



Program subject to change

As at 20 September 2024

Sunday 29 September 2024

1300-1830 Registration (Goldfields Theatre Foyer, Ground Floor, western end, Melbourne Convention and Exhibition Centre (MCEC))

1800-1930 Opening Social Event (Courtyard, MCEC)

Monday 30 September 2024

0700-1730 Registration (Goldfields Theatre Foyer, Ground Level, MCEC)

1000-1915 Exhibition (Exhibition Hall, Ground Level, MCEC)

0830-0900 Congress Opening (Goldfields Theatre)

0830-0840 Welcome to Country

0840-0900 Welcome Address

0900-0945 Hamilton Lecture 2020: Professor John Endler 'Coloration, vision, and natural history as generators of hypotheses' (Goldfields Theatre)

0945-1000 Session Change Over

1000-1130 Concurrent Session 1

Session	Concurrent 1A	Concurrent 1B	Concurrent 1C	Concurrent 1D	Concurrent 1E	Concurrent 1F	Concurrent 1G	Concurrent 1H
Theme	Social Behaviour	Behavioural Plasticity	Foraging	Conservation Behaviour	Mating Systems	Altruism and Cooperation	Sensory Ecology	Movement
Room	Goldfields Theatre	Courtyard Room 1	Courtyard Room 2	Eureka Room 1	Eureka Room 2	Eureka Room 3	Hospitality Suite 6	Hospitality Suite 7
Session Chair	Serena Ding	Joseph Welklin	Ghislaine Cardenas Posada	Georgia Ward-Fear	Fabian Salgado Roa	Kate Fergusson	Scarlett Howard	Michael Bertram
1000-1015	Katrijn De Bock Eusociality beyond animals: A fern's tale	Dimphy van Boerdonk Movement in novel environments, the consistency of exploration behaviour and its relevance to the wild	Luke Emerson Kill rates: A critical metric for ecology	Patrick Garvey Exploiting fear for non-lethal cat management	Daniela Wilner Can sexual conflict drive transitions to asexuality? Female resistance to fertilization in a facultatively parthenogenetic insect	Olof Leimar Social bond dynamics and the evolution of helping	Ajay Narendra Vision and visual guidance in the large-eyed Australian ants	Adwait Deshpande Linking individual and collective behaviours: Insights from wild Indian wolves
1015-1030	Anastasia Madsen Societies with fission-fusion dynamics as complex adaptive systems: The importance of scale	Mathew Berg Why does behavioral lateralization vary within species? Spatial and environmental predictors of footedness in a parrot complex	Yilin Bai Unravelling prey selection patterns under different group conditions	Debra Shier Effects of Heterospecific Competitor Experience on Translocation Success of the Endangered Pacific Pocket Mouse	Boon Hui Wong Crab spider males bind females with silk to improve reproductive success	Océane Ferreira Task allocation in cooperatively breeding cichlids: does early life matter?	Anaswara K S Context specific colour preference in Catopsilia pomona	Brendan Alting Dingoes Without Borders: Seasonal differences in territoriality in a social carnivore

1030-1045	Jason Rissanen Are aphids a source of medicine for ants?	Cornelia Hahl Kea neophilia: costs, limitations, and individual variation	Shelfali Dorepalli From Solitary Hunters to Cooperative Foragers: Diet and Sociality explain the Evolution of Group Foraging in Carnivorous Mammals	Kenta Uchida Regional-dependent tolerance to humans: a multi-country comparison of horizontal and vertical escape distance in arboreal squirrels	Eileen Hebets Dolomedes fishing spiders challenge traditional views of mating systems and sex roles	Chris Reid How to pull it together: mechanisms of collective behaviour and physical teamwork in weaver ants	Gauri Gharpure Sensory ecology of Himalayan pollinators in different environmental contexts	Cong Yu Early-life behavioural individuality shapes male dispersal in a large mammal
1045-1100	Damien Farine The fitness benefits of living in a multilevel society	Merit Finia Pokriefke Fluctuating density-dependent selection of life history traits in a wild population of two passerines	Sourabh Biswas Adapting to the Concrete Jungle: Scavengers in Human-dominated Landscapes	Laura Grant Drivers of behavioural responses towards traps and other management devices in introduced rodents	Jon Richardson Male crickets in poor condition engage in less same-sex sexual behaviour	Daniel Sankey "Helping" behaviour as investments into own future reproductive success	Ioan Smart Investigating the Effectiveness of (Edge-Enhanced) Disruptive Camouflage in a 3D Virtual Environment.	Frigg Speelman Handling the heat: automated tracking reveals behavioural responses of birds to extreme heat in the wild
1100-1115	Grace Davis Using optimal foraging theory to build predictive tools on the consequences of climate change for group-living animals	Claire Taylor Nest site selection: do superb fairy-wrens adjust nest site to changing breeding conditions?	Suman Mallick Understanding feeding competition under laboratory conditions: Rohu (Labeo rohita) versus Amazon sailfin catfish (Pterygoplichthys spp.)	Nadine Adrianna Sugianto Preparing rehabilitant orangutans to thrive in the wild through application of Behavioural Ecology: The Orangutan EDT Project	Kardelen Özgün Uludag Genetic architecture of male self-sacrificial traits in a sexually cannibalistic widow spider	Debottam Bhattacharjee A comparative account of prosociality and cooperation in macaque societies	Anne Gaskett Colourful fruity fungi: adapting to bird and reptile sensory ecology in Aotearoa New Zealand	Malika Nisal Ratnayake Studying insect behaviour with new digital AI-based field monitoring technologies
1115-1130		Silvia Colombo Exploring the adaptive significance of nest architecture in birds: insights from global evolutionary and field studies		Natasha Harrison In-situ predator exposure as a tool to maintain anti-predator traits in havened mammal populations.		Gerald Carter Do Initial Interactions Predict Long-Term Cooperative Relationships in Vampire Bats?	Emily Baird Importance of ocelli and DRA in Bumblebees foraging under different sky conditions	
1130-1200	Morning Tea (Exhibition Hall)							
1200-1330	Concurrent Session 2							
Session	Concurrent 2A	Concurrent 2B	Concurrent 2C	Concurrent 2D	Concurrent 2E	Concurrent 2F	Concurrent 2G	Concurrent 2H
Theme	Social Behaviour	Movement	Foraging	Conservation Behaviour	Mating Systems	Altruism and Cooperation	Sensory Ecology	Behavioural Plasticity
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Nathan Butterworth</i>	<i>Jack Manera</i>	<i>Kate Fergusson</i>	<i>Anastasia Dalziel</i>	<i>Shiho Ozeki</i>	<i>Debottam Bhattacharjee</i>	<i>Georgina Binns</i>	<i>Alexandra Cones</i>
1200-1215	Kirsten Sheehy Should I stay or should I go? The form and function of dominance hierarchies in fission-fusion groups.	Ashley Townes Salmon on the move: exploring the impact of predation risk on spawning sockeye salmon movements and reproductive success	Stephanie Harris Variable wind selectivity in shearwaters implies detailed knowledge of the foraging landscape	Annabel Ellis Bandicoot burglary: Using olfactory information to reduce digging by native mammals on an economically valuable crop	Aneesh Bose Mating system and life history consequences of ecological niche construction in a social fish	Ian Hoppe Safety in numbers: Helpers reduce nest predation risk and habitat quality reduces nest flood risk in a tropical riparian bird	Tamra Mendelson "Beauty" as a testable hypothesis of ornament evolution	Ammon Perkes Clonal groups show individual and group-level differences in collective behavior
1215-1230	Annemarie van der Marel The role key individuals play in driving social instability	Max Licht Multi-species predator aggregations in the open ocean: insights from two case studies	Demelza Wall Shy albatross movement data addresses knowledge gaps about the southwest breeding population	Benjamin Breslau Ontogeny of tolerance to humans in Nubian ibex	Athira T K Effects of age and musth on the reproductive success of male Asian elephants in Nagarhole-Bandipur, southern India	James Brooks An integrated framework for the comparative study of group cooperation	Manisha Koneru Does background complexity affect perception of dynamic coloration?	Bruno Camargo Dos Santos Sibling number matters: differential social interactions during early life affect social competence later in life

1230-1245	Mark Laidre Social groupings of non-kin: genetic relatedness and an experimental test in the wild	Maddi Garate-Olaizola Exploring Baltic cod larval behaviour: salinity, light and buoyancy.	Freddie McKendrick Behavioural variability and responses to nutritional stress in a wide-ranging seabird	Peter Banks Messing with their minds: Using misinformation tactics to manage impacts of problem animals	Venkatesh Nagarajan Radha Selective forces maintaining polygynous male behaviours in a promiscuous fission-fusion society	Jess Lund How parasitism affects mutualism: does the host specificity of brood-parasitic honeyguides influence their cooperative behaviour with humans?	Claire Moad Does pattern regularity decrease prey detection speed of a coral reef fish, <i>Rhinecanthus aculeatus</i> ? An investigation using an automated fish trainer	Corné de Groot The ecology of social impact and responsiveness during social foraging games in a wild sparrow population
1245-1300	Masanori Yamakawa RFID-based long-term tracking reveals unique social bond between breeders and heterogeneity among non-breeders in the eusocial naked mole-rat	Emmanuelle Barreau Uncovering movement patterns of belugas in the St. Lawrence Estuary from telemetry data	Lilia Guillet Mapping fine-scale temporal and spatial variability of little penguin foraging areas: implications for habitat use in relation to oceanographic conditions	Stephen C.Y. Chan Socio-demography of an endangered coastal delphinid: A metapopulation model	Andrew Katsis Good guardian, bad partner: Trade-offs between territory defence and nest provisioning in male Darwin's finches	Jorika Smolikova Genetics of Sociality: Cooperative Breeding in the Asian Burying Beetle (<i>Nicrophorus nepalensis</i>)	Jim Galloway Matching in the middle: mesoscale environment matching via visually guided phenotypic plasticity by shore crabs.	Darwin Brack Shifts in population density centers of a hibernating bat driven by conflicting effects of climate change and disease
1300-1315	Josh Arbon Pre-emptive behaviour in a landscape of inter-group conflict	William Perkins Using acoustic telemetry to explore the movement and activity patterns of the bluespotted flathead (<i>Platycephalus caeruleopunctatus</i>) in Jervis Bay Marine Park, NSW	Nicholas Moran Behavior, individual variation, and invasive species interactions: a case study from the Baltic Sea	Ross Crates Loss and rescue of song culture in a critically endangered bird	Charlotta Kvarnemo Olfaction and mating patterns in birds	Lyanne Brouwer Climate change and intra-group conflict over optimal group size	Vivek Nityananda Cuing effects on praying mantis predatory strikes	Donghui Ma Sociality shapes the adaptive response of breeders to harsh thermal environments
1315-1330		Shannon Kaiser Effects of aerially deployed fire-retardant on tadpole survival, development and behaviour	Quentin Queiros Predicting foraging trips of the world's seabirds	Shannon Conradie Biophysical models can accurately predict daily energy expenditure in free-living birds - with the right behaviour data	Davide Baldan Climate change relaxes sexual conflict in a bird species with multiple mating strategies.		Zixiang Li Decoding the Camouflage: The Evolutionary Dance of Viper Patterns and Predator Perception	Hannah Anderson Social and individual behavioral responses to impaired and changing visibility
1330-1430	Lunch (Exhibition Hall)							
1330-1430	Mentor-Mentee Networking Lunch Session (Courtyard)							
1430-1600	Concurrent Session 3							
Session	Concurrent 3A	Concurrent 3B	Concurrent 3C	Concurrent 3D	Concurrent 3E	Concurrent 3F	Concurrent 3G	Concurrent 3H
Theme	Social Behaviour	Behavioural Plasticity	Foraging	Conservation Behaviour	Mating Systems	Altruism and Cooperation/	Sensory Ecology	Movement
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Grace Davis</i>	<i>Nikolas Willmott</i>	<i>Iliana Medina</i>	<i>Jacinta Humphrey</i>	<i>Andrew Katsis</i>	<i>Serena Ding</i>	<i>Kei-Lin Ooi</i>	<i>Silvia Colombo</i>
1430-1445	Carsten Schradin Mammalian Social Evolution: Evidence for a socially flexibly pair-living ancestor	James Gallagher Individuality in a clonal fish persists despite strong predation threat in early life	Daniella Mhangwana Honeyguides and other wax eaters: who eats wax, and why?	Ariana La Porte High ambient temperatures reduce nestling body mass and condition in a tropical monsoon savannah songbird	Letizia Pessina Sex change in a protogynous hermaphrodite fish: on slow growth and jumping the queue	Yitzchak Ben Mocha GCoo-BreeD: advancing comparative research on cooperative breeding with a peer-reviewed and updatable Global Cooperative Breeding Database	Arata Nakayama Transmission creates conspicuity: vertically polarized signal in the courtship of cuttlefish <i>Sepia andreana</i>	Stefan Popp Fractal movement patterns and other ant search strategies

1445-1500	Danai Papageorgiou Male synchrony: precision, epigenetic drivers and reproductive success in multi-level dolphin alliances	Marcus Lee Evolution of colour plasticity and behaviour in response to predation in Trinidadian Killifish	Erika Roper Fast food for cockatoos: Diet and foraging ecology of the Karak (Forest Red-tailed Black- cockatoo, <i>Calyptorhynchus banksii naso</i>) in the urban environment	Dianne Brunton Do conservation actions restore or impede birdsong cultures?	Martin Reichard Mating system and sibling cannibalism in a brood parasitic cuckoo catfish	Thomas Keaney When not to avoid inbreeding: a gene’s eye view perspective	Cedric van den Berg Implications of Quantitative Visual Modelling	Vera Kaunath Blinded by the (artificial) light: Orientation in European Dung beetles under various light treatments
1500-1515	Graham Birch Conflicts of interest in renewing scent recognition labels in wild cooperatively breeding banded mongoose groups	Jessica Herbert Lazy Laboratory Spiders in Lockdown – The Effects of Captivity on Invertebrates	Ghislaine Cardenas Posada Extractive foraging behaviour in woodpeckers evolves in species that retain a large ancestral brain	Enrico Sorato Evaluating the consequences of captive-breeding on personality and post-release survival in an endangered avian species	Noriyosi Sato Differences in sperm storage patterns are correlated with the mating systems in oceanic squids	Rebecca Padget How ecological drivers impact competitive production of a public good	Jolyon Troschianko Measuring light environments; open source, low cost solutions for spectral measurements and hyperspectral imaging under low-light	Joe Morford Almost there: learning to navigate approximately with a grid map
1515-1530	Redouan Bshary How levels of cooperation change during an interaction: a model and case studies	Peter Schausberger Early-life intraguild predation risk produces adaptive personalities in mites	Jonathan Aguiñaga Information takers and makers : between- and within- species behavioral variation binds mixed-species groups together	Fay Morland Drivers of Reproductive Failure in a Threatened Bird: Insights from a Decade of Data	Sophia Fitzgerald Describing male courtship and female aggression in a weapon-wielding rhinoceros beetle	Elias Latchem The Influence of Social Rank on Learning	Karen Cheney Ultraviolet vision in anemonefish improves colour discrimination	Marina Garrido Priego Movement patterns and magnetic orientation in a glassfrog with parental care
1530-1545	Alexis Levengood The ties that bind: Sharing friends and avoidances	Xia Zhan Individual responses to capture are not predicted by among-individual risk-taking in response to predation threat	Vanessa Ferdinand Dynamic optimal foraging in wild mixed-species parrot flocks: a complex systems approach	Lauren Common Neophilia in nest building: host personality and its effects on invasive parasite control	Thomas Green A phylogenetic investigation of same-sex sexual behaviour	Elizabeth Speechley Meta-analyses reveal support for the Social Intelligence Hypothesis	Laura Kelley Proportional processing of a mate choice signal	Greg Grether Reproductive interference, niche differentiation, and range expansion
1545-1600				Mark E. Hauber Adaptive patterns of anti-predator escape behavior in a globally introduced bird species			Robert Heathcote Defensive motion illusions in fish	Jigmidmaa Boldbaatar Can sex-biased dispersal contribute to sex ratio variation in a facultatively parthenogenetic species?
1600-1630	Afternoon Tea (Exhibition Hall)							
1630-1715	Plenary Session 1: Professor Claire Spottiswoode 'The natural history of a human-animal mutualism' (Goldfields Theatre)							
1715-1915	Poster Session 1 Exhibition							

Tuesday 1 October 2024								
0800-1645	Registration (<i>Goldfields Theatre Foyer, Ground Level, MCEC</i>)							
0800-1745	Exhibition (<i>Exhibition Hall, Ground Level, MCEC</i>)							
0830-0915	Plenary Session 2: Professor Shinichi Nakagawa 'Recapitulating and replicating behavioural ecology' (<i>Goldfields Theatre</i>)							
0915-0930	Session change over							
0930-1100	Concurrent Session 4							
Session	Concurrent 4A	Concurrent 4B	Concurrent 4C	Concurrent 4D	Concurrent 4E	Concurrent 4F	Concurrent 4G	Concurrent 4H
Theme	Behavioural Plasticity	Sensory Ecology	Foraging	Conservation Behaviour	Sexual Selection	Learning and Cognition	Social Behaviour	Movement
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Shannon Conradie</i>	<i>Daiki Sato</i>	<i>Milad Shokri</i>	<i>Ayush Parag</i>	<i>Javier Abalos</i>	<i>Scarlett Howard</i>	<i>Anne Aulsebrook</i>	<i>Niki Teunissen</i>
0930-0945	Aidan Joynson Behavioural plasticity rapidly adjusts to brief increases in temperature over time: mean, among- and within-individual responses	Shomen Mukherjee Calling site preference helps minimise acoustic interference among sympatric bush frogs	Clare McArthur A phantom decoy shifts choice of real plants by free-ranging wallabies	Apoorva Gopinath Behavioural types as a function of sex: Observations in a social skink	Hyoseul Hyun Another cost of sex: does investment in sexual reproduction determine male and female quality?	Faelan Mourmourakis Brain Soup: A comparison of the number of cells in the brains of Australian native bees.	Alizée Vernouillet Thick as thieves? Does sociality influence how corvids adjust their caching behaviour depending on the identity of an observer?	Filippa Erixon Matching safety: personality-dependent habitat use and dispersal under heterogeneous risk
0945-1000	Geoff While Have maternal thermal effects on basking behaviour facilitated adaptive divergence?	Anne Scott Disrupting sex pheromone communication reduces reproduction in invasive sea lamprey	Tali Sarah Berman Predatory ungulates: Revealing cryptic interactions between large mammalian herbivores and plant-dwelling arthropods using molecular tools	Estefany Guerra Correa Masters of altitude: decoding the behavioural and physiological strategies of montane lizards inhabiting the Andes of Ecuador	Megan Folwell Ontogenetic co-evolution of genitalia in Northern Pacific rattlesnakes (<i>Crotalus oreganus</i>)	Jeremy Field Memory and scheduling in an insect in the wild	Angela Brierly Plastic social phenology in mixed-species foraging flocks	James Klarevas-Irby Stepping into the unknown: how does prior information shape dispersal out of the natal home range?
1000-1015	Joel Radue How to be cryptic and stay cool: thermal consequences of egg camouflage and parental behaviour in ground-nesting birds	Carla Du Toit Good vibrations: Effects of foraging substrate properties and sensory organ morphology on remote-tactile foraging success of ibises	Jenna Kohles Severe seasonal shifts in tropical insect ephemerality drive bat foraging effort	Georgia Ward-Fear Toxic training: taste aversion buffers the impact of toxic invaders in wild reptilian predators on a landscape scale	Marco González-Santoro The role of learning in speciation by sexual selection	Lisa Evans Floral diversity affects associative learning capacity in wild bumble bee populations	Awani Bapat Examining area use patterns of ravens (<i>Corvus corax</i>) integrating into a free-flying non-breeder flock	Pranav Minasandra Sequences of behavior show a common statistical structure across species
1015-1030	Matthew Symonds Birds actively use their legs and bills to thermoregulate: implications for body shape evolution in response to climate	Moshe Leibovitch Phylogenetic relationship between birds and magnetotactic bacteria	Mihir Joshi Omnivore by choice: nutritional advice from a desert lizard	Ko-Huan Lee The efficacy of acoustic and visual cues as the lure for invasive herpetofauna control in South Korea	David Shuker Anti-same-sex sexual behaviour in non-human animals: a real or assumed absence?	Théo Robert Reward value influences target detection in bumblebees.	Benedetta Catitti Behavioural basis of early-life effects on survival in a long-lived raptor	Shai Finkelstein Sensitivity to electromagnetic noise as an indicator for the magnetic sense; the effect of a manipulated magnetic field and antibiotics on migrating reed warblers (<i>Acrocephalus scirpaceus</i>).

1030-1045	Linnet Jessell Environmental variability drives foraging behaviour of black-legged kittiwakes	Yoni Vortman The ruling hypothesis reigns supreme, insights from magnetoreception and altruism	Molly Gilmour Foraging under heterogenous risk and competition affects prey diversity	Sesa Singha Roy Understanding land-use as a driver of insect microhabitat preference through insect image background analysis	Lea Vodjerek Do female mammals use pregnancy replacement to avoid infanticide?	Tsz Chun Leslie Ng Can honeybees discriminate prime and composite numbers using perceptual grouping?	Ellis Langley Relationship quality of Hawaiian crow breeding pairs and the effects on tool using performance	Shlomo Cain Staying in line: high-resolution tracking data reveals barn owls' preference to use linear infrastructure
1045-1100	Patrick Lewin Range shift can result from individual flexibility in migratory destination	Sam J. England Why do treehoppers look so weird? Sensing electricity as an evolutionary driver of morphological extremity	Avik Banerjee Visualizing seasonal and sex-specific variation in stress responses, dietary choices, and fecal differences under the lens of nutritional ecology.	Simon Ducatez Invasive species cause behavioral changes in land crabs that dissipate after invader eradication			Guillam McIvor Information gathering strategies in a long-lived corvid	Yves Hingrat Testing migratoriness in the Asian Houbara Bustard
1100-1130	Morning Tea (<i>Exhibition Hall</i>)							
1130-1300	Concurrent Session 5							
Session	Concurrent 5A	Concurrent 5B	Concurrent 5C	Concurrent 5D	Concurrent 5E	Concurrent 5F	Concurrent 5G	Concurrent 5H
Theme	Sexual Selection	Neurophysiological Mechanisms/Sensory Ecology	Movement	Predator-Prey Interactions	Social Behaviour	Learning and Cognition	Behavioural Plasticity	Life Histories
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Nathan Butterworth</i>	<i>Anne Aulsebrook</i>	<i>Joe Morford</i>	<i>Changku Kang</i>	<i>Josh Arbon</i>	<i>Jake Martin</i>	<i>Stefânia Ventura</i>	<i>Georgia Ward-Fear</i>
1130-1145	Jutta Schneider Strategic investment in chemical mate attraction by <i>Argiope bruennichi</i> females	Nadja Geiger Comprehensive investigation of REM sleep-like behaviour in the jumping spider <i>Portia fimbriata</i>	Joe Wynn Songbird vagrancy as unraveled via population genomics and deep learning	Akhil Sadiq Diversity of color in the background impedes detection.	Luca G. Hahn Social relationships shape foraging interactions and promote access to food and information in a wild corvid	Martin Whiting Brain size evolution is shaped by life history in lizards	Oded Berger Tal Context-dependent variation in tolerance behavior of the threatened Nubian ibex inside human settlements	Carles Ferre Ortega First evidence of extreme temperatures triggering sex reversal in viviparous reptiles
1145-1200	Maydianne Andrade Female responses to population density may moderate sexual selection across species of widow spiders	Daniela C. Rößler The spider sleeps tonight: an exceptional framework for comparative sleep research	Pinjia Que Migration pattern and habitat selection of a threatened alpine breeding shorebird	Amanda Franklin Do dynamic colours impact the ability of predators to attack moving targets?	Kanika Rajput Role of provisioning, predation risk and group size on ranging patterns in a cooperatively breeding passerine, Jungle Babbler	Đorđe Marković A conformity-diversity spectrum in social animals emerges from joint ecological and cognitive effects	Osamu Sakai Stress exposure at the early life stage shapes individual differences across metamorphosis of the Pacific treefrog	Liran Sagi Deep nests selection in a desert lizard
1200-1215	Nathan Burke Sexual cannibalism as a female resistance trait: a new hypothesis	Heung Ying Janet Chik Exposure to lead (Pb) pollution influences predator avoidance behaviours in an urban bird	Alessia Ostolani Effects of highly pathogenic avian influenza on the behavior and survival of breeding black-headed gulls in Sweden	Ayumi Mizuno Eyespot conspicuousness, rather than eye similarity, drives avian prey avoidance: a meta-analysis	Allison Johnson Harnessing intraspecific variation in social group size to elucidate ecological correlates of cooperative breeding	Jean-Nicolas Audet Being flexible in nature vs in the lab: field innovation and brain size predict problem-solving performance	Dumas Galvez Daily activity patterns in agoutis (<i>Dasyprocta</i> spp) in response to relaxed predation	Luisa Fitzpatrick Senescence in wild reptile populations: The role of early-life conditions and environmental factors
1215-1230	Ryohei Tanabe How does male allocate sperm under the impact of female sperm rejection? Male Japanese pygmy squid allocates more ejaculate when they are not exposed to rivals	Caitlin Evans Effect of urbanisation on sexual signalling in great bowerbirds	Damien Farine Spatial Memory Strategies of a Highly Social Bird: Collective Navigation in a Complex Environment	Italo Martins Easy to spot, hard to eat: the role of UV reflectance on tadpole detection and predation by a passerine bird.	Ettore Camerlenghi Social restructuring during harsh environmental conditions promotes cooperative behaviour in a songbird	Ana Cristina Gomes Experimental examination of the neural background to cognitive variation across species in Poeciliid fishes	Jane Faull Is it mum's fault? Exploring food acceptance behaviour in <i>Dama dama</i> across generations	Maria Cortazar-chinarro Metamorphosis reverses the risk-taking behavioral phenotype in moor frog along a latitudinal gradient

1230-1245	Yoko Iwata Picky vs. cheaty: an evolutionary arms race between males and females in pygmy squid	Amira Sophia S.P. Processing of heat calls in the auditory cortex of the zebra finch	Hannah Scharf Nosy neighbors: Does nest prospecting behavior increase current or future reproductive success?	Kelly Greig Passive debris cloaking in beetles provides non-visual camouflage against predatory ants	Gaoyang Yu Territorial aggressiveness is repeatable and individual responses are correlated between different-sex intruders in both female and male blue tits	Maëlan Tomasek Inhibitory control in Tanganyikan bower-building cichlids covaries with bower complexity	Yuhang Li Unlocking the Secrets of Giant Pandas: How Stress Levels Reveal Cognitive Skills and Personality	Bruno Buzatto Ecology and burrowing behaviour of trapdoor spiders of conservation significance in South Australia
1245-1300	Rabi Sankar Pal Solving the puzzle of long mounting and repeated copulations in a Chrysomelid beetle: Does it lead to sexual conflict?	Danita Daniel Turning an eye: Ecological implications of behavioural lateralisation in wild zebrafish		Greg Holwell Asymmetric wing patterns function to reduce predation in the North Island Lichen moth (<i>Ipana atronivea</i>)	Gail Patricelli Habitat structure and information flow: flexibility in the use of social information on Greater Sage-grouse leks			
1300-1400	Lunch (Exhibition Hall)							
1300-1400	Mentor-Mentee Networking Lunch Session (Courtyard)							
1400-1530	Concurrent Session 6							
Session	Concurrent 6A	Concurrent 6B	Concurrent 6C	Concurrent 6D	Concurrent 6E	Concurrent 6F	Concurrent 6G	Concurrent 6H
Theme	Life Histories	Mechanisms/ Communication	Learning and Cognition	Anthropogenic Change	Sexual Selection	Social Behaviour	Behavioural Plasticity	Movement
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Andrew Katsis</i>	<i>Sam England</i>	<i>Zegni Triki</i>	<i>Avichal Tatu</i>	<i>Jon Richardson</i>	<i>Ettore Camerlenghi</i>	<i>Felipe Martelli</i>	<i>Avichal Tatu</i>
1400-1415	Andrew Cockburn Fitness across generations: reproductive success across a complex avian pedigree	Nikolas Willmott Using microCT brain scans to explain responses to changing environments	Cecilia Baldoni Seasonal Brain Size Variation and Its Impact on Spatial Navigation and Learning in the Common Shrew	Boikhutso Lerato Rapalai Environmental change and the evolution of body colouration in the ornate dragon, <i>Ctenophorus ornatus</i>	Camille Thomas-Bulle Uncovering the genetic basis of horn size reduction in island populations of rhinoceros beetles	Kanika Rawat Peers over past: Prior predation-risk experience does not dictate the antipredator response of a group	Aanchal Panchal How do <i>Odontotermes</i> obesus workers maintain weed-free fungal gardens?	Joseph Azar Age and sex differential migration in the lekking Asian Houbara Bustard
1415-1430	Aneta Izabela Arct A long-term study reveals the impact of weather conditions on avian offspring fitness	Sarah Nicholas Land or escape: visual cues and behavioural state influence appropriate response selection in hoverflies	Emmanuel Lourie Spatial Memory Obviates Following Behavior in an Information Center of Wild Fruit Bats	Bibiana Rojas Stress response and antipredator coloration across a gradient of habitat alteration in poison frogs from a biodiversity hotspot	Chrissie Painting Mating in miniature: The interaction between pre- and post-copulatory sexual selection in the New Zealand giraffe weevil	Samuele Ramellini Social stability during the non-breeding season mitigates conflict when re-establishing territories in a wild songbird	Alexandra Cones Among-individual variation in phenotypic plasticity produced by the developmental environment, not genes, in an avian population	Lindsey Perry Influence of anthropogenic subsidies on common raven movement in the western U.S. during breeding season
1430-1445	Héloïse Moullec Effects of parental age on offspring life history trajectories in the Alpine swift.	Ratna Ghosal Understanding patterns of reproductive behavior and endocrine correlates in freshwater Mugger Crocodiles (<i>Crocodylus palustris</i>)	Louisa Bierbaum Forever an optimist? Investigating the temporal consistency of rats' optimism levels within and across different life stages	Chad Johnson Black widows on an urban heat island: behavioral responses of an urban pest to extreme heat	Douglas Emlen Evolution of horn length and lifting strength in the Asian rhinoceros beetle <i>Trypoxylus dichotomus</i> .	Sanjay Prasher Effects of foraging success on social network centrality in bobwhite quail	Alexandros Vezyrakis Age and experience as drivers of problem-solving in wild house mice	Niki Teunissen Natal dispersal probability and distance are driven by ecological conditions in a cooperatively breeding fairy-wren

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Wednesday 2 October 2024								
0800-1300	Registration (<i>Goldfields Theatre Foyer, Ground Level, MCEC</i>)							
0800-1300	Exhibition (<i>Exhibition Hall, Ground Level, MCEC</i>)							
0830-0915	Plenary Session 4: Professor Roxana Torres 'Sexual selection from a life history perspective' (<i>Goldfields Theatre</i>)							
0915-0930	Session change over							
0930-1100	Concurrent Session 7							
Session	Concurrent 7A	Concurrent 7B	Concurrent 7C	Concurrent 7D	Concurrent 7E	Concurrent 7F	Concurrent 7G	Concurrent 7H
Theme	Sexual Selection	Mechanisms/ Behavioural Genomics	Movement/Predator-Prey Interactions	Life Histories	Communication	Learning and Cognition	Social Behaviour	Anthropogenic Change
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Ummat Somjee</i>	<i>Venkatesh Nagarajan Radha</i>	<i>Niki Teunissen</i>	<i>Luisa Fitzpatrick</i>	<i>Alexandra Jebb de Calais</i>	<i>Leslie Ng</i>	<i>Miya Warrington</i>	<i>Jack Manera</i>
0930-0945	Erika M. Santana The evolution of male weapons is associated with the type of breeding site in a clade of external fertilizers	Jai Lake What Makes a Good Mum? Neural Mechanisms of Parental Behaviour in a Facultatively Social Lizard	Margaret Buehler Navigating change: How alpha male replacements impact ranging in wild white-faced capuchins	Mirjam Borger Investigating the adaptive nature of sex ratio trends in Seychelles warblers: A simulation study	Anand Krishnan Structure and function in psittaciform vocal sequences	Culum Brown Smart Sharks	Renee Firman Under the weather: the thermal benefits of pebble mouse mounds in an extreme environment	Daniel Cervený Pharmaceutical pollution disrupts the behavior and predator-prey interactions of aquatic insects
0945-1000	Joseph Tomkins The need to breed: a test of the null model of polyandry	Karem Lopez-Hervas Plastic adjustment to environmental change by transcriptomic gene expression	Vanessa Bejarano Alegre Alegre Predator-prey movement interaction: jaguars and peccaries on the spotlight	Fragkiskos Darmis Pacing but not behaving: Life-history, but not behaviour, aligns with a slow-fast continuum within environmentally-distinct populations	Anastasia Dalziel Lyrebirds and the behavioural ecology of vocal mimicry	Valeria Mazza The portrait of a bandit: individual differences in innovative problem-solving of non-native raccoons	Severine Hex Sociality in the face of climate change: social bonds within plains zebra harems buffer individuals with the greatest need during a drought	Erin McCallum Exposure to a pharmaceutical pollutant affects reproductive success in complex, realistic social groups
1000-1015	Jussi Lehtonen The correlation between anisogamy and sexual selection – What are the broad theoretical predictions?	Romney Edwards-Francis Let's talk about sex birdy: sex-biased nest site fidelity in the red-tailed tropicbird (<i>Phaethon rubricauda</i>)	Jayna DeVore Invasive rats alter seabird breeding site selection with cascading consequences for caterpillar foraging behavior	Kate Laskowski Pace-of-life at the individual level: It's time for a re-evaluation of the role of life-history trade-offs in structuring within-population behavioral variation	Christa Beckmann Sex-specific song use across breeding stages in a non-duetting Australian passerine	Franziska Hacker Stimulus enhancement enables urban herring gulls to mimic human food choice	Stephan Leu Heat stress conditions affect the social network structure of free-ranging sheep	Francesco Santi Effects of PFAS exposure on exploratory behaviour of Trinidadian guppies (<i>Poecilia reticulata</i>).
1015-1030	Pietro Pollo Synthesis of nature's extravaganza: a meta-meta-analysis on sexual signals	Samuel Becker Estimating the heritability of fungal disease susceptibility while accounting for disease exposure risk in a wild population.	Alice Barratt Perceived predation risk during foraging in a small, free-living bird increases use of nocturnal torpor	Kenyon Mobley The effect of temperature, diet, and the maturation locus <i>vglI3</i> on male maturity and sperm traits in Atlantic salmon	Chun-Chieh Liao Extremely slow development of response to referential alarm calls in the highly social white-winged chough	Jingshu Song The "algebraic" budgerigars generalize relational concepts to various categories of stimuli	Allison Roth Examining the environmental predictors of social network structure in wild three-spined stickleback	Kate Fergusson Impacts of long-term fluoxetine exposure on behaviour in fish

1030-1045	Sarah Flanagan Comparing mating systems and sexual selection pressures across three congeneric species of pipefish that span the continuum of sexual dimorphism	Susanne Foitzik The impact of climate and antagonistic coevolution on behavioral, chemical and transcriptomic trait expression and their genetic basis in an obligate social parasite and its host	Claudia Mettke-Hofmann Ecological and social factors affecting vigilance in Gouldian finches at waterholes	Laurie Mitchell Ecological drivers underlying juvenile-adult colour pattern change in the tomato anemonefish (<i>Amphiprion frenatus</i>)	Diane Colombelli-Négrel Individual personality predicts song complexity in superb fairy-wrens	Job Knoester Can social proximity predict audio-visual similarities in the courtship of spotted bowerbirds?	Sanaa Khan Is strong kin discrimination an adaptive strategy in clonal species?	Marcus Michelangeli Tracking the impacts of pharmaceutical pollutants on animal behaviour and species interactions: A multi-lake experimental approach
1045-1100	Solimary Hernandez Is condition-dependence the underlying mechanism for the emergence of Rensch's rule?	Violeta Caballero Lopez A common genetic region correlates with migratory behaviour in two <i>Phylloscopus</i> species.	Taylor Headland Habitat associations of the Nankeen Kestrel (<i>Falco cenchroides</i>) at multiple scales			Joseph Welklin Spatial cognitive ability is associated with longevity in a food-caching bird	Eleonore Lebeuf-Taylor Social structure supersedes shared environment and diet in wild bat gut microbiomes	Michael Bertram Frontiers in quantifying wildlife behavioural responses to chemical pollution
1100-1130	Morning Tea (<i>Exhibition Hall</i>)							
1130-1300	Concurrent Session 8							
Session	Concurrent 8A	Concurrent 8B	Concurrent 8C	Concurrent 8D	Concurrent 8E	Concurrent 8F	Concurrent 8G	Concurrent 8H
Theme	Predator-Prey Interactions	Communication	Parental Investment/ Predator-Prey Interactions	Learning and Cognition	Sexual Selection	Social Behaviour	Anthropogenic Change	Behavioural Genomics
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Cristina Ottocento</i>	<i>Alexandra Jebb de Calais</i>	<i>Georgina Binns</i>	<i>Megan Lambert</i>	<i>Fabian Salgado Roa</i>	<i>Sam England</i>	<i>Michael Bertram</i>	<i>Thomas Keaney</i>
1130-1145	Andrew Sih It's not just about predators: on a broader, multi-threat view of the behavioral ecology of fear	Clara Howell Song as a reliable indicator of sickness in swamp sparrows (<i>Melospiza georgiana</i>)	Eric Grubmueller The scent of offspring: The perfumed pleas of <i>Nicrophorus vespilloides</i> larvae	Julia Penndorf Cultural diffusion experiments with novel food reveal age-dependent conformity and potential foraging traditions in neighbouring groups of urban parrots	Darrell Kemp Do sexually-selected male butterfly wing colours signal viability?	Kingsley Hunt The social microbiome as a driver of colony fusion in Pacific dampwood termites (<i>Zootermopsis angusticollis</i>)	Jake Martin Microbiota-gut-brain axis in a polluted world: environmentally realistic pharmaceutical exposure disrupts the gut microbiome and behaviour of fish	Daiki Sato Neurogenomic variation enhances collective antipredator performance in flies
1145-1200	Costanza Zanghi Multiple environmental stressors affect predation pressure in a tropical freshwater system	Juliane Gaviraghi Mussoi The effects of sleep deprivation and physiological stress on avian vocal performance	Meagan Craven The involvement of bioactive proteins in parental secretions across Animalia	Lan Ma Recognition for the father's song at an early age in pied flycatchers (<i>Ficedula hypoleuca</i>)	Geoffrey Hill Testing the mechanistic basis of honest signaling via carotenoid coloration using cell culture	Lucy Winder Role specialisation and division of labour at the origin of eusociality	Lisandrina Mari Neophobia in a changing world: does metal pollution affect the physiological and behavioral responses of birds to novelty?	Kees van Oers The epigenetics of Animal Personality
1200-1215	Daniel Blumstein Challenges studying the long-term adaptive value of antipredator behavior	Faiza Hafeez Mapping alarm call communication networks in red-winged blackbirds	Maggie Mwale Have birds' eggs become paler as the climate warms	Ernő Vincze Are comparable studies really comparable? Suggestions from a problem-solving experiment on urban and rural great tits	Kathryn Bullough Sensory processing during mate choice impacts the dynamics of sexual selection	Madingley M. Abbs Sibling cannibalism and Hamilton's Rule: testing kin selection theory in the lab and field.	Natalia Sandoval-Herrera Ecological Impacts of the Pharmaceutical Pollutant Oxazepam on Freshwater Fish Behavior in Natural Environments: Integrating Landscape Use and Resource Selection	Erica Westerman Genetics of visual mate preference in <i>Bicyclus anynana</i> butterflies

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Thursday 3 October 2024								
0800-1700	Registration (Goldfields Theatre Foyer, Ground Level, MCEC)							
0800-1645	Exhibition (Exhibition Hall, Ground Level, MCEC)							
0830-0915	Plenary Session 5: Professor Ashleigh Griffin 'Behavioural ecology at the invisible scale: challenges and solutions' (Goldfields Theatre)							
0915-0930	Session change over							
0930-1100	Concurrent Session 9							
Session	Concurrent 9A	Concurrent 9B	Concurrent 9C	Concurrent 9D	Concurrent 9E	Concurrent 9F	Concurrent 9G	Concurrent 9H
Theme	Host-Parasite Interactions	Social Behaviour	Sexual Selection	Anthropogenic Change	Learning and Cognition	Parental Care	Communication	Predator-Prey Interactions
Room	Goldfields Theatre	Courtyard Room 1	Courtyard Room 2	Eureka Room 1	Eureka Room 2	Eureka Room 3	Hospitality Suite 6	Hospitality Suite 7
Session Chair	Silvia Colombo	Mia Wansbrough	Thomas Keane	Kathryn McNamara	Will Sowersby	Rhiannon Eastment	Claire Taylor	Jake Martin
0930-0945	Alfredo Attisano Do early environment or physiology determine nestling phenotypic variation?	Chena Desai Sexually immature green chromides exhibit choice-based decision making in the context of social preferences	Justine Chartrain The cost of being tough: Effect of anhydrobiosis on mate choice and reproductive success in a tardigrade	Caleb Wellard Early-life noise exposure impairs spatial learning in adult zebra finches.	Eleanor Moore Impacts of a widespread psychoactive pharmaceutical pollutant on executive function in a teleost fish	Ben Hatchwell Coordination of parental care is associated with improved reproductive success in a cooperative breeder	Jan Jedlikowski Pushing duets to the limit: extremely fast coordination matters in species without vocal-learning abilities	Sean Ehlman Exposure to predation risk shapes developmental trajectories in whole behavioral repertoires of the Amazon molly (Poecilia formosa)
0945-1000	Cameron Blair Acoustic mimicry and manipulation by brood-parasitic honeyguide chicks	Paul Huber Leaving no one behind – Social dispersal in a burying beetle	Miriam Scriba Dissecting courtship in a jumping spider: condition dependent communication in Saitis barbipes	Grace Blackburn Anthropogenic noise affects vocalisation properties of the territorial song of Western Australian magpies	Marine Amann The effect of access to cleaner fish on a coral reef fish's executive functions and brain morphology	Francesca Angiolani-Larrea The Role of Parental Care as a Mechanism of Skin Microbiome Transmission in a Cryptic Poison Frog	Joshua LaPergola Referential signaling in a communally breeding bird	Shanaz Masani Individual invasive predator responses to prey cues when hunting
1000-1015	Jinggang Zhang Experimental evidence that cuckoos choose host nests following an egg matching strategy	Takahira Okuyama Mitigating the foraging-vigilance trade-off by genetic heterogeneity within a group in Drosophila melanogaster	Nathan Butterworth Sex on the beach provides insight into the evolution of courtship choreography	Julian Behrens How do Southern Emu-wrens respond to noise pollution?	Masanori Kohda How and when animals establish mirror self-recognition : A case study from cleaner fish	James Savage Behavioural response rules in coordinated parental care	Michal Budka Species-specific strategies for acoustic space competition-avoidance in birds	Stephanie Deering Predatory crows innovate to overcome an invasive, toxic prey
1015-1030	Marcel Honza Predator-like mimicry in the cuckoo plumage does not counter the host's frontline defense	Hanja Brandl Heart rate responses to spatial positioning in a group of wild vulturine guinea fowl	Sophia Anner The importance of courtship in an insect system known for ecological adaptation to different host plants (Rhagoletis pomonella)	Mylene Mariette Traffic noise directly disrupts development and fitness in the zebra finch	Taiga Kobayashi Cleaner fish, capable of mirror self-recognition, metacognitively use mirrors to seek information about their body size	Jia Zheng The evolution of responsiveness in parental care	Noori Choi The evolution of behavior in an adaptive radiation through changes in the use of a shared repertoire	Matthew Hansen Group-Hunting in Striped Marlin (Kajikia audax)
1030-1045	Naomi Langmore Coevolution with hosts drives speciation in brood parasitic cuckoos	Tom Ratz Socially responsive crickets: insights into the evolutionary consequences of behavioural interactions	Varpu Pärssinen Seasonal variation in the sexual selection acting on females of the bushcricket Kawanaphila nartee	Nora Carlson The effects of noise on an important forage fish Ammodytes personatus	Zegni Triki Social complexity affects cognitive abilities but not brain structure in a Poeciliid fish.	Jonathan Henshaw The coevolution of parental care and mating competition	Paweł Ręć The use of an acoustic communication network in spatial orientation.	Audrey-Anne Laurin Vector-host interactions in Lyme disease transmission: predicting deer tick distribution using a behaviorally mediated trophic cascade

1045-1100	Rose Thorogood How do behavioural defences against enemies evolve? Testing the Geographic Mosaic Theory of Coevolution with cuckoos and their hosts.	Emily Beasley A Comparison of Courtship Behaviour in Three Species of Stigmatopora Pipefishes	Watcharapong Hongjamrassilp Evolution of amplified gaping display in tube blennies genus Neoclinus with evidence of sexual selection	Haruka Osaki Joint struggle pairs: A pair bond observed in the subsocial wood-feeding cockroach, <i>Salganea taiwanensis</i> , after mutual wing-eating	Shumpei Sogawa Three-spined stickleback biting behaviour towards red-bellied models: Reevaluating the evidence for sign stimuli	Rebecca Kilner The effects of parental care on genetic variation	Pedro Diniz Female contribution and song overlapping degree improve the propagation of avian duets	
1100-1130	Morning Tea (<i>Exhibition Hall</i>)							
1130-1245	Concurrent Session 10							
Session	Concurrent 10A	Concurrent 10B	Concurrent 10C	Concurrent 10D	Concurrent 10E	Concurrent 10F	Concurrent 10G	Concurrent 10H
Theme	Predator-Prey Interactions	Anthropogenic Change	Parental Investment	Social Behaviour	Sexual Selection	Learning and Cognition	Communication	Host-Parasite Interactions
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Cedric van den Berg</i>	<i>Jacinta Humphrey</i>	<i>Lucy Winder</i>	<i>Upama Aich</i>	<i>Pietro Pollo</i>	<i>Will Sowersby</i>	<i>Gabriella Gall</i>	<i>Ayush Parag</i>
1130-1145	Marilia Fernandes Erickson Why are aposematic signals so effective but so rare?	Sigal Balshine Impacts of anthropogenic noise on communication and parental care of a singing toadfish	Agnes Francila Franklin Biparental Care Dynamics in House Sparrows: Exploring sex-based investments and its impact on reproductive fitness across latitudes	Kristal Cain Careful judging a female by her feathers: colour and territorial song across nine Australian fairy-wren species/subspecies	Diego de Moura Campos Early environmental conditions have long-lasting effects on fish reproductive traits	Harry Suter Self-control: waiting longer is not necessarily better	Samyuktha Rajan Geographic variation in alarm calls shapes nestling songbird responses	Jenny Munoz Birds of different feathers flock together: Parasites and mixed-species flocks
1145-1200	Johanna Mappes Predator selection on phenotypic variability of cryptic and aposematic moths	Claudia Tranquillo Personality as a response to city life in invasive and native squirrels	Leanne Grieves Offspring provisioning dynamics in a communal breeding bird	Mina Ogino Group-specific home ranges can emerge from the avoidance of indirect competition for resources	Md Mahmud Al Hasan Effect of developmental temperature stress on male sexual traits of inbred and outbred guppies (<i>Poecilia reticulata</i>)	Annabell Klinke A battle of self-control: How will the demise of coral reefs affect inhibitory control abilities in humbug damselfish (<i>Dascyllus aruanus</i>)	Susanne Hoffmann Vision and vocal communication guide three-dimensional spatial coordination of zebra finches during wind-tunnel flights	Mairenn Attwood Can vocal mimicry function as nest defence?
1200-1215	Sandra Winters Selective trade-offs and the evolution of warning signal diversity	César González-Lagos Behavioral tolerance to human disturbance in urban pigeons	Mauricio Guillen-Parra Telomere length as a predictor of foraging effort during the chick-rearing period in a long-lived seabird	Stefânia Ventura I love to hate my neighbour: how recognition of dear enemies affects male antipredator behaviours in a lizard species	Felipe Martelli Effects of temperature, sex, and genotype on the survival of <i>D. melanogaster</i> exposed to chronic low insecticide doses	Angelo Guadagno Executive functions and brain morphology of male and female dominant and subordinate cichlid fish	Thorsten Balsby Individual contributions to flock decisions in parrots with fission fusion flock dynamic	Mary Westwood Better late than never: circadian shifts in singing in a parasitised population of crickets suggest temporal escape from infection
1215-1230	Georgina Binns Don't eat either of us: Understanding variation and sexual dimorphism in aposematic signals in diurnal Australian moths	Manjari Jain Finding mates in noise: impact of traffic noise on male calls and female hearing in a tropical cricket	Paolo Becciu Concurrent high-resolution movement data shed light in partnership behaviour of barn owls.	Topi Lehtonen The role of neighbours in aggressive defence of territories in mixed-species breeding aggregations of cichlid fish	Matilda Pembury Smith Elevated temperature changes the sexual selection and mating system landscape	Beatriz Pereira Alteration of cleaner wrasse cognition and brain morphology under marine heatwaves	Tomasz Osiejuk Size matters, song frequency in African doves affects response to territorial intruders	Gabriel Jamie Speciation, mimicry and trans-species polymorphism in host-parasite interactions

1230-1245	Alice Exnerova Sequestration of antipredator defences in milkweed bugs: Does quantity matter?	Leon Hohl Island songbirds adjust to traffic noise: short-term changes in Galapagos Yellow Warbler song	Xi Lin Outside of lens: are the overlooked male cooperation investments associate with hatching success in biparental care shorebird?	George Hodgson Fighting and friendship: how dominance, sex, and group size affect free-ranging feral cattle social behavior	Rosemary Patrick Metallic contaminants influence the outcomes of the male-male competition component of precopulatory intrasexual selection	Clelia Gasparini Cognitive consequences of heatwaves: insights from the guppies	Xingyi Jiang Sounding the alarm: Functionally referential signaling in azure-winged magpie	Jasmin Firozpoor A gut instinct? The interplay between gut microbiome and personality in wild rodents
1245-1400	Lunch (Exhibition Hall)							
1300-1400	ECR Panel Discussion Session (Goldfields Theatre)							
1400-1530	Concurrent Session 11							
Session	Concurrent 11A	Concurrent 11B	Concurrent 11C	Concurrent 11D	Concurrent 11E	Concurrent 11F	Concurrent 11G	Concurrent 11H
Theme	Learning and Cognition	Host-Parasite Interactions	Urban Ecology/ Plant-Pollinator Interactions	Anthropogenic Change	Sexual Selection	Predator-Prey Interactions	Communication	Social Behaviour
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Ghislaine Cardenas Posada</i>	<i>Jinggang Zhang</i>	<i>Leslie Ng</i>	<i>Shannon Conradie</i>	<i>Pietro Pollo</i>	<i>Amanda Franklin</i>	<i>Gabriella Gall</i>	<i>Allison Roth</i>
1400-1415	Juliette Tariel Adam Fish using tools: Uncovering factors driving tool use evolution	Chloe Fouilloux Sex and worms: Disentangling helminth infection on host population dynamics	Isabel Damas-Moreira Do urban lizards use social cues in novel environments?	Jacinta Humphrey The new bully on the block: The influence of noisy miners on native forest birds	Phillip Byrne Does insurance against genetic incompatibility drive extreme polyandry in a frog?	Hansani Sathsara Sandukalani Daluwatta Galappaththige Estimating predation pressure on butterfly populations	Alexandra Jebb de Calais Who goes there? Using bioacoustic machine learning methods to investigate identity and context in long-tailed tit calls.	Alex Jordan Apples with apples and dust-to-dust: how can we compare behaviour across species boundaries? A case study in cichlid fish
1415-1430	Laure Cauchard Cognitive senescence and selective disappearance for wild great tits (<i>Parus major</i>) solving problems	Luca Pietro Casacci Behavioural adaptations between a social parasite and its host ant: the case of the reintroduced butterfly <i>Phengaris teleius</i>	Camille Troisi The effect of an urban diet on the gut-microbiota and cognition of feral pigeons (<i>Columba livia domestica</i>)	Miya Warrington Stronger Together? Resiliency to climate change impacts via social buffering	Fatema Akhter Which is costlier for current sperm production: past male-male competition or past sperm production?	Megan Raposo The relative size of Syrphid mimics to their models and its implications for the evolution of mimicry	Chiti Arvind Assessing variation in birdsong and genetic connectivity in a bird endemic to India's Shola Sky Islands in the Western Ghats	Pierre-Paul Bitton Social network and individual recognition in Atlantic puffins
1430-1445	Lucy Aplin Experimental evidence in birds for the multi-faceted impact of immigration on social learning and culture	Shatabdi Paul Parasitism in a boiling world: effect of latitude and climatic variables in damselflies parasitism	Zsófia Tóth Effect of urban environment on the sperm quality of two passerines	Patrice Pottier How vulnerable are amphibians to global warming?	Guilherme Augusto-Alves Visual cues do not play a role in a multimodal signalling context for mate attraction in Eastern Gray Treefrogs	Changku Changku Kang The role of hidden colour signals in the transition between camouflage and aposematism in elapid snakes	Jiahui Li Where to Sing? The Song Post of a Timid Bird	Rori Wijnhorst Thriving in the flock: Fitness consequences of social impact and responsiveness in wild Norwegian house sparrows
1445-1500	Lucy Farrow Brains not brawn? How neuronal density of the noisy miner could explain its urban success.	Lukas Koch Reproductive parasitism between Cuckoo catfish and mouthbrooding cichlids: Comparative behavioral study	Lorenzo Bianco Exploring the impact of flower visitors' behaviour on flight buzzing acoustic features	Richard Szeligowski Fear one, fear them all?: Drivers of correlated behavioral responses to multiple dangers	Jana Maria Riederer Sexual selection driven by direct benefits leads to the erosion of direct benefits	Iliana Medina Anti-predator defences are linked with high levels of genetic differentiation in frogs	Dingzhen Liu Giant panda neonates use broadband calls to communicate with their mothers	Ryo Hidaka Dominant breeders punish idle helpers to maintain cooperative relationships in the cichlid fish <i>Neolamprologus savoryi</i>

1500-1515	Manvi Sharma Spoilt for choice: Do females experience choice overload when deciding where to lay eggs?	Ulmar Grafe Behavioral strategies used by frogs in northern Borneo to avoid being parasitized by frog-biting midges	Natasha de Manincor Effects of warming on flower visiting bee-haviour and plant reproduction	Kevin McGraw Housing vacancies shape patterns of bird disease in an urbanized landscape	Johana Goyes Vallejos Unravelling female calling behavior: female responses to playback signals in the smooth guardian frog of Borneo	Cristina Ottocento The evolution and ecological drivers of variation in chemical defences in the Wood Tiger Moth (<i>Arctia plantaginis</i>)	You Zhou Does temporal masking affect bird communication in the wild?	Sonia Kleindorfer Leader-follower dynamics in greylag geese: consistent individual differences
1515-1530	Katie Harrington Long-term memory in wild falcons	Tania Perroux Host-parasite interactions are modulated by social interactions in feral cattle.	Scarlett Howard A behaviouralist, vision scientist, and botanist bring the lab into the field: Bridging real-world ecology questions with controlled behavioural experiments on pollinators	Wendy J. King Tourism reduces survival and reproductive success in an iconic Australian mammal	Eetu Selenius Density-dependent sexual selection in a polymorphic moth	Kate Umbers The evolution of deimatic behaviour		Vincent Viblanc Social effects on individual phenotypes: insights from colonial Columbian ground squirrels
1530-1600	Afternoon Tea (<i>Exhibition Hall</i>)							
1600-1645	Plenary Session 6: Professor Florian Schiestl 'Pollinator behavior and flower evolution: new insights into an old question' (<i>Goldfields Theatre</i>)							
1900-2100	Congress Social Event (<i>The Garden State Hotel, 101 Flinders Lane Melbourne</i>)							

Friday 4 October 2024								
0830-1500	Registration (Goldfields Theatre Foyer, Ground Level, MCEC)							
0830-1345	Exhibition (Exhibition Hall, Ground Level, MCEC)							
0900-1030	Concurrent Session 12							
Session	Concurrent 12A	Concurrent 12B	Concurrent 12C	Concurrent 12D	Concurrent 12E	Concurrent 12F	Concurrent 12G	Concurrent 12H
Theme	Social Behaviour	Welfare/Applied Animal Behaviour	Communication	Altruism and Cooperation	Predator-Prey Interactions	Learning and Cognition	Anthropogenic Change	Sexual Selection
Room	Goldfields Theatre	Courtyard Room 1	Courtyard Room 2	Eureka Room 1	Eureka Room 2	Eureka Room 3	Hospitality Suite 6	Hospitality Suite 7
Session Chair	Allison Roth	Nadine Adrianna Sugianto	Changku Kang	Debottam Bhattacharjee	Amanda Franklin	Joseph Welklin	Kathryn McNamara	Anastasia Dalziel
0900-0915	Michael Jennions Fitness is a bugger: organismal performance and adaptive evolution	Janire Castellano Bueno Exploring the Experiences of Wild Animals	Öncü Maraci Repeatable sex-specific differences in scent organ microbiota of greater sac-winged bats	Abigail Robinson Can helpers buffer challenging breeding conditions? A question of quality and climate in a cooperative breeder.	Katherine Potter Revelation and escape, the role of flash colours in antipredator behaviour	Victoria Austin Maternal in-nest calls reduce habituation risk in songbird embryos.	Alejandro Alaman Coping with a changing environment: Arabian babbler (<i>Argya squamiceps</i>) reproductive response to anthropogenic modification and environmental variability	Javier Abalos Repeated evolution of a sexually selected syndrome in wall lizards?
0915-0930	Claire O'Connell Familiarity with social partners influences affiliative interactions but not spatial associations	Dana Campbell Behaviours of farmed saltwater crocodiles (<i>Crocodylus porosus</i>) housed individually or in groups	Fernando Vargas-Salinas Abiotic noise matters: Uncoupled evolutionary patterns in spectral and temporal components of acoustic signals in anurans associated to streams	Michael Griesser The power of touch: from survival to enduring prosocial cooperation	Theodore Brown Testing Flash Coloration in Wild Avian Predators: Delayed Detection of Conspicuous Prey in Motion.	Robert Curry Cognitive impairment as a cost of hybridization: field and aviary tests of spatial memory performance in chickadees	Brett Seymoure Differential predation across urban and rural sites in the white-lined sphinx moth, <i>Hyles lineata</i> .	August Davidson-onsgard Signalling Function of the Female Supercilium in the Sexually Dichromatic Black-throated Blue Warbler
0930-0945	Adelaide (Daisy) Abraham Divorced, migrated, died: social responses to partner loss in wild great tits (<i>Parus major</i>)	Finn Parker Phantom decoys decrease the perceived missed opportunity costs of traps and increase trap success	Sonnie Flores What does the croc say? Acoustic communication in estuarine crocodiles (<i>Crocodylus porosus</i>)	Brendah Nyaguthii Cooperative breeding in a plural breeder: the vulturine guineafowl (<i>Acryllium vulturinum</i>).	Louise Tosetto Hidden in plain sight: using movement as a form of protection in humbug damselfish	Sue Healy Wild birds associate reproductive success with their nest materials	Carl Santiago Host sharing and territorial aggression in clownfish: investigating the formation of mixed-species groups around Lizard Island, GBR.	Boya Xie White-faced plover(<i>Charadrius dealbatus</i>) uses assortative mating to improve hatching success
0945-1000	Sierra Williams The effect of an early viral immune challenge on adult social behavior in the zebra finch (<i>Taeniopygia guttata</i>)	Gabrielle Jarvis Irrational Behaviour: Phantom Decoys Alter Foraging Choices of Mammalian Herbivores	Ryoichi Inoue Functional roles of sound production in cichlid fishes of Lake Tanganyika	Yijin Du Indirect Reciprocity in Lovebirds	Min Tan The flicker fusion camouflage effect in jumping spiders	Tas Vamos Spatial memory performance influences cache site choice in wild birds	Chun-Chia Chou Loss of marine food subsidies drives the collapse of an insular reptile community	Masaru Hasegawa Straightening the twist: macroevolutionary evidences support the sexual function, but not the viability function, of swallows' tails
1000-1015	Deryk Tolman Can social interactions rescue "lost" behavioural defences in an allopatric host of cuckoos?	Patrick Garvey Behaviours and personalities of invasive species influence the outcomes of control operations	Vlad Demartsev Scaling down the Social Complexity for Communication Hypothesis: A cross-species exploration	Sarah Beres Does neighbor relatedness effect longterm reproductive output in a cooperatively breeding bird?	Zeke Rowe Blending in: Behavioural camouflage in a moth community	Megan Lambert Hidden properties: Testing weight discrimination and inference in kea	Claudio Pardo The dark side of organic farming: copper sulphate compromises the life history and behaviour of the walking stick insect, <i>Bacillus rossius</i>	Chloe Mason Effects of female-specific selection for maternal investment on male fertility traits.

1015-1030	Matthew Chaumont Remnant vocal mimicry in a population long isolated from its model: evidence for social transmission and cultural evolution in the wild	Tirth Vaishnav Macroecological patterns in bird strikes with aircraft show clear seasonal and hemispherical variation		Raphael Ritter Those who won't puke (or cooperate) shall be eaten: the benefits of cooperation and sources of variation in a collective chemical defense	Kei-Lin Ooi Can thermal constraints explain colour polymorphism in an aposematic bug?	Will Sowersby The importance of sleep for learning and memory in fish	Guadalupe Sepulveda The impact of simulated heatwaves on bumblebee pollination effectiveness	
1030-1100	Morning Tea (Exhibition Hall)							
1100-1230	Concurrent Session 13							
Session	Concurrent 13A	Concurrent 13B	Concurrent 13C	Concurrent 13D	Concurrent 13E	Concurrent 13F	Concurrent 13G	Concurrent 13H
Theme	Human and non-human primate behaviour	Applied Animal Behaviour	Anthropogenic Change/ Social Behaviour	Predator-Prey Interactions	Sexual Selection	Learning and Cognition	Communication	Contests
Room	<i>Goldfields Theatre</i>	<i>Courtyard Room 1</i>	<i>Courtyard Room 2</i>	<i>Eureka Room 1</i>	<i>Eureka Room 2</i>	<i>Eureka Room 3</i>	<i>Hospitality Suite 6</i>	<i>Hospitality Suite 7</i>
Session Chair	<i>Grace Davis</i>	<i>Nadine Adrianna Sugianto</i>	<i>Nikolas Willmott</i>	<i>Cristina Ottocento</i>	<i>Upama Aich</i>	<i>Megan Lambert</i>	<i>Ummat Somjee</i>	<i>Javier Abalos</i>
1100-1115	Kartikey Awasthi Studying the evolutionary impact of parental influence on mate choice in human societies	Shawn Dsouza Super predators or just super scary? A systematic review and meta-analysis of the behavioural consequences of human interactions with their "prey".	Katharina Mahr Does artificial light at night affect early maternal investment?	Charlotte Perrault Seasonal effects of tawny owl plumage coloration on camouflage abilities in a changing climate: an experimental approach	Arezo Shamsgovara Male Mate Choice Copying in a Livebearing Fish	Lisa Fontana Testing innovativeness in wild <i>Cacatua galerita</i> through specific cognitive tasks	Robin Tinghitella The origins of novelty in communication between the sexes	Anne Aulsebrook Activity and energy expenditure predict male mating success in the polygynous pectoral sandpiper
1115-1130	Josefien Tankink The effects of interdependence in acquiring high quality food on male-female vervet monkey social bonds: a field experiment	David Earn Impacts of male alternative reproductive tactics on population dynamics	Kathryn McNamara Latitudinal variation in population responses to artificial light at night.	Nandini Rajamani Evolution of colour and pattern traits in palm squirrels: an integrative image analysis approach	John Fitzpatrick Condition-dependent female ornaments influence male mate choice in a livebearing fish	Antonio J. Osuna-Mascaró The understanding of irreversible non functionality in Goffin's cockatoos	Audrey Miller Receiver roles in courtship: Investigating the influence of female viewing behavior on a broad-tailed hummingbird courtship display	Darryl McLennan Maximal rates of mitochondrial oxidative phosphorylation predict dominance status in brown trout.
1130-1145	Sanele Nhlabatsi Recreational honey-hunting with honeyguides in the Kingdom of Eswatini	Nathalie Boutros Insular isolation erodes song recognition among coal tit populations of the Eastern Mediterranean.	Mónica Sayuri Díaz Palma Coping with Light Pollution: A meta-analysis reveals effects of Artificial Light at Night on specific patterns of birds' performance	Md Kawsar Khan Bagworm decorations are an anti-predatory structure	Gabrielle Welsh Permissive female preferences may facilitate the evolution of novel songs in the Pacific field cricket	Gabriella Smith Susceptibility and physiological reactions to cognitive illusions in kea (<i>Nestor notabilis</i>) and Goffin's cockatoos (<i>Cacatua goffiniana</i>)	Fiona Backhouse Geographic variation and conformity in male Albert's lyrebird display signals	Mark Elgar Understanding group contests: best served by animal conflict or human warfare theory?
1145-1200	Jordan Martin Social drive promotes rapid adaptation and eco-evolutionary feedback in a small-scale human society	Silviya Ivanova Salmonid community interactions and essential habitat in a Great Lake	Nicola-Anne Rutkowski Artificial light at night and the role of melatonin	Robert Magrath How a tiny bird uses alarm calls and vocal mimicry to deceive its nest predator	Lily Amos Experimental manipulation of male attractiveness reveals possible cryptic female choice towards males of the wrong species	Jeroen Zewald Fit for alignment? To what extend does object asymmetry affect shape fitting in Goffin's cockatoos (<i>Cacatua goffiniana</i>)	Avantika Deep Sharma Decoding the Dewlap: Multiple signals in females and males of a gliding lizard	Mohammadali Dashtbali The evolution of honest and dishonest signals of fighting ability

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