3.45	Jessica Stapley	The first genome wide analysis of linkage disequilibrium in a bird species: macro and microchromosomes.
4.00	Amir Mohammadi	Evolution of olfactory receptor genes in marsupials
4.15	Tea & Coffee (4:15 to 4:45)	
	S7A: Colour & Vision & Smell	
4.45	Wiebke Ebeling	The curious incident of the dunnart in the evolution of colour vision
5.00	John Morrongiello	Nuptial colouration and the contextual environment in a native fish
5.15	Kate D L Umbers	The function of colour change in the chameleon grasshopper (Kosciuscola tristis)
5.30	Sam Reid	Evolving for life in the dark: vision and navigation in the crepuscular bull dog ant Myrmecia pyriformis
5.45	Ajay Narendra	Caste and sex specific eye structures correlates to timing of nuptial flight and foraging schedules in primitive ants
6.00	Terence O'Dwyer	The major histocompatibility complex and scent-mediated mate choice in a bird
7:00	CONFERENCE DINNER @ National Botanical Gardens	

WEDNESDAY		
Start time		
9.00	Plenary 3	
	Simon Ho	Estimating evolutionary time-scales using DNA: An overview and update
10.00	Tea & Coffee (10:00 to 10:30)	
	S4B: Sexual Selection III	
10.30	Anastasia Dalziell	Making a song and dance about it: complex display in the superb lyrebird.
10.45	Michael Whitehead	Novel methods provide insights into the mating system of sexually deceptive orchids.
11.00	Janine M. Wojcieszek	Can post-copulatory sexual selection on male genitalia contribute to population change and ultimately speciation?
11.15	Emile van Lieshout	PresTitle: Longer exaggerated male genitalia increase relative fertilisation success in the earwig <i>Euborellia brunneri</i>
11.30	Topi Lehtonen	Context-dependent mate choice in a marine fish
11.45	Donna Petfield	Genetics of a Social Interaction: Interacting Phenotypes and Sexually-Selected Male Traits in <i>Drosophila serrata</i>
12.00	Lunch (12:00 to 1:15)	
	S5B: Selection in the wild	
1.15	Carla M. Sgrò	The effect of temperature on the genetic architecture of body size and thermal tolerance clines in two <i>Drosophila</i>
1.30	Martijn van de Pol	Fluctuating selection and the maintenance of individual and sex-specific diet specialization in free-living oystercatchers
1.45	Nicola J. Barson	Rapid evolution mediated by plasticity but with strong constraints: contemporary adaptation to thermal shifts in a fish
2.00	David Semmens	The role of uncertain environments and evolutionary constraints in the evolution of within-clutch variation in egg size
2.15	Belinda van Heerwaarden	Testing evolutionary hypotheses about species borders: genetic variation in <i>Drosophila</i> and a habitat generalist
2.30	Break (2:30 to 3:00)	
	S6B: Sexual selection & Phenotypic Plasticity	
3.00	Katherine L. Barry	Influence of sexual cannibalism and intraspecific competition on male traits in an Australian praying mantid
3.15	Daniel P. Decanini	A matter of quality: Sperm viability in slaters, <i>Porcellio scaber</i> .
3.30	Michael Kasumovic	Developmental plasticity in response to acoustic signals of quality and density in the black field cricket
3.45	Keyne Monro	Genetically-variable responses to interspecific competition in a colonial marine invertebrate
4.00	Geoff While	Selection dynamics of maternal thermal effects across climatic extremes in a viviparous lizard
4.15	Tea & Coffee (4:15 to 4:45)	
	S7B: Sex Ratios or No Sex	
4.45	Sarah Pryke	Genetic incompatibility drives sex allocation and maternal investment in sympatric finch morphs
5.00	Lisa E. Schwanz	Sex allocation based on relative and absolute condition
5.15	Rebecca Featherston	Evidence for trait evolution via maternal/paternal genome conflict over progeny sex ratio.
5.30	Robert Heinsohn	Extreme bias in sex allocation in wild <i>Eclectus</i> parrots
5.45	Mark J. Blagden	The evolution of parthenogenesis in Siphonophora stick insects from the Australian desert – White's last puzzle solved
6.00	Jessica Ridenour	Parthenogenesis versus sex: exploring the effects of hybridization and polyploidy in a parthenogenetic gecko
7:00	CONFERENCE DINNER @ National Botanical Gardens	

THURSDAY		
Start time		
	S8A: Predators	
9.00	Tonya Haff	Vulnerable but not helpless: nestlings are fine-tuned to cues of approaching danger
9.15	Tobias Merkle	When is it safe to ignore predators? Habituation in fiddler crabs
9.30	Pamela Fallow	Eavesdropping on other species: interspecific understanding of urgency information in avian alarm calls
9.45	David Guez	Giving the Aussies a go – exploiting evolution to enhance survival rates from native breed and release programs
10.00	Ricky Spencer	Introgression as a Springboard for Facultative Changes in The Dingo
10.15	Tea & Coffee (10:15 to 10:45)	
	S9A: Genomes & Evolution II	
10.45	Josephine F Reyes	Impact of homoplasmy in spoligotypes and VNTR types of tuberculosis
11.00	Hardip R Patel	Tracing the evolutionary history of the olfactory receptor gene family
11.15	Louise Puslednik	Enriching our understanding of biodiversity: a critical examination of the cytochrome c oxidase barcoding region in flies
11.30	Mike Gardner	Rise of the machines – simultaneous genetic marker development using second generation sequencing.
11.45	Francesca Frentiu	Desat2 nucleotide variation contribution to the genetic covariance between a sexually selected trait and male fitness
12.00	15 minute break	
12.15	Plenary 4	
	Daniel Ortiz-Barrientos	Sex, ecology and genetics in plant speciation
1.15	Lunch (1:15 to 2:15)	
	S10A: Grand finale I	
2.15	Jeremy C Brownlie	Symbionts in conflict: Symbionts that protect their insect hosts from pathogens
2.30	Dan Rosauer	Nice weather for frogs – using environmental data to model phylogenetic turnover
2.45	William Sherman	Predicting Genetic and Ecological Diversity
3.00	Robert Magrath	Flights of fear: a mechanical wing whistle sounds the alarm in a flocking bird
3.15	Simon C. Griffith	The history and future of the Gouldian finch: a case-study of confusion and conservation
3.30	Closing Remarks and Prize-giving	
POSTERS		
	Sam Reid	Compound eye structure correlates with distinct foraging bout timing in primitive ants
	Dominique Potvin	Urban noise effects on song learning, development and evolution in a native Australian bird species
	Fumiaki Y Nomano	Social networks in cooperative breeders: effects on group and population viability?
	Jodie Burchell	Evolution of the green-eyed monster: Exploring the role of within-sex differences in the evolutionary model of human
	Lisa Vlahos	Colour vision in a nocturnal marsupial: the Common Brushtail Possum (<i>Trichosurus vulpecula</i>)

THURSDAY		
Start time		
	S8B: Too cool to classify	
9.00	Juliette Shelly	Studying the attractiveness of bodies using body scans and animation
9.15	Damian Dowling	Intergenomic interactions are linked to the economics of mating in seed beetles
9.30	Dani Chandrasoma	The effect of diet on fat accumulation and metabolic rate
9.45	Katrina McGuigan	Asymmetry of genetic variation in fitness-related traits: apparent stabilizing selection on Gmax
10.00	Amanda J. Gilby	The evolution of hatching synchrony in wild, free-living Zebra finches, <i>Taeniopygia guttata</i>
10.15	Tea & Coffee (10:15 to 10:45)	
	S9B: Parents and progeny	
10.45	Naomi Langmore	Cuckoo chick rejection by hosts selects for visual mimicry of host nestlings by cuckoos
11.00	Angela Crean	Sperm phenotype linked to offspring phenotype in a broadcast-spawning sea squirt.
11.15	Chloe D Cadby	Maternal pre-programming in a viviparous skink (<i>Niveoscincus ocellatus</i>): Too costly?
11.30	Andreas Svensson	Adaptations and strategies for paternal care in a desert-dwelling fish
11.45	Andrew F Russell	The wonderful mothers of Oz: contrasting maternal investment strategies in two of its avian cooperative breeders
12.00	15 minute break	
12.15	Plenary 4	
	Daniel Ortiz-Barrientos	Sex, ecology and genetics in plant speciation
1.15	Lunch (1:15 to 2:15)	
	S10B: Grand Finale II	
2.15	Margaret L. Delbridge	The evolution of the mammalian X chromosome
2.30	Stuart Dennis	The endocrine control of predator induced phenotypic plasticity
2.45	Bob B.M. Wong	Variation in male sexual displays in the Australian desert goby
3.00	Simon Robson	Problem solving in complex systems: collective chain formation & distance resolution in a weaver ant
3.15	Rob Brooks	The price of protein: combining evolutionary and economic analysis to understand excessive energy consumption
3.30	Closing Remarks and Prize-giving	
POSTERS		
	Paul McBride	Do dominant mammals evolve faster?
	Suat Hui Yeoh	Genetic Structure of <i>Eucalyptus globulus</i>
	Shinichi Nakagawa	The Hill-Robertson Effect on the W Chromosome Does Not Explain mtDNA Diversity in Birds
jealousy	Tom Gosden	Fat flies need love too: An unexpected effect of diet on male mating success