

Sunday, November 26, 2017


0900-1700	Post Graduate Day - Cypress #2
0900-1700	ESA Board Planning Day – Cypress #3
1400-1830	Registration open – Convention Centre lobby
1400-1830	Speakers preparation room open – Cypress #5
1730-1830	Welcome mixer and conference registration – Convention Centre lobby
1830-2100	BBQ (own expense) on The Event Centre Lawns (BBQ available plus cash bar)

Monday, November 27, 2017

0630-0730	<i>Morning Yoga with Michael Renton (Bistro Lawns)</i>					
0800-0845	<i>Austral Ecology Editorial Board meeting (invitation only). Cypress 1</i>					
	PLENARY SESSION 1					
ROOM	The Convention Centre					
CHAIR	Scott Johnson					
0900-1000	Welcome to Country and Conference Opening					
0930-1000	KEYNOTE PRESENTATION: <i>How can ... Indigenous governance and the application of Indigenous knowledge – support ecology being put to work ... Leah Talbot</i> , CSIRO					
1000-1030	KEYNOTE PRESENTATION: <i>Putting ecology to work – a Māori perspective, Jamie Atatria</i> , Centre of Research Excellence, Lincoln University, New Zealand					
1030-1100	Morning tea (Monday)					
1100-1300	SYMPOSIUM: Insect Ecology Research Chapter - insects punching above their weight (Part 1)	SYMPOSIUM: Tree Mortality - When, Where and Why Do Trees Die? - Part 1	SYMPOSIUM: Indigenous Ecological Knowledge	Urban Ecology (1)	Agro Ecology	Conservation Biology (1)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room	Cypress 3 Room
CHAIR	<i>Heloise Gibb</i>	<i>Belinda Medlyn</i>	<i>Gerry Turpin</i>	<i>Ben Miller</i>	<i>Michael Rostas</i>	<i>Gary Palmer</i>
1100-1115	Dr Fiona Clissold , The University of Sydney <i>Host plant quality for insect herbivores is more than just leaf chemistry</i>	Dr Daniel Falster , ARC Future Fellow University of New South Wales <i>Five recommended techniques for modelling tree mortality</i>	Introduction, Gerry Turpin	Dr Josie Galbraith , Auckland Museum <i>Inequality at garden bird feeders: who gets more than their fair share?</i>	Dr Rebecca Vandeger Western Sydney University <i>Virus infection alters the antioxidant defence capacity of wheat, independent of resistance and visual symptoms</i>	Dr Adrian Paterson , Senior Lecturer Lincoln University <i>Will they tern up? Socially attracting black-fronted terns to braided river colonies sites</i>
1115-1130	Associate Professor Nigel Andrew , Associate Professor of Entomology, University of New England <i>Responses of the spiny leaf insect to rearing on different host plants</i>	Georgia Watson , University of Wollongong <i>Disturbance and demography: Fire and logging alters tree recruitment, growth and mortality</i>	Basil Murrungun and Janita Gaykamangu, with Dr Emilie Ens , Macquarie University <i>Cross-cultural biodiversity surveys in SE Arnhem Land</i>	Michael Lohr , Phd Candidate, Edith Cowan University <i>Silent Night: Prevalence and Implications of Anticoagulant Rodenticide Exposure in Southern Boobooks</i>	Dr Alison Popay , Science Team Leader, Agresearch Ltd <i>Herbivory down under: grass species, endophyte and moisture status make a difference</i>	Michael Sievers , Phd Student The University of Melbourne <i>Impacts of human-induced environmental change in wetlands on aquatic animals</i>
1130-1145	Associate Professor Markus Riegler , Hawkesbury Institute for the Environment, Western Sydney University <i>Could psyllid-induced defoliation and dieback of eucalypts become more common and widespread?</i>	Dr Raphael Trouve , Research Fellow, Melbourne University <i>Quantifying climate-induced changes to maximum carrying capacity during last century: the role of mortality</i>	Dr Steve Leonard , Research Fellow La Trobe University <i>Nyangumarta wika: Using oral history and historical aerial photography to reconstruct traditional burning regimes</i>	Erika Roper , Phd Student The University of Western Australia <i>Foraging behaviour of the forest red-tailed black-cockatoo on native and exotic foods in urban habitat</i>	Rohan Riley , Phd Western Sydney University <i>Growth strategy trade-offs drive mycorrhizal responses in Brachypodium distachyon</i>	Christopher Pocknee University of Melbourne <i>Assessment of novel survey techniques for detection of a cryptic arboreal mammal</i>
1145-1200	Dr Olivier Ball , Senior Tutor Northtec <i>Response of landhoppers (Crustacea: Amphipoda: Talitridae) to fire in New Zealand tussock grasslands</i>	Associate Professor Patrick Baker University of Melbourne <i>How susceptible are different species to disturbance-induced mortality?</i>	Lena Long and Trisha Williams , Wiluna Rangers <i>Looking after Birrilburu Bilbies: a two-way science approach</i>	Dr Caragh Threlfall , Research Fellow Clean Air and Urban Landscapes Hub, The University Of Melbourne <i>The loss of functional and phylogenetic diversity of bats in urban areas</i>	Dr Manu Saunders , Postdoctoral Fellow University of New England <i>Towards a holistic model of ecosystem services in multifunctional landscapes</i>	Calum Cunningham , PhD Candidate University of Tasmania <i>Disease-induced top carnivore decline has cascading effects on carrion acquisition in the scavenger guild</i>
1200-1205	Joshua Grubb La Trobe University <i>In for the long game: Long-term fire impacts do not affect trail-mediated detritivore distributions</i>	Associate Professor Brendan Choat , Western Sydney University <i>Physiological mechanisms of drought-induced mortality in woody plants</i>	Richard Kime Worimi Local Aboriginal Land Council <i>Obtaining a Critical Mass: How one Green Team became sustainable</i>	Heidi Chappelou , Director, Creative Human Initiatives <i>Ecological Humans: Making Newcastle's Cycling and Recycling 'Possible not Punishing' and why it Matters</i>	Min Raj Pokhrel , Phd Scholar, The University of New England <i>Native and introduced dung beetles assemblage along the environmental gradients of NSW northern tablelands</i>	Dr Alexandra Knight , Early Career Development Fellow, Charles Sturt University <i>Policy and practice change result from research into and advocacy for the obscure Sloane's Froglet</i>
1205-1210					Dr Jing Yuan , Shanghai Jiaotong University <i>Acetate indicates the patterns of methane and methanogens under different ferti-lizer conditions in paddy soil</i>	

1210-1215					Dr Miguel Bedoya-Pérez , Postdoctoral Research Associate, The University of Sydney <i>Cattle and wallabies. Management of a native agricultural pest</i>	
1215-1220	Associate Professor Alan York , University of Melbourne <i>Using insect pollinators to explore the effects of both visible and invisible fire mosaics</i>	Anthea Challis , Phd Student, Western Sydney University Are trees from warm climates more tolerant to extreme heatwave events than cool-origin trees?	Oliver Costello NSW National Parks and Wildlife Service <i>Cultural Fire Management on NPWS managed lands in NSW</i>	Dr Heidy Kikillus , Victoria University of Wellington <i>Where does kitty wander? Results from the Cat Tracker New Zealand Citizen Science project</i>	Dr Katinka Ruthrof , Research Scientist, Botanic Gardens And Parks Authority <i>Overcoming challenges in the transition from mining to agriculture</i>	Dr George Wilson , Australian National University <i>Improving kangaroo management</i>
1220-1225		Simon Heyes , La Trobe University <i>Now you see it, now you don't – or do you? Silver Banksia Demographic Study</i>				
1225-1230		Dr Rumana Yeasmin , University of New South Wales <i>Coordinating leaf gas exchange with growth pattern on mulga tree at Northern Territory of Australia</i>				
1230-1235	Jamie Stavert , The University of Auckland <i>Exotic flies maintain pollination services as native pollinators decline with agricultural intensification</i>	Dr Remko Duursma , Western Sydney University <i>Death by desiccation: a dynamic model incorporating overlooked traits involved in plant drought tolerance</i>	Discussion	Dr Luis Mata , Research Fellow RMIT University <i>Bringing nature back into cities</i>	Associate Professor Ying Ma , Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences <i>Evapotranspiration partitioning and water use efficiency of winter wheat under different irrigation and fertilization treatments</i>	Nathan Beerkens , Field Ecologist and Community Coordinator, Arid Recovery <i>Scoping the suitability of Arid</i>
1235-1240						Emma Bennett , Phd Student, Monash University <i>Volunteers, working dogs and threatened species: A world first for conservation</i>
1240-1245						Thomas Keen , Phd Candidate, University of Tasmania <i>Avian conservation in agricultural landscapes: does reducing pesticide use represent a viable wildlife-friendly farming strategy?</i>
1245-1250	Rachel Nepia , Phd Student University of Waikato <i>Understanding the role and impact of introduced honey bees in native New Zealand submontane forest</i>	Rodrigo Pires , Phd Candidate, The University of Western Australia <i>The costs of isohydry: mortality and hydraulic control strategies in woodlands under severe drought stress</i>		Dr Amy Hahs , Urban Ecology In Action <i>Conceptualizing urban impacts across the terrestrial, freshwater and marine realms</i>		Laura McCallion , Griffith University <i>Value of riparian habitats for terrestrial vertebrates in a semi-arid agricultural landscape</i>
1250-1255		Ximeng Li Western Sydney University <i>Plant hydraulic traits are co-ordinated and strongly linked to climate of origin</i>		Alison Haynes , Phd Student University of Wollongong <i>Microhabitats in the concrete jungle: finding patterns of persistence</i>		Cara Penton , Phd Candidate, Charles Darwin University <i>Double sampling to assess the effectiveness of ground-based surveys of tree hollows in northern Australia</i>
1255-1300		Discussion		Jacinta Humphrey , Postgraduate Student, La Trobe University <i>Beyond the fringe: temporal and spatial change in peri-urban land-use and avian communities</i>		
1300-1400	Lunch (Monday)					
1315-1345	Insect Ecology Research Chapter Meeting, Brokenback Room					
	PLENARY SESSION 2					
ROOM	The Convention Centre					
CHAIR	Scott Johnson					
1400-1445	KEYNOTE PRESENTATION: <i>Putting ecology to work: improving biodiversity outcomes in the Pacific</i> , Dr Carol West , Honorary Research Associate, Department of Conservation, New Zealand					
1445-1515	KEYNOTE PRESENTATION: <i>ESA Gold Medal Winner, Reflections on long involvement in Australian ecology</i> , Dr Steve Morton					
1515-1545	Afternoon tea (Monday)					

1545-1745	SYMPOSIUM: Insect Ecology Research Chapter - insects punching above their weight (Part 2)	SYMPOSIUM: Tree Mortality - When, Where and Why Do Trees Die? – part 2	Open session (1)	Urban Ecology (2)	Conservation Biology (2)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room
CHAIR	<i>Nigel Andrew</i>	<i>Daniel Falster</i>	<i>Jane Gabriel</i>	<i>Amy Hahs</i>	<i>Adrian Paterson</i>
1545-1600	Associate Professor Heloise Gibb , La Trobe University <i>Long term responses of desert ants to climate</i>	Jen Peters , Phd Student, HIE Western Sydney University <i>Physiological Thresholds of Hydraulic Failure in Australian Forests</i>	Margarita Medina , Phd Student, University of Canberra / Institute for Applied Ecology <i>Identification of marsupial hotspots in the Americas and Australasia</i>	Dr Ana Bugnot , Research Associate, University of New South Wales <i>The global “footprint” of marine infrastructure: current spatial extent and management challenges</i>	Dr Abbey Camaclang , Postdoctoral Research Fellow Monash University <i>Models and decision frameworks for optimal threat management in alpine and subalpine peatlands of Victoria</i>
1600-1615	Professor Alan Andersen , Charles Darwin University <i>Historical biogeography shapes community ecology: inter-continental contrasts in savanna ant communities</i>	Dr Cate Macinnis-Ng , University of Auckland <i>Scoping forest response to drought in Aotearoa-New Zealand using remote sensing</i>	Bronwyn Ayre , Phd Student, University of Western Australia <i>Importance of pollen dispersal distance on the reproductive success of the bird-pollinated Anigozanthos manglesii</i>	Marie Dade , Phd Candidate, University of Queensland <i>Identifying the drivers and trade-offs of cultural ecosystem service supply in urban greenspaces</i>	Dr Thomas Newsome , Research Fellow Deakin University / University of Sydney <i>Using body size and range size to predict vertebrate extinction risk</i>
1615-1620	James Buxton , PhD candidate, La Trobe University <i>The preservation of ant colouration</i>	Dr Linda Beaumont , Macquarie University <i>Modelling potential responses of dominant tree species to the Millennium Drought</i>	Dr Warwick Badgery , Research Leader Rangelands NSW Department of Primary Industries <i>Spot spraying serrated tussock to maintain competitive native pastures is uneconomic compared to broadacre control</i>	Axton Aguiar , Phd Candidate University of Wollongong <i>Friends with benefits: effects of vegetative shading on plant survival in a green roof environment</i>	Rebekah Grieger , Griffith University <i>Resilience of Coastal Freshwater Wetland vegetation in the face of rising sea levels</i>
1620-1625	Nirosha Ranawaka , Phd Research Scholar, University of New England <i>Meat ants’ true aggression behaviours are masked by human interference when recorded in enclosures</i>				Dr Margaret Donald , Statistical Consultant, Anne Clements & Associates; Sydney University <i>Small sites need small quadrats for accurate vegetation mapping</i>
1625-1630	Dr James O’Hanlon , Postdoctoral Research Fellow, University of New England <i>How do ants influence the distribution of stick and leaf insects?</i>				Discussion
1630-1635	Jayne Hanford , The University of Sydney <i>Understanding interactions between mosquitoes and invasive fish in urban wetlands</i>	Dr Tanya Doody , Senior Research Scientist CSIRO <i>Why floodplains need to flood</i>	Alicia Cook , Student University of Technology Sydney <i>Heat and repeat: the effects of multiple heat stresses on leaves</i>	Julia Rayment , Student University of Wollongong <i>Incorporating below-ground mycorrhizal associations to increase the survival of seedlings suitable for green roof applications</i>	Zoe Stone , Phd Candidate The University of Queensland <i>One size doesn't fit all: small populations provide important information for threatened species management</i>
1635-1640	Claire Gely , Phd Student, Griffith University <i>How will increased drought affect herbivory-based insect communities in Australia's tropical rainforests?</i>				
1640-1645	Zac Hemmings , Student, University of New England <i>The effect of temperature on a provisioner of ecosystem services, the dung beetle Onthophagus binodis</i>				
1645-1700	Nicole Coggan , La Trobe University <i>What are the implications of mammal declines for invertebrate function and diversity?</i>	Associate Professor Cris Brack , Associate Director, Fenner School of Environment and Society, ANU <i>Monaro Dieback: too big and heterogeneous to call</i>	Dr Tim Curran , Senior Lecturer, Lincoln University <i>Building a better plant BBQ: a novel method to measure shoot flammability using standard calorimetry</i>	Ryan Leonard , The University of Sydney <i>Exhausting all avenues: why impacts of air pollution should be part of road ecology</i>	Leanda Mason , Phd Candidate Curtin University <i>The specialist trap hypothesis: microhabitat requirements make taxa more vulnerable to ecological and landscape traps</i>
1700-1715	Katherina Ng , Phd Scholar, Australian National University <i>Morphological trait responses of Carabidae to land-use, edges and vegetation structure in an agricultural landscape</i>				
1715-1720	Jessica Hoskins , Phd Candidate, Monash University <i>The effect of environmental change on springtail diversity and functional traits</i>		Dr Megan Good , Federation University Australia <i>Greening trees: nutrient implants reverse symptoms of Mundulla Yellows in South</i>	Melinda Cook , Research Assistant Charles Sturt University <i>Diversifying the urban forest: bringing mistletoe back to Melbourne</i>	

1720-1725	Jonathan Finch , Phd Student, Western Sydney University <i>Obligate Pollination Mutualisms in the Australian Phyllanthaceae</i>		Australia		
1725-1730	Melissa Van De Wetering , Phd Student, La Trobe University <i>Variable effects of dominant ant suppression on an EFN-mediated, facultative ant-plant mutualism</i>				
1745-1930	Barbara Rice Memorial Poster Session (The Event Centre)				
Tuesday, November 28, 2017					
0630-0730	Morning Yoga with Michael Renton (Bistro Lawns)				
		PLENARY SESSION 3			
ROOM	The Convention Centre				
CHAIR	Rose Andrew and Ben Moore				
0900-0945	KEYNOTE PRESENTATION: <i>Ecological genomics of adaptation to environmental change</i> , Professor Luciano Beheregaray , Professor of Biodiversity; ARC Future Fellow, Flinders University, SA				
0945-1030	KEYNOTE PRESENTATION: <i>Pests, pathogens and unpredictable rainfall: using ecology to address global challenges in food security</i> , Professor Sue Hartley , Professor of Ecology, The University of York, UK				
1030-1100	Morning tea (Tuesday)				
1100-1230	SYMPOSIUM: Functional roles of plant silicon: how plants get it and what they use it for	Socio-ecological Interactions / Open Session	Ecological Modelling (1)	Open Session (2)	Landscape Ecology (1)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room
CHAIR	Sue Hartley	Cate McInnes-Ng	Aaron Greenville	Chris Bycroft	Rose Andrew
1100-1115	Professor Richard Haynes , University of Queensland <i>An overview of silicon availability in soils</i>	Mitchell Stares , Phd Student, University of Wollongong <i>Dead, Downed and Decayed – Coarse woody debris and hollow modification by fire and</i>	Bernat Bramon Mora , Phd Student, University of Canterbury <i>Detecting convergent evolution in the structure of ecological communities</i>	Jessica Hodgson , Phd Student, Deakin University <i>Great Bowerbirds as ecosystem engineers?</i>	Dr Philip Zylstra , Visiting Fellow, Centre For Environmental Risk Management of Bushfires, University of Wollongong <i>Feeding fire with fire: positive feedbacks and ecosystem collapse</i>
1115-1130	Dr Scott Johnson , ARC Future Fellow, Hawkesbury Institute for the Environment, Western Sydney University <i>Plants bite back unequally: plant silicon defends against herbivore feeding guilds differently</i>	Dr Aparna Lal , Research Fellow, Australian National University <i>Natural resource managers as custodians of population health</i>	Dr Matthias Dehling , University of Canterbury <i>Assessing the functional roles of species and their contribution to functional diversity</i>	Chuyen Phung , Danang University <i>How could the antibiotic ciprofloxacin affect aquatic bacteria even at environmentally relevant concentrations?</i>	Associate Professor Grant Wardell-Johnson , School of Science, Curtin University <i>Topographic refuges and patterns of rarity in the subdivided landscapes of south-western Australia's Helena-Aurora Range</i>
1130-1135	Dr Jane DeGabriel , Program Manager, Office of Environment and Heritage <i>Patterns and effects of induction of silicon defences in grasses by wild mammalian herbivores</i>	Margreet Drijfhout , Phd Candidate, La Trobe University <i>The koala conundrum: Managing overabundant koalas and public opinion</i>	Professor Yohay Carmel , Faculty of Civil and Environmental Engineering, The Technion, Haifa <i>Recasting the competitive exclusion principle</i>	Kirsty Milner , Phd Candidate, University of Technology Sydney <i>What do thermal thresholds look like for desert plants?</i>	Kelly Dixon , Phd Candidate, Australian National University <i>Is prescribed burning increasing fuel hazard and decreasing biodiversity? A case study from south-eastern Australia</i>
1135-1140					
1140-1145					
1145-1200	Olivia Reynolds , Department of Industry, NSW <i>Using silicon to manipulate plant defence: chemical and molecular ecology</i>	Md Mohasinul Haque , Doctoral Candidate, Dept of Biological Sciences Macquarie University <i>A journey through time: temporal patterns in the collection of plant records across Australia</i>	Dr Darren Southwell , University of Melbourne <i>Optimising a monitoring program in northern Australia to detect declines in vertebrate populations</i>	Dr Catherine Leigh , Griffith School of Environment, Griffith University <i>Ecosystem services of 'terrestrial' rivers of the Anthropocene</i>	Simon Verdon , Phd Student, La Trobe University <i>Saving the mallee emu-wren: What role should burning play?</i>
1200-1205	Dr Andrew Gherlenda , Hawkesbury Institute For The Environment, Western Sydney University <i>Disarmed by defence: is silicon silicon and do insect herbivores care?</i>	Dr Sebastian Horn , Postdoctoral Researcher, Western Sydney University <i>The effect of altered rainfall pattern on soil microbial and plant communities</i>	Emrys Leitch , Field Officer, TERN Ausplots <i>Putting AusPlots data and samples to work</i>	Dr Samantha Travers , University of New South Wales <i>An alternate approach to defining large trees: using tree size and probability of hollow occurrence</i>	Peter Jamieson , Managing Director, Anditi Pty Ltd <i>Learnings in Using LiDAR, Imagery and Machine Learning in Mapping and Characterising Vegetation Characteristics</i>
1205-1210				Nicole Bezemer , Phd Candidate, University of Western Australia <i>Sex on the Rocks: Genetic Consequences of Recruitment after Wildfire in a Granite-endemic Tree</i>	

1210-1215				Discussion		
1215-1220	Dr Adam Frew , Postdoctoral Research Fellow, Charles Sturt University <i>Mycorrhizal mitigation of root menaces: arbuscular mycorrhizal fungi increase plant silicon and stimulate insect immunity</i>	Kaye Currey , Student University of Melbourne <i>Mitigating human-wildlife conflict at urban flying-fox camps</i>		Esther Dale , Landcare Research & University of Otago <i>Diversification is not associated with biome niche conservatism in Australian Acacia</i>	Charlotte Mills , Phd Candidate, Centre For Ecosystem Science, UNSW <i>Remote sensing reveals that extirpation of a top predator dampens vegetation response to rainfall</i>	
1220-1225		Corey Callaghan , Phd Candidate University of New South Wales <i>A bird in the bush is worth \$223,851 in the hand</i>				
1225-1230						
1230-1330	Lunch (Tuesday)					
1240-1320	Information session for potential future Champions/participants of the EcoEd program , Brokenback Room					
1330-1530	SYMPOSIUM: Microscopic interactions with macroscopic effects - the role of micro-organisms in maintaining and monitoring the health of macro-communities and organisms (Part 1)	SYMPOSIUM: Novel methods for identifying and managing refuges across scales and ecosystems	Ecological Modelling (Plants)	Restoration Ecology (1)	Landscape Ecology (2)	Community Ecology
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room	Cypress 3 Room
CHAIR	<i>Jen Wood</i>	<i>April Reside</i>	<i>Belinda Medlyn</i>	<i>Sam Grover</i>	<i>Grant Wardell-Johnson</i>	<i>Amy Churchill</i>
1330-1345	Associate Professor Jeff Powell , Western Sydney University <i>A trait-based understanding of mycorrhizal fungal dynamics in Australian environments</i>	Dr Euan Ritchie , Deakin University <i>Ecological safe houses: refuge from predation</i>	Associate Professor Daniel Stouffer , University of Canterbury <i>The dimensionality of competition in plant communities</i>	Dr Nick Schultz , Research Fellow, Federation University Australia <i>Plant traits help explain species' success in arid woodland restoration after mining</i>	Peta Zivec , Phd Candidate Griffith University <i>Resilience of semi-arid riparian vegetation to grazing and climate change.</i>	Dr John Morgan , Lecturer, La Trobe University <i>Do phenotypic traits of grassland annuals predict their abundance in old-fields recovering from cultivation?</i>
1345-1400	Dr Eleonora Egidi , Postdoc, Latrobe University <i>Unraveling the Australian Grassland Mycobiome: diversity and distribution of soil fungal communities from grassy ecosystems</i>	Dr Samantha Capon Senior Lecturer / Research Fellow Griffith University <i>The thin green line: managing riparian zones as refuges for biodiversity in human-dominated landscapes</i>	Elizabeth Trevenen , Phd Student University of Western Australia <i>Simulating the effect of plant soil feedbacks on the resilience of plant communities.</i>	Dr Miriam Muñoz-Rojas , Research Fellow University of Western Australia <i>The Soil Program of the Restoration Seedbank Initiative project: addressing knowledge gaps in dryland restoration</i>	Michelle Gibson , Phd Student, University of Queensland; Dept. of Biosciences, Durham University, UK <i>Where nothing stands still: evidence of widespread fluctuations in Australian arid-zone birds</i>	Dr Tanya Mason , Research Fellow University of New South Wales <i>Predicting persistence of upland swamp plant communities after underground mining</i>
1400-1415	Dr Ben Moore , Senior Lecturer Western Sydney University <i>How does the gastrointestinal microbiome benefit and constrain the feeding ecology of the koala?</i>	Dr Luke Collins , Research Fellow La Trobe University And The Arthur Rylah Institute <i>Mapping and modelling patterns in wildfire refuge using satellite imagery</i>	Dr Michael Renton , Senior Lecturer University of Western Australia <i>Exploring the evolutionary dynamics of phenotypic plasticity with a functional-structural plant root model</i>	Fiamma Riviera , Phd Student The University of Western Australia <i>Comparison of floristic and functional patterns and drivers in post-mining restoration of kwongan shrublands</i>	Naomi White , Centre for Biodiversity and Conservation Science, University of Queensland <i>Impacts of spatial and temporal landscape utilisation patterns on a canid species</i>	Susan Everingham , Phd Student University of New South Wales <i>Native plant colonisation in urban, disturbed habitats</i>
1415-1420	Dr Rachel J. Standish , Senior Lecturer Murdoch University <i>Roots 'n' all response to plant invasion in an experimental microcosm</i>	Dr April Reside , Postdoctoral Research Fellow University of Queensland <i>On the rocks: mapping rocky habitats, their threats and conservation status</i>	Tianxiao Hao , Student, The University of Melbourne <i>When do ensemble species distribution models perform well relative to single algorithm models?</i>	Tai White-Toney , Phd Candidate, University of Notre Dame Australia <i>When things don't add up: unexpected establishment patterns of dominant trees in jarrah forest rehabilitation</i>	Manisha Bhardwaj , Phd Candidate University of Melbourne <i>Artificial night-time lighting influences the use of wildlife crossing structures by insectivorous bats</i>	Dr Andrew Letten , Stanford University <i>Environmental variability and non-linear responses to competition interact to affect species coexistence in nectar yeasts</i>
1420-1425			Dr Cindy Hauser , University of Melbourne <i>Maximising the benefit of emerging technologies for ecological survey</i>		Dr Justin SH Wan , University of New South Wales <i>Is loss of competitive ability a cost of adaptation to extreme and stressful environments?</i>	
1425-1430			Evan Curtis , Assistant Project Officer NSW Office Environment & Heritage <i>Does intra-stand competition drive E. camaldulensis canopy condition in Murray Valley National Park, NSW?</i>		Mark Hall , Phd Candidate, La Trobe University <i>Landscape diversity of birds is enhanced by retaining key natural components in rural environments</i>	

1430-1445	Lucie Semeneć , Phd Candidate, La Trobe University Adaptive evolution of electrogenic syntrophy between <i>Geobacter sulfurreducens</i> and <i>Pseudomonas aeruginosa</i> : from friend to foe?	Lauren Young , Phd Candidate, University of Sydney, CSIRO <i>Defining and delineating drought refuges of a threatened desert rodent, <i>Pseudomys australis</i></i>	Dr Mitchell Lyons , Postdoc/lecturer University of New South Wales <i>Model based approaches for vegetation classification and mapping</i>	Tom Kayem Executive Director Institute for Applied Ecology <i>Using plant traits to predict reintroduction success of endangered species</i>	Professor George Perry , University of Auckland Metapopulation dynamics in a disconnected world	Dr Jodi Price , Charles Sturt University <i>Species richness of temperate grasslands around the world is primarily driven by species pool size</i>
1445-1500	Laura Castaneda-Gomez , Phd Candidate, Hawkesbury Institute for the Environment, Western Sydney University Mycorrhizal belowground substrate preferences over time: Does elevated CO2 matter?	Dr Natalie Briscoe , Research Fellow University of Melbourne <i>Using eco-physiological models to identify refuges from invasive predators</i>	Trace Martyn , Phd Candidate The University of Queensland <i>The importance of neighbour identity in modelling higher-order interactions in annual plant communities.</i>	Timothy Staples , Phd Student University of Queensland <i>Acacia and Eucalyptus interactions and growth in diverse planted forests</i>	Boyd Wright , The University of New England <i>Relationships between fire severity and recruitment of wapuati (<i>Aluta maisonneuvei</i> (Myrtaceae)), an obligate-seeding desert shrub</i>	Rachel Leihy , PhD Student Monash University <i>Differing processes structure alien and indigenous assemblages on sub-Antarctic islands</i>
1500-1515	Discussion	Dr Geoffrey Heard , Charles Sturt University <i>Can habitat management mitigate disease impacts on threatened amphibians?</i>	James Brock , Phd Candidate University of Auckland <i>Modelling the influence of the silver fern (<i>Cyathea dealbata</i>) in northern New Zealand broadleaf-podocarp forests</i>	Clayson Howell , Scientist Department of Conservation, NZ <i>Mountain beech seedling establishment after aerial herbicide application for <i>Pinus contorta</i> control.</i>	Anindita Roy , PhD Candidate, Macquarie University <i>Assessing climate change impacts on habitat suitability for migratory birds in the Central Asian Flyway</i>	Associate Professor Stephen Bonser , UNSW Sydney <i>What is the value of shade avoidance plasticity in plants?</i>
1515-1520		Dr Ben Scheele , Post Doctoral Researcher The Australian National University <i>Niche contractions in declining species: mechanisms underpinning refugia</i>		Dr John Dwyer , Lecturer CSIRO and UQ <i>Intra-specific competition slows tree growth more than low rainfall in secondary brigalow forests</i>		Christiana McDonald-Spicer , PhD Candidate The Australian National University <i>Identifying refugia: community and species level approaches</i>
1520-1525						Sarah Luxton , Phd Student, Curtin University <i>Automating vegetation types: a step towards identifying refuge's in the Mediterranean forests of south-western Australia</i>
1525-1530						Dr Claire Foster , Australian National University <i>Ecosystem consequences of highly abundant macropods</i>
1530-1600	Afternoon tea (Tuesday)					
1600-1800	SYMPOSIUM: Microscopic interactions with macroscopic effects - the role of micro-organisms in maintaining and monitoring the health of macro-communities and organisms (Part 2)	SYMPOSIUM: Invertebrate ecology of managed grasslands - addressing the new challenges	SYMPOSIUM: Putting ecology to work at the land development frontier	Restoration Ecology (2)	Marine and Freshwater Ecology	Disturbance Ecology (Fire)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room	Cypress 3 Room
CHAIR	<i>Anna Hopkins / Anna Richards</i>	<i>Michael Rostas</i>	<i>Heini Kunjala</i>	<i>Robin Hale</i>	<i>Christopher Doropoulos</i>	<i>Alan Andersen</i>
1600-1615	Dr Stanley Bellgard , Plant Pathologist Landcare Research Nz Ltd. <i>New Zealand kauri <i>Agathis australis</i> under threat from <i>Phytophthora</i>, over-utilisation and fragmentation</i>	Dr Bernard Doube , Director, Dung Beetle Solutions International <i>Selecting, introducing and establishing two new dung beetle species in southern Australia</i>	Dr Heini Kunjala , University of Melbourne <i>Combating 'Death by thousand cuts' through strategic planning</i>	Dr Lydia Guja , Centre for Australian National Biodiversity Research <i>Seed dormancy is unexpectedly common among grassy ecosystem flora: a meta-analysis</i>	Dr Christopher Doropoulos , Postdoctoral Research Fellow, CSIRO <i>Predicting coral reef recovery potential by quantifying meso- to micro-scale recruitment bottlenecks</i>	Professor Patricia Werner , Australia National University <i>Savanna canopy trees under fire: Stage-based matrix population model, transient dynamics, and long-term persistence</i>
1615-1630	Angus Carnegie , Principal Research Scientist NSW Department of Primary Industries <i>Myrtle rust – impact on native Australian Myrtaceae and associated plant communities</i>	Dr Michael Cripps Agresearch Thistle phylogeny determines host plant utilisation and biocontrol potential of <i>Cassida rubiginosa</i>	Dr Katherine Selwood University of Melbourne <i>Identifying development impacts and conservation opportunities on a remote oceanic island</i>	Dr Lorena Ruiz Talonia , University of New England <i>Seed germination constraints of species native to north-western NSW and their implications for direct seeding</i>	Michaela E. Larsson , Phd Candidate, University of Technology Sydney <i>Marine microalgae on the move: Assessing temperate range extension of the neurotoxin producing genus <i>Gambierdiscus</i></i>	James Barker , Phd Student University of Wollongong <i>Positive severity feedback between consecutive fires in dry eucalypt forests of southern Australia</i>
1630-1645	Dr Anna Hopkins , Lecturer Edith Cowan University Drought alters the rhizosphere fungi in two contrasting Mediterranean Type Ecosystems	Dr Barbara Barratt , Principal Scientist Agresearch <i>Invertebrate biodiversity in pasture: can it be enhanced to reduce pest pressure?</i>	Dr Mirela G. Tulbure , Senior Lecturer, University of New South Wales <i>The impact of land use change and hydroclimatic variability on landscape connectivity dynamics</i>	Dr Robin Hale , University of Melbourne <i>Mitigating maladaptive habitat selection to improve ecological restoration</i>	Le Ma , PhD Candidate, Murdoch University The demography of the freshwater mussel, <i>Westralunio carteri</i> , in south-western Australia	Jane Williamson , Student Australian Catholic University <i>Compliance with habitat maintenance fire-interval guidelines in Land Management Zones</i>

1645-1650	Orsolya Decker , La Trobe University <i>Digging and cycling – How native mammals' decline impact nutrient cycling in Australia?</i>	Colin Ferguson , Scientist Agresearch Ltd <i>Does current forage germplasm have the potential to develop more persistent agricultural ecosystems?</i>	Associate Professor Martine Maron , The University of Queensland <i>What does no net loss mean?</i>	Lauren Svejcar , Phd Candidate Murdoch University <i>Can facilitation between plants help ecological restoration after sand mining?</i>	Sofie Voerman , Phd Student, Uts, SoE <i>Mechanisms behind the spread of a native macroalga</i>	Paul Foreman , PhD. Candidate La Trobe University <i>Multiple evidence of Aboriginal burning in lowland, mesic grassy ecosystems of south-eastern Australia</i>
1650-1655	Erinne Stirling , Phd Candidate, The University of Adelaide <i>Post fire soil and litter decomposition dynamics under native and pine forest reserves</i>			Discussion		
1655-1700	Discussion					
1700-1715		Dr Philippa Gerard , Senior Scientist AgResearch <i>From sporadic to persistent: the rise in pest status of <i>Heteronychus arator</i> in New Zealand</i>	Dr Ascelin Gordon , Senior Research Fellow RMIT University <i>The challenge of no net loss: a framework for evaluating biodiversity offset policies</i>	Dr Jack Pascoe , Conservation and Research Manager Conservation Ecology Centre <i>Cape Otway Ecological Burns Program</i>	Dr Holly Kirk , Post Doctoral Research Assistant, RMIT University <i>Structural equation models for understanding decision making in movement ecology: A seabird case study</i>	Dr Richard Davies , Dept. Environment, Water & Natural Resources <i>A multifaceted approach to recovery of endangered plants in endangered South Australian swamps</i>
1715-1720		Dr Federico Tomasetto , Scientist, Agresearch Ltd, NZ <i>Functional biodiversity in New Zealand pasture: studying a ryegrass pest via stable isotopes analysis</i>	Florence Damiens RMIT University <i>What have we been offsetting? Understanding the evolution of biodiversity offset policies in France and Australia</i>		Simone Stevenson , Phd Student Deakin University <i>Do marine protected areas safeguard human interest at the cost of biodiversity?</i>	Jemima Connell , Phd Candidate La Trobe University <i>Come hell or high water: Do climatic extremes influence bird responses to time since fire?</i>
1720-1725		Discussion			Discussion	
1725-1730						
1730-1745		Dr Michael Rostas , Senior Lecturer Bio-protection Research Centre <i>Ants contribute to pollination but not reproduction in the calcareous grassland herb <i>Euphorbia sequieriana</i></i>	Megan Evans , Postdoctoral Research Fellow, The University Of Queensland <i>Enabling strategic offsetting in Australia: lessons from current policy and practice</i>			Dr Simon Watson , La Trobe University <i>The long and the short of it: responses of semi-arid plants to time-since-fire and fire-interval"</i>
1800-1815	ESA PHOTO COMPETITION (ANNOUNCEMENT OF WINNERS) Cypress #2					
1815-1845	ESA AGM (Cypress #2)					
1815-1845	NZ ES AGM (Cypress #3)					
1900-2000	NETWORKING EVENT: NIGHT MARKETS: The Event Centre					
1930-2100	HOLSWORTH ALUMNI EVENT: Where are they now? our personal life (Brokenback Room) - Holsworth Alumni only					

Wednesday, November 29, 2017

0630-0730	Morning Yoga with Michael Renton (Bistro Lawns)				
	PLENARY SESSION 4				
ROOM	The Convention Centre				
CHAIR	Dieter Hochuli				
0900-0925	ESA PRESIDENT'S ADDRESS, Don Driscoll				
0925-0950	2016 TNC Applied Conservation Award Winner Presentation, <i>Animal-centric habitat restoration in Tasmania</i> , Rowena Hamer , The University of Tasmania, TAS				
0950-0955	Presentation of 2017 Jill Landsberg Trust Fund Scholarship, Al Healy , The University of Queensland, Qld				
0955-1010	2016 Jill Landsberg Trust Fund Scholarship Presentation, Samantha McCann , The University of Sydney, NSW				
1010-1025	2016 Wiley Fundamental Ecology Award Winner Presentation, Joshua Thia , The University of Queensland				
1025-1040	2017 Applied Forest Ecology Presentation, Rylea McGlusky , University of the Sunshine Coast				
1040-1100	Morning Tea (Wednesday)				
1100-1300	SYMPOSIUM: Vulnerability and resilience of grasslands in Oceania to climate change	SYMPOSIUM: Communicating ecology to a broad audience - novel ideas and approaches	SYMPOSIUM: Effectiveness monitoring (Part 1)	Forest Ecology (1)	Invasion Ecology
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 3 Room
CHAIR	Elise Pendall	Kirsten Parris	Sacha Jellinek	Enma Gorrod	Carla Sgro

1100-1115	Associate Professor Sally Power Western Sydney University <i>Too much, too little or too late? Understanding grassland responses to altered rainfall regimes</i>	Dr Kirsten Parris , Associate Professor The University of Melbourne <i>Small, green and brown animals with wet skin - in the city!</i>	Sarah Munks , Forest Practices Authority <i>Monitoring the effectiveness of forest practices to conserve biodiversity in western North America: lessons for Australian forest management</i>	Dr Martyna Kotowska , Macquarie University <i>Exploring the limits of nutrient recycling: Comparing wood versus leaf tissue budgets</i>	Dr Alexandra J. R. Carthey , Research Fellow Macquarie University <i>Australian native and exotic plant volatile organic chemicals under ambient and elevated CO2</i>
1115-1130	Susanna Bryceson La Trobe University <i>Light and shade: investigating paleo- and neo-grasses, dappled light, and ancient Australian flora</i>	Dr Georgia Garrard RMIT University <i><We need to talk about talking about triage> OR The way we say stuff matters</i>	Dr Brad Law , Principal Research Scientist Department of Industry-lands And Forestry <i>Initial trends from landscape monitoring of biodiversity in Pilliga forests</i>	James McCarthy , Phd Student The University of Queensland / CSIRO <i>Community composition, primary productivity and metabolic theory of ecology in Australia</i>	Dr Bruce Burns , Senior Lecturer University of Auckland <i>Effects of Phytophthora agathidicida infection on the composition and structure of Agathis australis forest</i>
1130-1145	Dr Susanna Venn Australian National University <i>Is facilitation the underlying mechanism of shrub encroachment in alpine areas?</i>	Associate Professor Dieter Hochuli , The University of Sydney <i>Escaping ecology's echo chamber: communicating an outside science to the outside world</i>	Dr Perpetua Turner , Forest Practices Authority <i>How effective are management strategies for the rare Keeled snail?</i>	Sarah McColl-Gausden , University of Melbourne <i>To burn or not to burn: How does forest type and age influence flammability?</i>	Kaining Chen , Nanjing Institute of Geography and Limnology, Chinese Academy of Sciences <i>The contribution of seeds to the recruitment of a Nymphoides peltata population</i>
1145-1200	Dr David Whitehead , Scientist Landcare Research <i>Vulnerability of carbon storage in New Zealand's grasslands to management and climate change</i>	Deborah Metters , Healthy Land & Water <i>Membership survey results correlate environmental, social and health benefits of the Land for Wildlife program.</i>	Dr Rod Kavanagh , NSW Senior Ecologist Australian Wildlife Conservancy <i>Monitoring ecological health of the Pilliga forests in north-western NSW</i>	Kate Parkins , Phd Candidate University of Melbourne <i>How high do they go? A low-cost tracking device for measuring animal movement in three-dimensions.</i>	Dr Bronwyn Hradsky , Research Fellow, University of Melbourne <i>Foxy agents – a simulation model for invasive predator management</i>
1200-1215	Dr Uffe N. Nielsen , Senior Lecturer Hawkesbury Institute For The Environment, Western Sydney University <i>The legacy of rainfall regime in Australian dryland ecosystems</i>	Dr Tanja Beer , Post-doctoral Research Fellow, University of Melbourne <i>Facilitating nature connection and extending biodiversity knowledge through hands-on arts-science experiences</i>	Dr Craig Nitschke , Senior Research Fellow University of Melbourne <i>Monitoring does not guarantee effective conservation: lessons from 20 years of monitoring a threatened forb</i>	Bridget Roberts , University of Wollongong <i>The effect of fire frequency and logging on forest reptiles in south-eastern Australia</i>	Dr Jayna De Vore , Postdoctoral Research Associate, University of Sydney <i>Their own worst enemy: Targeted cannibalism incentivizes high-cost developmental acceleration in cane toad hatchlings</i>
1215-1220	Associate Professor Andy Le Brocq , University of Southern Queensland <i>Drivers of grassland resistance and recovery to long term drought</i>	Dr Simon Torok , Director Scientell Pty Ltd <i>Communicating contested science</i>	Dr Sacha Jellinek , La Trobe University <i>Monitoring restoration survival in agricultural landscapes</i>	Sarah Sapsford , Phd Candidate Murdoch University <i>Biotic and abiotic factors predisposing Corymbia calophylla trees to canker disease</i>	Esti Palma , Phd Student University of Melbourne <i>Functional traits of invasive plants relate to multiple dimensions of invasiveness</i>
1220-1225					Dr Eddie Van Etten , Senior Lecturer, Edith Cowan University <i>Patterns of invasion of pines and bluegums into forests and woodlands of southwest Australia</i>
1225-1230					Guyo Gufu , Phd Candidate Macquarie University <i>Global change impacts on freshwater systems</i>
1230-1235	Prof Belinda Medlyn , Hawkesbury Institute for the Environment, Western Sydney University <i>Modelling the Prairie Heating and CO2 Experiment (PHACE): Lessons for Australian Grasslands</i>	Patrick Tegart , NSW Office of Environment and Heritage <i>Understanding motivations of citizen science participants</i>	Mike Bowie , Lincoln University <i>Back to the future: restoring Ecosystem Services on NZ dairy farms through native plantings</i>	Dr Jennifer Taylor , Senior Lecturer In Science Australian Catholic University <i>Eucalypt biomass in relictual woodlands: the problems of using current equations</i>	Laura Fernandez , Phd Student Macquarie University <i>Is the invasive pathogen myrtle rust having an impact on Australian native vegetation?</i>
1235-1240		Paul Holper , Scientell <i>Communicating ecology to young people – via books, magazines, apps and online</i>			
1240-1245		Dr Sam Nicol , CSIRO <i>Making conservation connections: experiences from applying innovation thinking to a conservation challenge</i>			

1245-1250	Discussion	Lindall Kidd , Phd Student, RMIT University <i>Messaging matters: maximizing impact in conservation campaigns</i>	Nicole Hansen , Phd Candidate Australian National University <i>Testing predation risk on reptiles using replica models in an agricultural landscape</i>	Dr Tim Wills , Principal Botanist GHD <i>Koondrook-Perricoota Forest Vegetation Condition Monitoring Program: Long-term vegetation response to flood and drought</i>		
1250-1255		Emily Gregg , RMIT University <i>What are the barriers to community buy-in of threatened species conservation in Australia?</i>				
1255-1300		Dr Ayesha Tulloch , Research Fellow, University of Queensland <i>How and when should researchers be sharing biodiversity data?</i>				
1300-1400	Lunch (Wednesday)					
1310-1345	HT Editorial Board Meeting (Cypress 1 Room)					
	PLENARY SESSION 5					
ROOM	The Convention Centre					
CHAIR	Don Driscoll					
1400-1445	Australian Ecology Research Award (AERA) PRESENTATION: Dr Richard Fuller, University of Queensland					
1445-1520	THE NEED FOR SPEED: Featured Speed Talks					
	Laura Fernandez, Macquarie University Lindall Kidd, RMIT University Professor Adrienne Nicotra, Australian National University Dr Ayesha Tulloch, The University of Queensland					
1520-1530	OEH/ESA Outstanding outreach award recipient 2016 presentation, Marie Dade, The University of Queensland					
1530-1600	Afternoon tea (Wednesday)					
1600-1800	SYMPOSIUM: Assisted migration under climate change	SYMPOSIUM: Novel management interventions for threatened species	SYMPOSIUM: Effectiveness Monitoring (Part 2)	Global Change	Invasion Ecology (Plants)	Open session (4)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room	Cypress 3 Room
CHAIR	Paul Rymer	Heidi Zimmer	Perpatua Turner	David Tissue	Bruce Burns	Ben Moore
1600-1615	Dr Paul Rymer , Hawkesbury Institute for the Environment, <i>Fitness consequences of assisted migration: Insights from historic provenance trials of Australian woody species</i>	Dr Jen Silcock , Post-doctoral Researcher University of Queensland <i>A review of plant translocations for species conservation in Australia</i>	Freya Thomas , RMIT University, The University of Melbourne <i>A field ecologist's adventures in the virtual world: using simulations to design data collection</i>	Professor Dave Kelly , University of Canterbury, NZ <i>How will climate change affect reproduction in mast-seeding plants? The answer depends on weather/resources interactions</i>	Professor Kris French , University of Wollongong <i>Special Relationships: Lianas feed off young tree seedlings</i>	Professor Mark Westoby , Professor Emeritus Macquarie University <i>Individual protein quantities in eucalypt leaves across eastern Australia</i>
1615-1620	Katie Rolls , Student, Western Sydney University <i>What determines species distribution limits and local adaptation in Acacia along an altitudinal gradient?</i>	Dr Peter Cuneo , Royal Botanic Gardens & Domain Trust <i>A new life away from the airport runway? – translocating Hibbertia puberula subsp. Glabrescens</i>	Clair Dougherty , Conservation Planner Bush Heritage Australia <i>Researcher + Practitioner = Adaptive Manager</i>	Ellen Curtis , Final Year PhD Student University of Technology Sydney <i>Do thermally protective traits of arid-zone plants covary with physiological thermal tolerance in multi-trait space?</i>	Dr Luke O'Loughlin , Postdoctoral Fellow, The Australian National University <i>Integrating cross-taxonomic metrics to determine the overall impact of an invasive species and its management</i>	Roland Eveleens , Student University of Canterbury <i>Does the past matter? The influence of disturbance history on community resistance to future disturbances</i>
1620-1625		Dr Nathan Emery , The Australian Botanic Garden Mount Annan <i>The ecology informing translocations of the critically endangered Persoonia pauciflora</i>				
1625-1630		Dr Sarah Barrett , Department of Biodiversity, Conservation and Attractions <i>Re-introducing a threatened banksia into a Phytophthora cinnamomi infested montane habitat in Western Australia</i>				

1630-1645	Dr Collin Ahrens , Postdoctoral Researcher, HIE, Western Sydney University <i>Identification of adaptive variation associated with climate for the improvement of adaptive management strategies</i>	Dr Anne Cochrane , Department of Biodiversity, Conservation and Attractions <i>Are laboratory-based investigations enough to support on-ground management actions in a resource-limited space?</i>	Dr Angie Haslem , Research Fellow La Trobe University <i>Lessons from large-scale monitoring programs in Victoria: how can future monitoring be improved?</i>	Associate Professor Ian Wright , Macquarie University <i>Global Climatic Drivers of Leaf Size</i>	Decky Junaedi , Phd Student, CEBRA, School of Biosciences, University Of Melbourne <i>Traits-based approaches for naturalized exotics from tropical botanic gardens: detection and assessment</i>	Erica Odell , Griffith University <i>A comparison between lianas and trees in supporting rainforest insect herbivory</i>
1645-1700	Dr Margaret Byrne , Executive Director Department of Biodiversity, Conservation and Attractions <i>Effects of gene flow and connectivity on signals of adaptation in two riparian plants</i>	Linda Parker , PhD Candidate, University of Melbourne <i>Conservation of Astelia australiana through manipulation of the understory light environment in cool temperate rainforest</i>	Dr Chris Jones , Arthur Rylah Institute <i>Demonstrating outcomes of environmental flows</i>	Dr Shaun Levick , CSIRO Land and Water <i>Rapid response of habitat structure and woody biomass to altered fire regimes in tropical savanna</i>	Samiya Tabassum , Phd Student, Macquarie University <i>Greater dispersal ability and faster germination towards range edges of an invasive plant species</i>	Tamara Potter , Student University of Sydney <i>Who killed the wolf spider? Intraguild predation among taxonomically disparate micro-carnivores</i>
1700-1715	Dr Kathryn Hodgins , Lecturer Monash University <i>The Genomic Basis of Climate Adaptation in Lodgepole Pine and Interior Spruce</i>	Professor Michelle Leishman , Macquarie University <i>Assessing and managing climate change threats to threatened species and ecological communities</i>	Phil Papas , Department of Environment, Land, Water And Planning <i>Relieving the pressure – demonstrating the effectiveness of environment water in Victoria’s wetlands</i>	Dr Rachael Gallagher , Decra Fellow, Macquarie University <i>Quantifying the vulnerability of Australian vegetation to climate change using realised niche limits</i>	Samantha Barron , Phd Student, Federation University Australia <i>Combining physiology and plant traits to model habitat suitability and plant success of Acacia longifolia</i>	Dr Maggie Watson , Charles Sturt University <i>A complicated symbiosis: understanding the parasitic-mutualistic continuum between Temnocephala and crayfish</i>
1715-1730	Associate Professor Brendan Choat Western Sydney University <i>Coordination of hydraulic traits in two Hakea species growing across a climatic gradient</i>	Dr Joanne Ocock , Environmental Scientist, NSW Office of Environment and Heritage <i>Going with the flow: optimising water management in regulated wetlands for native frogs</i>	Dr Elisa Bayraktarov , Postdoctoral Research Fellow, The University Of Queensland <i>How are Australia’s threatened birds going? Introducing a national threatened species population index</i>	Dr Katinka Ruthrof , Research Scientist, Botanic Gardens And Parks Authority <i>Tree die-off meets coral bleaching in massive terrestrial-marine multi-taxa heat wave jolt</i>	Maia Raymundo University of Queensland <i>The effects of experimental water addition and dispersal exclusion on invaded annual plant community assembly</i>	Dr Noel Preece , Director Biome5 Pty Ltd <i>Northern Australia’s faunal extinction modelling based on too few monitoring sites</i>
1730-1735	Aleksandra Kovacevic , Phd Candidate, Monash University <i>Rate reveals response – a meta-analysis of the dynamics of ectotherm responses to thermal stress</i>	Nicola Palmer , Australian Wildlife Conservancy <i>A comparison of wild-to-wild and zoo-to-wild Numbat reintroductions into a predator-free enclosure in Western Australia</i>	Richard Loyn , Director Eco Insights <i>Management solutions responding to effectiveness monitoring at a Ramsar-listed wastewater treatment plant.</i>		Rogini Rungghen , Phd Student University of Canterbury <i>Exploring how different types of visitors contribute to the spread of alien species</i>	Dr Casey Hall , Western Sydney University <i>Alkaloid diversity increases with aridity in a genus of rainforest trees</i>
1735-1740		Dr Bryony Horton , National Parks & Wildlife Service <i>Contemporary approaches to conservation in protected areas; government initiatives and the role of science</i>				
1740-1745		Discussion				
1745-1750	Associate Professor Carla Sgro , Monash University <i>Responding to environmental change: plasticity or evolution?</i>	Dr Amy Coetsee , Threatened Species Project Officer, Zoos Victoria <i>On the cusp of recovering the mainland Eastern Barred Bandicoot</i>	Discussion			
1750-1755						
1755-1800						
1900-2300	Conference Dinner, Poolside marquee, Cypress Lakes					

Thursday, November 30, 2017

	PLENARY SESSION 6					
ROOM	The Convention Centre					
CHAIR	Clayson Howell					
0900-0945	KEYNOTE PRESENTATION Te Tohu Taiao Award Presentation: How well is New Zealand doing in reporting the state and trends of its biodiversity?, Dr Peter Bellingham , Landcare Research, New Zealand					
0945-1030	KEYNOTE PRESENTATION:2016 NZ Ecology in Action Award, Pest eradication and returning lost species leads to successful island restoration, Dr Chris Green , Technical Adviser, Threats, Department of Conservation, New Zealand					
1030-1100	Morning Tea (Thursday)					
1100-1300	SYMPOSIUM: Assessing risks to ecosystems - research and applications	SYMPOSIUM: Changing Australia: emerging trends, trade-offs and synergies of landscape transformation in rural Australia	SYMPOSIUM: Enabling Ecosystem Surveillance Monitoring across Australia – putting ecology to work	Ecological Modelling (3)	Conservation Biology (3)	Forest Ecology (2)
ROOM	Brokenback Room	Wattagan Room	Sugarloaf Room	Bimbadeen Room	Cypress 2 Room	Cypress 3 Room
CHAIR	David Keith	Jim Radford	Noel Preece	Remko Duursma	Abbey Camaclang	Jennifer Taylor

1100-1105	Prof David Keith Professor of Botany, Centre for Ecosystem Science, University of NSW <i>Towards a global typological framework for ecosystems</i>	Dr James Radford , Principal Research Fellow, La Trobe University <i>Landscape transformation in rural Australia: emerging trends and interventions to increase ecological and social sustainability</i>	Professor Glenda Wardle , Professor in Ecology And Evolution The University Of Sydney <i>EMMA: Next generation ecosystem monitoring and forecasting for Australia</i>	Associate Professor Will Cornwell, University of New South Wales <i>Connecting community ecology theory to traits</i>	Andrew Denham NSW Office Of Environment & Heritage <i>What impact does black rat seed predation have on plant populations on Lord Howe Island?</i>	Professor Angela Moles University of New South Wales <i>Evidence of a substantial step in plant traits at the edge of the tropics</i>
1105-1110						
1110-1115						
1115-1130	Dr Nicholas Murray , Senior Research Fellow, University of New South Wales <i>Introducing REMAP: a free, online remote sensing application for generalized ecosystem mapping</i>	Professor Barry Brook , Laureate Fellow University of Tasmania <i>Forecasting global land-use change due to future food demand</i>	Dr Aaron Greenville University of Sydney <i>Biodiversity responds differently to increased extreme environments in grassland, savanna and forest biomes</i>	Professor Melodie McGeoch , Monash University <i>The ecology of turnover using zeta diversity</i>	Dr Mark Ooi , Senior Research Fellow, University of New South Wales <i>Comparison of a rare Leucopogon and two common congeners: impacts of fire season and frequency</i>	Dr Kevin Burns , Associate Professor, Victoria University Of Wellington <i>Size changes in island plants: independent trait evolution in Alyxia ruscifolia on Lord Howe Island</i>
1130-1145	Jessica Rowland , PhD Candidate Deakin University <i>Selecting and applying indicators of ecosystem collapse for risk assessments</i>	Dr Jessie Buettel , Director of Research University of Tasmania <i>Modelling land-use change in Australian IBRA regions</i>	Pete Lyon , Department of the Environment and Energy <i>What does Ecosystem Surveillance Monitoring mean within the Commonwealth Department of the Environment and Energy?</i>	Dr John Baumgartner , Macquarie University <i>Handling coordinate uncertainty in habitat suitability modelling</i>	Dr Pia Lentini , Research Fellow The University of Melbourne <i>Using historic distributions to inform management of the kakapo as a refugee species</i>	Tyler Coverdale , Graduate Student Princeton University <i>Good defenses make good neighbors: exploring the broader implications of associational defenses in savannas</i>
1145-1200	Dr Ayesha Tulloch , Research Fellow University of Queensland <i>Accurately measuring degradation due to change fire regimes to inform IUCN Red-Listing and ecosystem recovery</i>	Valerie Gibson , PhD Candidate Latrobe University <i>Community health and wellbeing with landscape transformations in Australia</i>	Emily McColl-Gausden , Masters Student, The University of Melbourne <i>Improving the accuracy of freshwater biodiversity surveys: a comparison between environmental DNA metabarcoding and electrofishing</i>	Lee Belbin , Advisor The Atlas of Living Australia <i>A New Paradigm for Australia's Bioenvironmental Data?</i>	Susan Rutherford , PhD Student, University of New South Wales <i>From environmental niche modelling to phylogenetics and functional traits: understanding ecological specialisation in Eucalyptus</i>	Dr Yanbin Deng , Terrestrial Ecologist Waikato Regional Council <i>Restoration and monitoring Kahikatea forest remnants in the Waikato region</i>
1200-1205	Dr Emma Burns , Director, The Australian National University <i>A mountain ash forest ecosystem assessment highlights extreme risk of collapse within 50 years</i>	Dr Anna Richards , Research Scientist CSIRO Land and Water <i>Trade-offs between grass diversity and greenhouse gas emissions under different fire regimes in tropical savannas</i>	Professor Richard Kingsford , The University of New South Wales <i>Taking the pulse of our rivers and wetland – role of long term waterbird surveys</i>	Dr Guadalupe Peralta , University of Canterbury <i>Revisiting the link between network structure and stability of mutualistic communities</i>	Dr Iadine Chades , Research Scientist CSIRO <i>Maximising the value of information from adaptive management under the Saving Our Species program</i>	Professor David Ellsworth , Professor of Plant Ecophysiology Western Sydney University <i>Phosphorus limits photosynthesis in tropical and subtropical trees on four continents</i>
1205-1210	Dr Tony Auld , Senior Principal Research Scientist, NSW Office of Environment and Heritage <i>Assessing risk of collapse for an arid Acacia Shrubland ecosystem from Australia</i>				Mark Le Pla , Ecologist, Conservation Ecology Centre <i>Fine-scale species distribution models for land-management planning and research prioritisation in the Otways</i>	
1210-1215	Sean Walsh , PhD Student, University of Melbourne <i>Seeding under pressure: Modelling the interaction between fire and seed banks in a changing climate</i>				Discussion	
1215-1220	Professor Steven Chown , Monash University <i>Antarctica and the Strategic Plan for Biodiversity 2011-2020</i>	Al Healy , PhD Student University of Queensland <i>Mapping changes in water availability: a case study of Western Queensland</i>	Professor David Watson , Professor of Ecology, Charles Sturt University <i>Establishing a national acoustic observatory—listening in to Nature at the continental scale</i>	Dr Chantal Huijbers , Training and Scientific Support Officer Biodiversity and Climate Change Virtual Laboratory <i>EcoEd: innovation in training, outreach and engagement leveraging Australia's EcoScience infrastructures</i>	Dr Sjirk Geerts , Senior Lecturer and BTEch coordinator, Cape Peninsula University of Technology <i>Bird pollination in fragmented habitats: long term demographic consequences for their dependent plants</i>	Dr Rose Andrew , Lecturer, University of New England <i>Terpene diversity in Eucalyptus woodlands – structured by species, habitat, or both?</i>
1220-1225						Hannah Etchells , PhD Candidate The University of Western Australia <i>Karri (Eucalyptus diversicolor) forest regeneration following catastrophic wildfire</i>
1225-1230						Mohitul Hossain , The University of Western Australia <i>Drought and provenance effects on the susceptibility of marri (Corymbia calophylla) to a stem canker</i>

1230-1235	Meena Sivagowre Sritharan , Honours Student University of New South Wales <i>Few changes in native Australian alpine plants, despite substantial local climate change</i>	Ms Stephanie Pulsford Australian National University The effect of land use on reptile and frog movement in a grazing landscape	Associate Professor Ben Sparrow , Director - TERN Ausplots And Eco-informatics TERN / The University of Adelaide <i>Ecosystem Surveillance Monitoring in Australia – Why the Glass is half full!</i>		Emma Sumner , Honours Student, La Trobe University <i>Current plant distribution is not a useful predictor of niche requirements of an alpine daisy</i>	Dr Emma Gorrod , Office of Environment and Heritage <i>Trees and hollows in River Red Gum forests</i>
1235-1240					Dr Gary Palmer , Research Fellow, Griffith University <i>Forest fragmentation effects on vertebrate seed predators and rates of post-dispersal seed predation</i>	
1240-1245					Discussion	
1245-1250	Professor Adrienne Nicotra , Australian National University <i>Expert elicitation: Predicting adaptive capacity in Australian mountain plant communities</i>	Dr Samantha Grover , Research Fellow La Trobe University Transdisciplinary research processes as applied to landscape transformation				
1250-1255	Dr Kate Watermeyer , Research Fellow Deakin University <i>Assessing risks to marine ecosystems with indicators, ecosystem models and experts</i>					
1255-1300	Discussion					
1300-1345	Lunch (Thursday)					
	PLENARY SESSION 7					
<i>ROOM</i>	The Convention Centre					
<i>CHAIR</i>	Amy Hahs					
1345-1430	KEYNOTE PRESENTATION Next Generation Ecologist: <i>Mainstreaming text mining for rapid synthesis of biodiversity science</i> , Martin Westgate , Australian National University					
1430-1500	Prizes and Awards					
	Conference Close					
1500-1530	Afternoon tea (Thursday)					
1800-2000	Movie night - TERRA (2015), Brokenback Room					

Friday, December 1, 2017

0730-1700	Field Trip - Upper Riparian and Equine Industry Vegetation Rehabilitation Projects <i>Meet at the lobby of the Convention Centre for 0730 departure</i>
0800-1300	Field Trip - Indigenous Cultural Field Trip <i>Meet at the lobby of the Convention Centre for 0800 departure</i>
0900-1100	Workshop - Media Skills Training <i>Cypress Room 3</i>
0900-1600	Workshop – Innovative tools for mapping and modelling species distributions <i>Cypress Room 1</i>
1000-1200	Workshop - Data Science in monitoring programmes: empowering management and conservation <i>Cypress Room 5</i>
1000-1400	Field Trip - Wine and Cheese in the Hunter Valley <i>Meet at the lobby of the Convention Centre for 1000 departure</i>
1000-1600	Workshop - Nature journaling: a practical way to combine art and science <i>Meet at the lobby of the Convention Centre for 1000 departure</i>