

Monday	Auditorium
8:30 am - 9:00	Welcome, Official Opening
9:00 - 9:45	Keynote: Paul Ehrlich Stanford University, Stanford, United States Conscious Human Evolution: A New Goal for Ecologists
9:45 - 10:30	Keynote: Clive Spash CSIRO Sustainable Ecosystems, Canberra, Australia Articulating and Preserving Environmental Values in a Changing World
10:30 - 11:00	<i>Morning Tea</i>
11:00 - 11:45	Keynote: Rosemary Hill CSIRO, Cairns, Australia Respecting Indigenous Adaptive Management in moving towards sustainability globally
11:45 - 12:30	Keynote: Robyn Williams The Science Show, Australian Broadcasting Corporation, Sydney, Australia Good and Bad News in this Age Of Uncertainty
12:30 - 1:00 pm	Discussion session with speakers as panel
1:00 - 2:00	<i>Lunch</i> EMR MEETING

Monday	Room 5	Room 6	Room 7	Room 8
PM	Open Forum	Symposium 2: Conserving biodiversity in species-rich temperate ecosystems	Symposium 6: Marine connectivity: mechanisms and scales	Open Forum
2:00 - 2:20	<p><u>Nigel Andrew</u> <i>Zoology, University of New England, Armidale, NSW</i> Insect community structure along climatic and evolutionary gradients: implications in a rapidly changing climate</p>	<p><u>T. He, B. B. Lamont, S. L. Krauss, N. J. Enright, B. P. Miller</u> <i>Perth, WA, Australia</i> Correlations between species diversity and genetic diversity of <i>Banksia attenuata</i> (Proteaceae) in the presence of frequent seed dispersal between populations</p>	<p><u>Scott Condie</u> <i>CSIRO Wealth from Oceans Flagship, Hobart, TAS, Australia</i> Modelling and statistical characterisation of connectivity patterns driven by oceanic processes</p>	<p><u>Elizabeth A. Lindsay</u> <i>Entomology, CSIRO, Canberra, ACT, Australia</i> Effect of Management and Vegetation Condition on Ecosystem Processes and Invertebrates within Remnant Grassy Woodlands</p>
2:20 - 2:40	<p><u>Roger Kitching</u> <i>Griffith School of the Environment, Griffith University, Nathan, QLD, Australia</i> The IBISCA-Queensland Project: History, Goals and Progress</p>	<p><u>Fiona Powell, Dieter Hochuli</u> <i>University of Sydney, Australia</i> Are Insects Affiliated with Threatened Acacias at Risk of Coextinction?</p>	<p><u>Craig Styan</u> <i>School of Life & Environmental Sciences, Deakin University, Warrnambool, VIC, Australia</i> Larvae falling short of their potential: multiple lines of genetic evidence suggest restricted dispersal in the intertidal tubeworm, <i>Galeolaria caespitosa</i></p>	<p><u>Jodi Price, Nathan Wong, John Morgan</u> <i>Ecosystem Management, University of New England, Armidale, NSW, Australia</i> How Does Herb-rich Woodland Vegetation 'Recover' After Release From A Century Of Sheep Grazing?</p>
2:40 - 3:00	<p><u>Carla Sgro, Ary Hoffmann</u> <i>School of Biological Sciences, Monash University, Melbourne, Victoria, Australia</i> Using genetic markers to predict and monitor climate change in insects</p>	<p><u>Andrew J. Hamer, Michael J. Mahony</u> <i>Australian Research Centre for Urban Ecology, Royal Botanic Gardens, Melbourne, Melbourne, VIC, Australia</i> Determinants of Patterns and Dynamics in Wetland Usage by the Green and Golden Bell Frog <i>Litoria aurea</i></p>	<p><u>David Ayer</u> The southeastern Australian Point Conception: Does life-history predict population structure and species range limits?</p>	<p><u>John Gollan, Mick Ashcroft, Scott Lassau, Gerasimos Cassis</u> <i>Research - entomology, Australian Museum, Sydney, NSW, Australia</i> Habitat Complexity, Soil Hardness Or Distance From Watering-Point: Which Is The Best Indicator Of Invertebrate Biodiversity In The Pilbara?</p>
3:00 - 3:20	<p><u>Joanne Thompson, Bayden Russell, Sean Connell</u> <i>School of Earth and Environmental Sciences, The University of Adelaide, Adelaide, SA, Australia</i> Managing local human impacts in marine systems under global climate change</p>	<p><u>Zoe Smith, Dave Roberts</u> <i>Australian Research Centre for Urban Ecology, The University of Melbourne, Parkville, Victoria, Australia</i> Using Sighting Data To Infer Extinction Risk And Assess Conservation Status</p>	<p><u>Glenn Hyndes, Paul Lavery, Karen Crawley, Sofie Harrison, Rebecca Ince et al.</u> <i>Edith Cowan University, Joondalup, WA, Australia</i> Pathways of spatial subsidies in the coastal environment: case studies from Western Australia</p>	<p><u>Cynthia M. Roberts, Peter B. McQuillan, Jamie B. Kirkpatrick</u> <i>Geography and Environmental Studies, University of Tasmania, Hobart, Tasmania, Australia</i> Who's Mowing The Lawn? Vertebrate and Invertebrate Grazers Of 'Marsupial Lawns'</p>

Monday	Room 5	Room 6	Room 7	Room 8
3:20 - 3:40	<p>Melinda Laidlaw, Bill McDonald, Roger Kitching, John Hunter, David Putland <i>Qld Environmental Protection Agency, Queensland Herbarium, Brisbane, Qld, Australia</i></p> <p>Monitoring Floristic Shift and Climate Change in Australian Subtropical Rainforest</p>	<p>Ben Miller, Neal Enright, Byron Lamont <i>Dept Environmental Biology, Curtin University, Perth, WA, Australia</i></p> <p>Range Contraction and Conservation Status of <i>Banksia hookeriana</i>, an Endemic, Fire-Killed Shrub of the Eneabba Sandplain, SW WA</p>	<p>Mat Vanderklift, Ken Heck, John Valentine, Thomas Wernberg, Paul Lavery et al. <i>CSIRO Marine & Atmospheric Research, Wembley, WA, Australia</i></p> <p>Cross-Continental Comparison Of Trophic Connectivity Across Seagrass-Reef Ecotones</p>	<p>Nathan Wong, John Morgan <i>Botany, La Trobe University, Bundoora, Victoria, Australia</i></p> <p>Long term Grazing removal from a semi-arid grassland</p>
3:40 - 4:00	Afternoon Tea			
4:00 - 4:20	<p>Stephen Williams <i>School of Marine & Tropical Biology, James Cook University, Townsville, QLD, Australia</i></p> <p>Assessing the vulnerability of biodiversity to global climate change: a case study using Australian tropical rainforests</p>	<p>David Keith, Resit Akcakaya, Wilfried Thuiller, Guy Midgley, Richard Pearson et al. <i>NSW National Parks & Wildlife Service, Hurstville, NSW, Australia</i></p> <p>Predicting Impacts of Climate Change on Biodiversity: A Mechanistic Approach Linking Habitat Models with Population Biology</p>	<p>Thomas Wernberg, Mat Vanderklift <i>Edith Cowan University, Joondalup, WA, Australia</i></p> <p>Movement of detached macroalgaelink near-shore subtidal habitats: Magnitude and spatial extent of trophic connectivity</p>	<p>Margaret Mayfield, Maciej F. Boni, David Ackerly <i>Integrative Biology, University of Queensland, University of Queensland, QLD, Australia</i></p> <p>Traits, habitats and clades: identifying traits involved in the environmental filtering of coexisting plant species</p>
4:20 - 4:40	<p>Michelle Ensbey, Brendan Wintle, Michael McCarthy <i>Botany, University of Melbourne, Melbourne, Victoria, Australia</i></p> <p>How many are there? A comparison of abundance estimators that adjust for individual level detectability</p>	<p>Paul Barber, Katinka Ruthrof, Robert Archibald, Graeme Behn, Neale Bougher et al. <i>BSB, Murdoch University, Perth, WA, Australia</i></p> <p>The severe decline of an iconic Mediterranean ecosystem endemic to Western Australia</p>	<p>Kajsa Mellbrand, Örjan Östman, Peter Hambäck <i>Dept. of Botany, Stockholm University, Stockholm, Sweden</i></p> <p>Beachcombers, Landlubbers And Able Seemen: Effects of marine subsidies on roles of arthropod predators in coastal food webs</p>	<p>Amy Davidson, Sandy Berry, Adrienne Nicotra <i>School of Botany and Zoology, The Australian National University, Canberra, ACT, Australia</i></p> <p>Environmental preferences and differentiation within the Australian Pelargoniums: How many Pelargoniums are there in Australia?</p>
4:40:5:00	<p>Jeremy VanDerWal, Luke Shoo, Stephen Williams <i>Centre for Tropical Biodiversity and Climate Change, School of Marine and Tropical Biology, James Cook University, Townsville, Queensland, Australia</i></p> <p>Stability begets diversity: biodiversity of Australia Wet Tropics in light of long-term habitat- and short-term climatic-stability patterns</p>	<p>Joanne Chambers, Ian Williamson <i>Natural Resource Sciences, QUT, Brisbane, Qld, Australia</i></p> <p>Conservation of terrestrial habitat may be the key to anuran persistence in a dry open woodland.</p>	<p>Annabelle Stewart, Roberta Bencini, Tony Friend <i>Coffey Environments, Perth, WA, Australia</i></p> <p>Nutrient Inputs From Seabirds Affect The Population Dynamics Of Mammals On Islands In Western Australia</p>	<p>Mark Westoby <i>Dept of Biological Sciences, Macquarie University, Sydney, NSW, Australia</i></p> <p>A model for the coordination of leaf with stem and root</p>

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5:00 - 5:20	<p>Amity Williams, Mark Hovenden <i>Plant Science, University of Tasmania, Hobart, Tasmania, Australia</i></p> <p>Effects of Climate Change on Population Dynamics in Temperate Grassland Species</p>	<p>Michael Craig, Richard Hobbs, Andrew Grigg, Mark Garkaklis, Carl Grant et al. <i>Science and Engineering, Murdoch University, Murdoch, Western Australia, Australia</i></p> <p>Does Thinning And Burning Mine-pits Restored After Bauxite Mining Improve Habitat For Terrestrial Vertebrates?</p>	<p>Carol Devney, Mike Short, Brad Congdon <i>School of Marine & Tropical Biology, James Cook University, Cairns, Qld, Australia</i></p> <p>Climate Change on the Great Barrier Reef: A Tern for the Worse?</p>	<p>Amy Barker, Dylan Korczynski <i>School of Arts and Sciences, University of Notre Dame Australia, Fremantle, WA, Australia</i></p> <p>Acute Endemism Of Acacia Aphanoclada: What Factors Restrict The Toughest Plant In Town?</p>
5:20 - 5:40	<p>Bill Ellis, Sean Fitzgibbon, Frank Carrick, Alistair Melzer <i>Koala Study Program, The University of Queensland, St Lucia, QLD, Australia</i></p> <p>Planned Long-term Ecological Research Sites Preview Likely Effects of Climate Change on Tropical Koalas</p>	<p>Dulana Herath Comparison of postmine rehabilitated and natural scrub-heath communities in southwestern Australia</p>	<p>Joanna Strzelecki, Geordie Clapin, Jim Greenwood, Christine Hanson <i>Perth, Australia</i></p> <p>Benthic-Pelagic Coupling: Role of Filter Feeders in Marmion Lagoon, Western Australia</p>	<p>Anna Richards, Susanne Schmidt <i>Biological Sciences, Macquarie University, Sydney, NSW, Australia</i></p> <p>Complementary resource use in mixed-species rainforest tree plantations</p>
7:30 - 9:00	<p style="text-align: center;">PUBLIC FORUM - AUDITORIUM</p> <p style="text-align: center;">"What does this generation need to learn to inherit the future?"</p> <p>Come and hear a panel of distinguished speakers share their vision and discuss the answer to this important question in conversation with the audience.</p> <p>The forum will be hosted by Mr Robyn Williams (ABC Science Journalist) and the panel will include conference keynote speakers Prof Paul Ehrlich (Ecologist) and Prof Clive Spash (Economist), and a number of eminent Australians including Hon Fred Chaney OA (Indigenous and Social Justice advocate) and Dr Beth Shultz (Conservationist).</p> <p>The panellists will be asked to each answer the question about what this generation needs to learn to inherit the future, giving us their vision in 3 minutes or less and using just one image as a backdrop. After each panellist has had the opportunity to speak, Robyn will facilitate a panel discussion on the key issues raised by the speakers and then will open the forum to take questions from the audience. The forum will be advertised and open to the public, and will be recorded for future web broadcast.</p> <p>Written questions to the panellist may be lodged in advance in the box outside the auditorium and will be also be collected from the audience during the forum. (Use only the cards provided). Please be prepared to come to a microphone to ask your question in person when nominated.</p>			

Tuesday	Room 5	Room 6	Room 7	Room 8	Room 9
AM	Symposium 1: Embedding an ecological approach in agricultural landscapes: a way forward	Symposium 5: Vegetation Condition	Symposium 8: Prescribed Burning: Now...and then?	Symposium 11: Monitoring Ecological Change	Open Forum
8:30 - 8:50	<u>David I. McCracken,</u> <u>Peter Dennis,</u> <u>Kevin J. Murphy,</u> <u>Lorna J. Cole</u> <i>Land Economy & Environment Research, Scottish Agricultural College, Ayr, United Kingdom</i> Mosaics, models and management: the value of taking a landscape approach to farmland biodiversity studies	<u>Rhiannon Smith,</u> <u>Nick Reid</u> <i>Ecosystem Management, University of New England, Armidale, NSW, Australia</i> Vegetation Condition Assessment: Condition for What?	<u>Geoff Carey,</u> <u>Karen King,</u> <u>Bob Keane,</u> <u>Ross Bradstock,</u> <u>Ian Davies</u> <i>School of Forest and Ecosystem Science, The University of Melbourne, Creswick, VIC, Australia</i> Prescribed burning effectiveness	<u>Mark Garkaklis,</u> <u>Mark Cowan,</u> <u>Keith Claymore,</u> <u>Kevin Vear</u> <i>Nature Conservation, Department of Environment and Conservation, Wanneroo, Western Australia, Australia</i> Development of a Statewide Biodiversity Monitoring Program for Western Australia	<u>Gerald F. M. Page,</u> <u>Louise E. Cullen,</u> <u>Pauline F. Grierson</u> <i>School of Plant Biology, University of Western Australia, Crawley, WA, Australia</i> Predicting Tree Water Use For Different Growth Forms And Phyllode Shapes Of Acacia aneura Across a Topographic Gradient
8:50 - 9:10		<u>Anthony Z. Weinberg,</u> <u>Rodney P. Kavanagh,</u> <u>Bradley S. Law,</u> <u>Trent D. Penman</u> <i>NSW Department of Primary Industries, Science and Research Division, Beecroft, NSW, Australia</i> Testing Biodiversity Toolkits - How Well Do They Predict Vertebrate Species Richness?	<u>Owen Price</u> <i>Biological Sciences, University of Wollongong, Wollongong, NSW, Australia</i> The effectiveness of prescribed fire at stopping wildfires in the Sydney region	<u>Roger Hnatiuk,</u> <u>Richard Thackway,</u> <u>Joe Walker</u> <i>Canberra, ACT, Australia</i> Changing the standard: vegetation survey and classification in Australia	<u>Andrea Leigh,</u> <u>John Close,</u> <u>Adrienne Nicotra</u> <i>Environmental Sciences, University of Technology, Sydney, Sydney, NSW, Australia</i> Leaf temperature - what can leaf morphology tell us about plant adaptation to climatic environments?
9:10 - 9:30	<u>Annie Quin,</u> <u>Manuel Martin,</u> <u>Francoise Burel</u> <i>Deakin University, Melbourne, Australia</i> Butterfly Conservation In European Rural Landscapes: How A Connectivity Model Can Help?	<u>Carly Cook</u> <i>School of Natural and Rural Systems Management, University Of Queensland, Brisbane, QLD, Australia</i> Is what you see, what you get? Qualitative versus quantitative assessments of condition.	<u>Lachlan McCaw</u> <i>School of Forest and Ecosystem Science, The University of Melbourne, Creswick, VIC, Australia</i> Contribution of prescribed fire to the management of conservation lands and multiple-use forests in Western Australia	<u>Peter J. Russell,</u> <u>John R. Lang</u> <i>Centre for the Management of Arid Environments, Curtin University, Perth, WA, Australia</i> The Southern Rangelands of Western Australia: A Spatio-temporal Analysis of Range Condition to 2006	<u>Monique de Barse,</u> <u>E. Charles Morris</u> <i>Ecology and Environment Research Group, University of Western Sydney, South Penrith DC, NSW, Australia</i> Carbon addition reduces soil nitrate and growth of exotics in a temperate eucalypt woodland

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9:30 – 9:50	<u>Geoff Titmarsh, Stuart Collard</u> <i>Natural Resources and Water, Queensland Government, Toowoomba, Australia</i> Farming within a landscape – what's it mean? – A Darling Downs experience	<u>Karyl Michaels, Louise Mendel</u> <i>Primary Industries and Water, Hobart, TAS, Australia</i> Assessor Consistency In The Application Of The Tasmanian TASVEG Vegetation Condition Assessment Method	<u>Andersen Alan</u> <i>School of Forest and Ecosystem Science, The University of Melbourne, Creswick, VIC, Australia</i> Prescribed fire in northern Australia	<u>Graham G. Thompson, Scott A. Thompson</u> <i>Centre for Environmental Management, Edith Cowan University, Joondalup, Western Australia, Australia</i> Temporal and spatial variability in trappable terrestrial vertebrate fauna assemblages in semi-arid habitats	<u>Jeremy Bougoure, Mark Brundrett, Martha Ludwig, Pauline Grierson</u> <i>Plant Biology, UWA, Crawley, WA, Australia</i> The ecological consequences of mycoheterotrophy for the critically endangered Western Underground Orchid (<i>Rhizanthella gardneri</i>)
9:50 – 10:10	<u>Harpinder Sandhu</u> <i>Agricultural Landscapes, CSIRO Sustainable Ecosystems, Adelaide, Australia</i> The Value Of Ecosystem Services In South Australian Vineyards	<u>Seraphina Cutler, John Morgan</u> <i>Botany, La Trobe University, Fairfield, VIC, Australia</i> Recovery in Subalpine Woodlands: Burning, Bulldozing and the Effectiveness of Restoration	<u>Cuong Tran, Paul Williams</u> <i>School of Forest and Ecosystem Science, The University of Melbourne, Creswick, VIC, Australia</i> Prescribed burning in Queensland: An Inconvenient Truth?	<u>Cindy Hauser</u> <i>Botany, University of Melbourne, Parkville, Vic, Australia</i> Allocating Monitoring Resources For Pest Management	<u>A. E. Zanne, I. J. Wright</u> <i>Department of Biological Sciences, Macquarie University, Sydney, NSW, Australia</i> Important Dimensions Of Xylem Sapwood Function
10:10 – 10:30	<u>V. Turner, H. Zimmer</u> <i>Sustainability and Environment, Arthur Rylah Institute, Heidelberg, Victoria, Australia</i> Forb Responses To Six Sheep Grazing Rest Treatments In Native Grasslands In Victoria	<u>Susanna Venn, John Morgan</u> <i>Department of Botany, La Trobe University, Northcote, VIC, Australia</i> Plant Recruitment Across Alpine Summits In Victoria, Australia	<u>Glenda Wardle</u> <i>Forest Science Centre, NSW DPI, Beecroft, NSW, Australia</i> To burn or not to burn: new approaches to an old question for arid Australia	<u>Brendan Wintle, Sarah Bekessy, Mike Runge</u> <i>Botany – AEDA CERF, University of Melbourne, Melbourne, VIC, Australia</i> What is the value of monitoring ecological change?	<u>E. Facelli, S.E. Smith, J.M. Facelli, F.A. Smith, H. Christophersen</u> <i>Glen Osmond, SA, Australia</i> Underground Friends and Enemies: Study of the Mechanisms Underlying the Role of Mycorrhizas in Plant Competition Using Model Plants
10:30 – 11:00	Morning Tea				

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11:00 – 11:20	<p>Susie Murphy White, Kerry Bridle</p> <p><i>Environmental Biology, Curtin University of Technology WA, Australia</i></p> <p>Looking Beyond The Remnant Vegetation For Biodiversity On The Farm</p>	<p>Graeme Newell, Matt White, Peter Griffioen</p> <p><i>Arthur Rylah Institute for Environmental Research, Dept of Sustainability and Environment, Heidelberg, Victoria, Australia</i></p> <p>Spatial models of the condition of native vegetation across Victoria</p>	<p>Williams Dick</p> <p><i>Forest Science Centre, NSW DPI, Beecroft, NSW, Australia</i></p> <p>Prescribed fire and alpine ecosystems in Australia: a landscape without match?</p>	<p>Judit Szabo, Peter Baxter, Chris Wilcox, Vesk Peter, Yohay Carmel, Hugh Possingham</p> <p><i>The Ecology Centre, University of Queensland, St Lucia, Queensland, Australia</i></p> <p>Species lists as a monitoring tool to detect declines</p>	<p>Helena Mills</p> <p><i>WWF-Australia, Northam, WA, Australia</i></p> <p>Winning the hearts and minds of farmers for improved protection and management of Wheatbelt woodlands</p>
11:20 – 11:40	<p>Peter McQuillan, Margy Fitzgerald, Janet Smith, Kerry Bridle</p> <p><i>Tasmanian Institute of Agricultural Research, UTAS, Hobart, Tasmania, Australia</i></p> <p>An overview of the epigaeic beetle communities inhabiting mixed-enterprise farms in southern Australia</p>	<p>Kathryn Sheffield, Simon Jones</p> <p>Geospatial Science, RMIT, Melbourne, VIC, Australia</p> <p>Multi-spectral Remote Sensing Of Native Vegetation Condition</p>	<p>Alan York</p> <p><i>Forest Science Centre, NSW DPI, Beecroft, NSW, Australia</i></p> <p>A Move to Ecological Burning in the Temperate South-east: Paradigm Shift or is Green Just the New Black?</p>	<p>Samantha Citroen, Rod Kavanagh, Brendan Wintle</p> <p><i>School of Forest and Ecosystem Science, University of Melbourne, Sunbury, Vic, Australia</i></p> <p>Exploring the Utility of Risk Based Monitoring (RBM) Approaches; Monitoring the Yellow-bellied Glider in South Eastern Australia</p>	<p>Caitlin Johns</p> <p><i>Ecosystem Management, University of New England, Armidale, NSW, Australia</i></p> <p>Predicting the Impact of Tidal Restoration on Coastal Floodplain Wetland Plant Communities</p>
11:40 – 12:00	<p>Janet Smith, Kerry Bridle, Peter McQuillan</p> <p><i>Tasmanian Institute of Agricultural Research, UTAS, Hobart, Tasmania, Australia</i></p> <p>A BiGG Question: How does land use influence birds found in mixed farming landscapes?</p>	<p>Ross Peacock, Elizabeth Law</p> <p><i>Biological Sciences, Macquarie University, NSW, Australia</i></p> <p>Development of a Native Vegetation Mapping Standard for Regional Natural Resource Management</p>	<p>Meredith Henderson, Mike Wouters</p> <p><i>Forest Science Centre, NSW DPI, Beecroft, NSW, Australia</i></p> <p>Prescribed burning in South Australia</p>	<p>Peter Erskine, Helen Vickers</p> <p><i>Brisbane, Qld, Australia</i></p> <p>Removing And Rehabilitating Australian Ecosystems – A Work In Progress By Australian Miners</p>	<p>Jennifer K. Fitzgerald, E. Charles Morris, David J. Eldridge, Terry Koen</p> <p><i>School of Natural Sciences, University of Western Sydney, Sydney, NSW, Australia</i></p> <p>The Soil of Abandoned Farmland – Implications for the Restoration of Cumberland Plain Woodland</p>

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12:00 – 12:20	<p>Vadakattu Gupta, Jason Hon, Kerry Bridle <i>Entomology, CSIRO, Glen Osmond, SA, Australia</i></p> <p>Biodiversity belowground – soil microbial diversity and functional capability in mixed farming systems</p>	<p>Richard Thackway, Peter Wilson, Bruce Wilson, Clancy Tim Wilson <i>Canberra, ACT, Australia</i></p> <p>Linking site, patch and landscape level native vegetation condition for national reporting</p>	<p>Ross Bradstock, Owen Price, Ian Davies, Geoffrey Cary <i>Forest Science Centre, NSW DPI, Beecroft, NSW, Australia</i></p> <p>Out with the old and in with the new: fire regimes, biodiversity and management in the Sydney region under global change</p>	<p>Manda Page, G. Bradd Witt <i>NRSM, UQ, Gatton, QLD, Australia</i></p> <p>Why have National Parks in the Mulgalands?</p>	<p>Alison Skinner, Ian Lunt, Sue McIntyre, Peter Spooner, Sandra Lavorel <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia</i></p> <p>Sugar and Spice: Experimental Manipulation of Soil Fertility and Pasture Biomass to Aid Establishment of Woodland Eucalypt Seedlings</p>
12:20 – 12:40	<p>Phoebe Barnes, Brian Wilson, Chris Nadolny <i>Ecosystem Management, UNE, Armidale, NSW, Australia</i></p> <p>Tree: Understorey: Soil Interactions under native scattered paddock trees on the Northern Tablelands of NSW</p>	<p>Clive McAlpine, Ravinesh Deo, Jozef Syktus, Hamish McGowan, Stuart Phinn <i>Geography, Planning and Architecture, The University of Queensland, Brisbane, QLD, Australia</i></p> <p>The Impact of Historical Land Clearing on Australia's Regional Climate</p>	<p>Michael F. Clarke <i>Zoology, La Trobe University, Bundoora, Vic, Australia</i></p> <p>Catering for the needs of fauna in fire management: science or just wishful thinking?</p>	<p>Narelle Weston, Wendy Wright, Ralph Mac Nally, Richard Loyn <i>School of Applied Sciences and Engineering, Monash University, Churchill, Victoria, Australia</i></p> <p>Combined Impacts of Wildfire and Timber Harvesting on Bird Communities in a Managed Forest – Does Time Since Harvesting Affect Bird Community Responses Following Fire?</p>	<p>Eleanor O'Brien <i>School of Animal Biology, University of Western Australia, Nedlands, WA, Australia</i></p> <p>Delineating Seed Transfer Zones to Conserve Genetic Variation in Restoration of Southwestern Australian Forest Tree Populations</p>
12:40 – 1:00	<p>Neil Davidson, Dugald Close, Michael Battaglia, Keith Churchill, Maria Ottenschlaeger, Tim Watson, Jody Bruce <i>Plant Science, University of Tasmania, Hobart, Tasmania, Australia</i></p> <p>Effect of agricultural land management on eucalypt health in the Midlands of Tasmania</p>	<p>Matt White, Graeme Newell, Peter Griffioen <i>Melbourne University, Heidelberg, Victoria, Australia</i></p> <p>A post-frontier landscape – changes in native vegetation cover in Victoria 1989–2005</p>	<p>Terry Penman Fiona Christie <i>Forest Science Centre, DPI, Beecroft, NSW, Australia School of Forest and Ecosystem Science, University of Melbourne, Creswick, Australia</i></p> <p>Discussion Session:</p>	<p>Andrew Grigg <i>Mining Environmental Research, Alcoa World Alumina Australia, Pinjarra, WA, Australia</i></p> <p>The Role of Ecological Monitoring in Assessing and Improving Alcoa's Bauxite Mine Rehabilitation in South-West Western Australia</p>	<p>Katinka Ruthrof, Richard Bell, Enrico Chedid <i>BSB, Murdoch University, Perth, WA, Australia</i></p> <p>Revegetation following limestone mining: 11 years on</p>
1:00 – 2:00	Lunch				

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PM	Symposium 1: Embedding an ecological approach in agricultural landscapes: a way forward	Symposium 4: Ecological Impacts of extreme weather events on Australian ecosystems	Symposium 8: Prescribed Burning: Now...and then?	Symposium 11: Monitoring Ecological Change	Symposium 15: Who, how, why? The role of the public in ecological science
2:00- 2:20	Ian D. Lunt, David J. Eldridge, John W. Morgan, G. Bradd Witt <i>Institute for Land, Water & Society, Charles Sturt University, Albury, NSW, Australia</i> A Framework to Predict the Effects of Livestock Grazing and Grazing Exclusion on Conservation Values in Natural Ecosystems in Australia	Stephen Turton <i>Australian Tropical Forest Institute, James Cook University, Cairns, QLD, Australia</i> Landscape-scale impacts of Cyclone Larry on the forests of northeast Australia, including comparisons with previous cyclones impacting the region between 1858 and 2006	Suzanne Prober, Kevin Thiele, Ian Lunt, <i>CSIRO Sustainable Ecosystems, Wembley, WA, Australia</i> Effects of fire frequency on composition and diversity of temperate grassy woodlands: a 12 year study	Christine Atyeo, Richard Thackway <i>Canberra, ACT, Australia</i> Describing and mapping revegetation activities in Australia - towards national core attributes	Lynda Chambers, Jason Alexandra, Andy Donnelly, Marie Keatley <i>Bureau of Meteorology Research Centre, Melbourne, Victoria, Australia</i> Climate Watch: Enabling citizen science
2:20 - 2:40	David Green, Kerry Bridle <i>Geography and Environmental Science, University of Tasmania, Hobart, Tas, Australia</i> The Impacts Of Sheep Grazing On Soil Mites (Acarina) In The Grassland Soils Of The Midlands, Tasmania.	Garry Cook, Clemence Goyens <i>Sustainable Ecosystems, CSIRO, Winnellie, NT, Australia</i> Cyclones As Drivers Of Vegetation Structure In Tropical Savannas	Dugald Close, Neil Davidson <i>Hobart, TAS, Australia</i> Temperate Overstorey Eucalypt Decline In The Absence Of Fire	Bethany Roberts, Sean Connell <i>Earth and Environmental Science, University of Adelaide, Nelson, New Zealand</i> Water Pollution and Over-Fishing: How Can We Effectively Measure, Monitor and Manage Our Coasts?	Dorian Moro, Lucie Southern <i>HES Department, Chevron Australia, Perth, WA, Australia</i> Improving the design of primary biodiversity datasets collected by community groups: is data surplus enough?
2:40 - 3:00	Nick Reid, Stuart Green, Catherine MacGregor <i>Ecosystem Management, University of New England, Armidale, NSW, Australia</i> The Impacts of Revegetation on Birds and Mammals on New England Wool Properties	G.W. Staben, M.J. Saynor, G.R. Hancock, G. Fox, J.B.C. Lowry, G. Calvert, D.R. Moliere, K.G. Evans <i>Department of Environment and Water Resources, ERISS, Darwin, NT, Australia</i> Assessment Of The Impact Of Cyclone Monica On The Alligator Rivers Region - Northern Territory	Natalie H. Clothier <i>Environmental Biology, Curtin University of Technology, Perth, WA, Australia</i> Site Specific Fire Regimes Enhance Floral Diversity in Banksia Woodland at Whiteman Park, Western Australia	Jessica Meeuwig, Ben Radford, Lynda Bellchambers, Kimberly van Niel, Karen Holmes et al. <i>Botany, University of Western Australia, Crawley, WA, Australia</i> Modelling marine habitats and species to support marine resource management: an interdisciplinary approach	Ellie Clarke, Fleur Flanery, Owen Cox <i>School of Environmental Science, University of Canberra, YARRALUMLA, ACT, Australia</i> No more questions - just answers please. Retail NRM

Tuesday	Room 5	Room 6	Room 7	Room 8	Room 9
3:00 – 3:20	<u>N.T. Munro, D.B. Lindenmayer, J. Fischer</u> <i>The Fenner School of Environment and Society, Australian National University, Canberra, ACT, Australia</i> Creating New Habitat For Fauna: What Can We Achieve?	<u>Miriam Goosem, Les Searle</u> <i>School of Earth and Environmental Sciences, James Cook University, Cairns, Qld, Australia</i> Rainforest canopies and tropical cyclones: do a highway and powerline clearing increase severity of damage?	<u>Tom Lewis, Valerie Debus</u> <i>Horticulture and Forestry Science, Department of Primary Industries and Fisheries, Gympie, Qld, Australia</i> Is Frequent Burning For Management Detrimental To Ecosystem Dynamics? A Review Of Two Long-term Fire Experiments In Sub tropical Forests	<u>Timothy Langlois, Euan Harvey, Karen Holmes, Jessica Meeuwig, Ben Radford, Kimberley Van Neil, Gary Kendrick</u> <i>Plant Biology, UWA, Perth, WA, Australia</i> Characterising fish communities: baseline studies for the coastal waters of Western Australia	<u>Barrett Barrett, David Freudenberger, Alex Drew</u> <i>Sustainable Ecosystems, CSIRO, Canberra, ACT, Australia</i> Data Collection by Citizen Scientists – Harnessing the Enthusiasm of Volunteers
3:20 – 3:40	<u>Terry Korodaj</u> <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW</i> Determinants of Antechinus Occurrence in a Fragmented Landscape: Dead Wood on the Farm	<u>Catherine L. Pohlman, Miriam Goosem, Stephen M. Turton</u> <i>School of Earth and Environmental Sciences, James Cook University, Cairns, Queensland, Australia</i> Is cyclone damage greater near the edges of roads, powerlines and streams?	<u>Gerald Kuchling</u> <i>Department of Environment and Conservation, Western Australia</i> Impact of Fuel Reduction Burns and Wildfires on the Critically Endangered Western Swamp Tortoise <i>Peudemydura umbrina</i>	<u>Rebecca Harris, Peter McQuillan</u> <i>School of Geography and Environmental Studies, University of Tasmania, Hobart, Australia</i> Does climate change have the potential to affect insect body size? Problems in detecting trends in the wingless grasshopper in Australia	<u>Elkana Ngwenya</u> <i>National Centre for Marine Environment, Australia Maritime College & University of Tasmania, Hobart, Tasmania, Australia</i> Environmental Concern And Action: Results From World Value Surveys
3:40 – 4:00	Afternoon Tea				
PM	Symposium 1: Embedding an ecological approach in agricultural landscapes: a way forward	Symposium 4: Ecological Impacts of extreme weather events on Australian ecosystems	Symposium 8: Prescribed Burning: Now...and then?	Symposium 11: Monitoring Ecological Change	Symposium 12: Indigenous adaptive management of country: integrating Indigenous peoples' knowledge and practices for sustainability

Tuesday	Room 5	Room 6	Room 7	Room 8	Room 9
4:00 - 4:20	<u>Greg Ford</u> <i>Queensland Murray-Darling Committee Inc., Toowoomba West, Qld, Australia</i> Farmecology: finding the right medicine to help producers recover an ailing landscape.	<u>Carla Catterall, John Kanowski, Stephen McKenna, Scott Piper</u> <i>School of Environment, Griffith University, Brisbane, Queensland, Australia</i> Does forest fragmentation amplify cyclone damage to rainforest vegetation?	<u>Alison O'Donnell, Lachlan McCaw, Matthias Boer, Pauline Grierson</u> <i>School of Plant Biology, University of Western Australia, Crawley, WA, Australia</i> Reconstructing the Fire History of an Unmanaged Semi-Arid Landscape: The Lake Johnston Region, Western Australia	<u>Mick Ashcroft, Gareth Carter, Gerasimos Cassis, Andy Donnelly, Daniel Faith, Paul Flemons, John Gollan</u> <i>CIAU, Australian Museum, Sydney, NSW, Australia</i> Spatio-Temporal Trends in the Abundance and Diversity of Arthropods: Implications for Sampling and Monitoring Biodiversity	<u>Des Hill</u> <i>Cairns Australia</i> The Ord Final Agreement
4:20 - 4:40	<u>Jann Williams</u> <i>Tasmanian Institute of Agricultural Research, University of Tasmania, Ulverstone, Tasmania, Australia</i> The Changing Nature Of Ecological Research And Conservation Advice In Agricultural Landscapes	<u>Nicky Moore, David Gillieson</u> <i>Earth & Environmental SCiences, James Cook University, Cairns, Qld, Australia</i> Using field survey and remote sensing to assess rainforest canopy damage following Cyclone Larry	<u>Andrew J. Denham</u> <i>Dept. Environment & Climate Change NSW, Australia</i> Recruitment in pyrogenic flowering species: do seed predators influence the timing of seed release?	<u>Shae K. Callan, Jonathan D. Majer, Dorian Moro</u> <i>Environmental Biology, Curtin University of Technology, Perth, WA, Australia</i> Documenting Barrow Island's Invertebrates: An Essential Prerequisite For Quarantine Surveillance And Environmental Monitoring	<u>Ephrem Kennedy, Fred Gerrard</u> <i>Cairns, Australia</i> The Miriuwung Gajerrong Cultural Planning Framework
4:40 - 5:00	<u>Ted Lefroy, Bernard Lloyd</u> <i>Centre for Environment, University of Tasmania, Hobart, Tasmania, Australia</i> The Tamar Principles for conservation in production systems	<u>Craig Strong, Michelle Burford, Grant McTainsh</u> <i>Brisbane, Qld, Australia</i> When the Weather is Grey, Desert Cyanobacteria Come Out and Play	<u>Adam Leavesley, Geoff Cary, Ross Bradstock, Jack Baker, Glenn Edwards, Jeff Wood</u> <i>Fenner School of Environment and Society, Australian National University, Canberra, ACT</i> Is a fine-scaled fire mosaic good for avian diversity?	<u>Heidi Zimmer, Patrick Baker</u> <i>Faculty of Science, School of Biological Sciences, Monash University, Heidelberg, Victoria, Australia</i> Climate and Historical Stand Dynamics in the Tropical Pine Forests of Northern Thailand	<u>Roder Chantal</u> <i>Aboriginal Rainforest Council Cairns, Australia</i> Aboriginal Rainforest Council: Cultural mapping in the wet tropics world heritage area

Tuesday	Room 5	Room 6	Room 7	Room 8	Room 9
5:00 – 5:20	<p><u>Shane Broad, Tony Norton</u> School of Agricultural Science/TIAR, University of Tasmania, Burnie, Tasmania, Australia</p> <p>Globalisation and its implications for NRM in Tasmania's agricultural sector</p>	<p><u>Fulton Graham R.</u> Centre of Ecosystem Management, School of Natural Sciences, Edith Cowan University, Perth, WA, Australia</p> <p>The Effect of Storms on Bird Nests in Eucalypt Woodland</p>	<p><u>V. J. Debuse, T. Lewis</u> Dept of Primary Industries and Fisheries, Horticulture and Forestry Science, Gympie, QLD, Australia</p> <p>Prescribed Fire: Friend Or Foe To Lantana?</p>	<p><u>Erin Thomas, Jacob John</u> Department of Environmental Biology, Curtin University, Perth, WA, Australia</p> <p>Acidification of Wetlands of the south-west of Western Australia: Diatoms as Indicators of varying pH</p>	<p><u>Peta-Marie Standley</u> Cairns, Australia</p> <p>Balkanu Traditional Knowledge Recording Project: Kuku Thaypan Fire Research</p>
5.30– 7:00	POSTER SESSION AND DRINKS				

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
AM	Symposium 10: Long term research and its benefits for theory and management	Symposium 7: Linking Ecology, landscape and people for a sustainable future	Symposium 9: Whole of landscape conservation in Australia using Wild Country connectivity principles: approaches and case studies	Open Forum	Symposium 13: Genetic assessment of the effects of environmental change on mating and dispersal.
8:30 – 8:50	<p><u>Charles Krebs, Alice Kenney</u> <i>Institute for Applied Ecology, University of Canberra, Canberra, ACT, Australia</i></p> <p>Mixing Long-term Monitoring with Experimental Manipulations in the Canadian Boreal Forests of the Yukon</p>	<p><u>Sarah Bekessy, Michael McCarthy, Brendan Wintle, Ascelin Gordon, Bill Langford, Georgia Garrard</u> <i>School of Global Studies, Social Science and Planning, RMIT University, Melbourne, Victoria, Australia</i></p> <p>Reimagining the Australian Suburb: Biodiversity Planning in the Urban Fringe</p>	<p><u>Rob Lesslie, Mark Stafford Smith, Steve Morton, Brendan Mackey, Henry Nix</u> <i>Bureau of Rural Sciences, Canberra, ACT, Australia</i></p> <p>Sustainable Living in Australia's Rangelands</p>	<p><u>Justine Murray, Clive McAlpine, Anne Goldizen, Hugh Possingham, Sama LowChoy</u> <i>The Ecology Centre, The University of Queensland, Brisbane, Queensland, Australia</i></p> <p>Is Field Work Really Necessary? Incorporating Expert Knowledge With Field Data In A Bayesian Framework</p>	<p><u>Margaret Byrne, Colin Yates, David Coates, Carole Elliott</u> <i>Science Division, Department of Environment and Conservation WA, Australia</i></p> <p>Does landscape pollen dispersal rescue small populations from inbreeding?</p>
8:50 – 9:10	<p><u>Julian R. W. Reid</u> <i>Fenner School for Environment and Society, Australian National University, Canberra, ACT, Australia</i></p> <p>Alpha and beta diversity patterns in plants, birds, mammals, reptiles and invertebrates at Uluru-Kata Tjuta National Park, central Australia</p>	<p><u>Rodney Safstrom</u> <i>Natural Resource Management, Department of Agriculture and Food, South Perth, WA, Australia</i></p> <p>Perth, Western Australia, a resilient city? A people, water, food, biodiversity, energy and communication perspective</p>	<p><u>Simon Judd</u> <i>Perth, Australia</i></p> <p>Conserving Biodiversity found in the Great Western Woodlands</p>	<p><u>Blair C. Parsons, Jeff C. Short, J. Dale Roberts</u> <i>Sustainable Ecosystems, CSIRO, Wembley, WA, Australia</i></p> <p>Predicting the occurrence of Malleefowl (<i>Leipoa ocellata</i>) in the Western Australian wheatbelt.</p>	<p><u>Annabel L. Smith, Michael G. Gardner, C. Michael Bull, Aaron L. Fenner</u> <i>Biological Sciences, Flinders University, Adelaide, SA, Australia</i></p> <p>Restricted gene flow in the endangered pygmy bluetongue lizard (<i>Tiliqua adelaidensis</i>) in a fragmented agricultural landscape.</p>

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
9:10 - 9:30	<u>David B. Lindenmayer</u> <i>Fenner School for Environment and Society, Australian National University, Canberra, ACT, Australia</i> Long-term monitoring and research in the tall wet ash forests of the Victorian Highlands.	<u>Pierre Horwitz</u> <i>Consortium for Health and Ecology, Edith Cowan University, Joondalup, WA, Australia</i> Catchment health on the Gngangara Mound: new perspectives on an urban groundwater dependent ecosystem	<u>Carissa Klein, Kerrie Wilson, Matthew Watts, Janet Stein, Josie Carwardine, et al.</u> <i>St. Lucia, Qld, Australia</i> Prioritizing Australia's Biodiversity and Wilderness for Conservation Investment	<u>Michael Kearney, Warren Porter</u> <i>Zoology, The University of Melbourne, Melbourne, Australia</i> Modelling Species Distributions Without Using Species Distributions: Applications to Invasive Species and Climate Change	<u>Penny Butcher, Donna Bradbury, Siegy Krauss</u> <i>Science, Kings Park Botanic Garden, Fremantle, Western Australia, Australia</i> Assessment of genetic structure and pollen dispersal highlights potential impacts of mining on the rare ironstone endemic <i>Tetratheca paynterae</i> .
9:30 - 9:50	<u>David Keith, Mark Tozer</u> <i>NSW National Parks & Wildlife Service, Hurstville, NSW, Australia</i> Long-term Ecological Studies: Examples That Show Why Governments And Communities Need Them	<u>Jonathan Majer, Daniela Stehlik</u> <i>Environmental Biology, Curtin University of Technology, Perth, Western Australia, Australia</i> Sustaining Gondwana: A Conservation and Sustainability Initiative on the South Coast of Western Australia	<u>Brendan Mackey, James Watson</u> <i>Melbourne, Vic, Australia</i> Climate change, biodiversity conservation, and the role of protected areas: an Australian perspective	<u>Michael Bode, Clare Hawkins, Tracy Rout, Brendan Wintle</u> <i>Applied Environmental Decision Analysis, University of Melbourne, Melbourne, Vic, Australia</i> Searching for the Tasmanian Devil Facial Tumour Disease front	<u>Fred Allendorf, Michael Schwartz</u> <i>Biology, University of Montana</i> Monitoring genetic change in natural populations
9:50 - 10:10	<u>Jean-Marc Hero, Ben E. Lawson</u> <i>School of Natural & Rural Systems Management, The University of Queensland, Brisbane, QLD, Australia</i> Program For Planned Biodiversity Studies (PPBio): A Model For Effective And Efficient Long-term Ecological Research	<u>H.E. Allison, J-P. Orsini, R.J. Hobbs</u> <i>School of environmental Sciences, Murdoch University, Murdoch, WA, Australia</i> Understanding System Complexity In A Broad Acre Agricultural Region And The Challenge For Ecologists	<u>John Woinarski, Brendan Mackey, Henry Nix, Barry Traill</u> <i>Wild Australia Program, Pew Environment Group, Maleny, Australia</i> The Nature of Northern Australia	<u>Natalie J. Briscoe, Michael Kearney</u> <i>Zoology, The University of Melbourne, Australia</i> Predicting the Responses of the Common Brown Butterfly (<i>Heteronympha merope</i>) to Climate Change: Linking GIS Data and Ecophysiology	<u>Siegy Krauss, TianHua He, Byron Lamont, Luke Barrett, Neal Enright, Ben Miller</u> <i>West Perth, WA, Australia</i> The conservation consequences of promiscuity in a <i>Banksia</i> pollinated by nectar-feeding birds.

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
10:10 - 10:30	<p>Gillis Horner, Patrick Baker, Ralph Mac Nally, Shaun Cunningham Biological Sciences, Monash University, Clayton, VIC, Australia</p> <p>Stand dynamics of the River Red Gum over 40 years on the Murray Floodplain</p>	<p>Melanie Bradley CSIRO Sustainable Ecosystems, Winnellie, NT, Australia</p> <p>Using Goethe's 'Delicate Empiricism' to Link Ecology, Landscape and People</p>	<p>Bronwyn Price, Clive McAlpine, Stuart Phinn, Alex Kutt, David Pullar, Noam Levin Centre for Remote Sensing and Spatial Information Science, The University of Queensland, St Lucia, QLD, Australia</p> <p>Beyond Discrete Boundaries in Australian Savannas: Avian Response to Continuous Versus Discrete Models of Landscape Structure</p>	<p>Joshua O'Brien, Matthew Forister, James Thorne, Arthur Shapiro Environmental Science and Policy, UC Davis, Davis, CA, United States</p> <p>Detection of Long-term Trends in an Alpine Butterfly Fauna Using Non-parametric Bootstrap Methods</p>	<p>Christina Schmuki, James Woodman, Annette Sands, Paul Sunnucks Clayton, Vic, Australia</p> <p>Impacts of Forest Fragmentation, Owing to Pine Plantation Establishment, on Two Endemic Saproxyllic Beetles in Southeastern Australia</p>
10:30 - 11:00	<p>Morning Tea</p> <p>INTECOL MEETING</p>				
11:00 - 11:20	<p>Barry J. Fox School of Biological, Earth & Environmental Sciences, University of New South Wales, Dudley, NSW, Australia</p> <p>A 25 year long-term study of the mammal communities of Myall Lakes National Park: What extra benefits accrue when compared to the more usual 3-year PhD or ARC project?</p>	<p>Romola Stewart, Matt Watts, Trevor Ward, Hugh Possingham Spatial Ecology Lab, The Ecology Centre, The University of Queensland, Brisbane, Qld, Australia</p> <p>Marzone; A Systematic Decision Support Method For Natural Resource Management Planning Problems</p>	<p>Chris Dickman School of Biological Sciences, University of Sydney, Sydney, NSW, Australia</p> <p>Reintroducing the Dingo: Ecological Rationale and Practical Reality</p>	<p>Michael Male, Delphine Bahuaud, Richard Marsh, Ian Williamson Brisbane, Queensland, Australia</p> <p>Feeding Ecology of Juvenile Sand Whiting on an Inter-tidal Flat</p>	<p>Hania Lada, James R Thomson, Ralph Mac Nally, Andrea C Taylor School of Biological Sciences, Monash University, Clayton, Vic, Australia</p> <p>Landscape Genetics of a Carnivorous Marsupial Antechinus flavipes in Highly Fragmented Habitat in South-eastern Australia</p>
11:20 - 11:40	<p>Barbara Wilson, Mandy Lock, Rannveig Magnusdottir Deakin University, Australia</p> <p>Long-term studies of the influence of disturbance factors on mammal communities in southeastern Australia</p>	<p>Cassandra Brooke WWF, Sydney, NSW, Australia</p> <p>Conservation and Adaptation: NGOs as boundary organisations</p>	<p>Ian Lunt, Andrew Bennett, Angie Haslem Institute for Land, Water & Society, Charles Sturt University, Albury, NSW, Australia</p> <p>Ecological Processes: A Key Element In Strategies For Conserving Biodiversity</p>	<p>Karen Holmes, Gary Kendrick, Jessica Meeuwig, Ben Radford, Kimberly van Neil School of Earth and Geographical Sciences, University of Western Australia, Perth, Australia</p> <p>Mapping the seafloor using ecological modelling theory and methods; a Western Australian coastal example.</p>	<p>Birgita Hansen, Andrea Taylor, Dan Harley Biological Sciences, Monash University, Clayton, VIC, Australia</p> <p>The Mating System of Two Populations of Leadbeater's Possum Elucidated Through Genetic Marker Analysis</p>

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
11:40 - 12:00	Paul Mahon, Scott Lassau, Jack Baker <i>Scientific Services, DECC, Hurstville, NSW</i> The response of native fauna to fox control under the NSW Fox Threat Abatement Plan.	David Lamb, Peter Erskine, David Pullar <i>Centre for Mined Land Rehabilitation, University of Queensland, Brisbane, QLD, Australia</i> Forest restoration at a landscape scale: case studies from north Queensland, Thailand and Vietnam.	David Freudenberger <i>Greening Australia, Yarralumla, ACT</i> Landscape Transformation by Carbon Sequestration Markets: The Good, Bad and Potentially Ugly.	Anne Brearley, F.E. Wells <i>School of Plant Biology, University of Western Australia, Crawley, Australia</i> Invertebrate fauna in a diversity of seagrasses	Silvana Cesarini, Andrea Taylor, Paul Sunnucks, Rodney van der Ree <i>Biological Sciences, Monash University, Clayton, Vic, Australia</i> Major Roads: A Filter To Gene Flow In The Squirrel Glider <i>Petaurus norfolcensis</i>
12:00 - 12:20	Russell Palmer, Georgeanna Story, Paul Story <i>Environment and Conservation, Wanneroo, WA, Australia</i> Does boom always mean bust for the greater bilby? Unravelling complex predator-prey interactions in the Mitchell grasslands	Andrew Beattie <i>Biological Sciences, Macquarie University, North Ryde, NSW, Australia</i> Ecology and Bioprospecting	Carrie Deutsch, Geoff Wescott, Ann McGregor, Brian Coffey, Jim Robinson <i>Victorian National Parks Association, Carlton, Vic, Australia</i> Ecological processes in Victoria: Policy priorities for sustaining biodiversity	Fernando Tuya, Mat Vanderklift, Glenn Hyndes, Thomas Wernberg, Christine Hanson <i>Edith Cowan University, Joondalup, WA, Australia</i> Reefs Alter The Ecological Patterns Of Fauna Inhabiting Adjacent Seagrass Meadows	David Coates, Jane Sampson, Colin Yates, Margaret Byrne <i>Department of Environment and Conservation, Science Division, Perth, Australia</i> Plant mating systems and assessing population persistence in fragmented landscapes
12:20 - 12:40	Sean Fitzgibbon, Bill Ellis, Frank Carrick <i>Koala Study Program, The University of Queensland, St Lucia, QLD, Australia</i> Long-term Research on a Long-lived Species in a Variable Environment	Jodi J. L. Rowley, David A. Emmett, Seila Voen <i>Indo-Burma Program, Conservation International, Seaforth, NSW, Australia</i> Harvest, trade and conservation of the Asian arowana <i>Scleropages formosus</i> in Cambodia.	Kennedy Simon <i>West End, QLD, Australia</i> Economically and Culturally Sustainable Fauna Populations on Cape York		David Ayre, Karen Miller <i>Biological Sciences, University of Wollongong, Wollongong, NSW, Australia</i> Does Early Life History Predict Dispersal Ability in Corals: Implications for the Functioning of Marine Parks
12:40 - 1:00	Rob Whelan, David Ayre, Jack Baker <i>University of Wollongong, Wollongong, NSW, Australia</i> Patterns in long-term studies that were not predicted after 3 years: the Ground Parrot and the Hairpin Banksia.	Richard Hobbs <i>School of Environmental Science, Murdoch University, Murdoch, WA, Australia</i> Restoring the future: new approaches to managing ecosystems in a rapidly changing world	Nicky Bruce, Ian Lunt <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia</i> A Bird's Eye View: development of a remote sensing approach to monitoring semi-arid grasslands for biodiversity conservation		David Roberts, David Ayre <i>Wollongong, NSW, Australia</i> The dynamics of an extensive hybrid zone in south east Australia: what are the likely outcomes of climate change?

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
1:00 - 2:00	Lunch ESA ANNUAL GENERAL MEETING				
PM	Symposium 3: Ecology in Suburbia: Conservation of biota in urban isolates	Open Forum	Open Forum	Open Forum	Symposium 14: Can pastoralism using ungulates be reconciled with conservation of the Gondwanan landscapes of Australia?
2:00 - 2:20	<u>Gary Luck</u> <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia</i> Why Bother With Conservation In Urban Landscapes?	<u>Carissa Klein, Kerrie Wilson, Matthew Watts, Janet Stein, Sandra Berry et al.</u> <i>St. Lucia, Qld, Australia</i> Incorporating Ecological and Evolutionary Processes into Continental Scale Conservation Planning	<u>Anna E. Burns, David, M., Watson Saul, A. Cunningham</u> <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia</i> Arthropod Diversity and Assemblage Composition Differs Between Box Mistletoe and Eucalypts	<u>Merilyn J. Grey, Richard H. Loyn, Michael Clarke</u> <i>F. Zoology, La Trobe University, Bundoora, Victoria, Australia</i> Fluctuations in Leaf Damage Caused by Herbivorous Insects, and the Impact of Removing Noisy Miners <i>Manorina melanocephala</i>	<u>Garry Cook</u> <i>CSIRO, Winnellie, NT, Australia</i> The legacy of attempts to transform Australian vegetation to support pastoralism
2:20 - 2:40	<u>Yan Chen</u> <i>Department of Geography, University of Hong Kong, Hong Kong</i> China Residents' attitudes towards urban nature conservation, a case of Guangzhou, China	<u>Michael McCarthy, Colin Thompson, Stephen Garnett</u> <i>Parkville, VIC, Australia</i> Optimal Investment in Conservation of Species	<u>Lori Lach, Richard Hobbs, Jonathan Majer</u> <i>School of Environmental Science, Murdoch University, Murdoch, WA, Australia</i> Comparing Native and Invasive Ant Behaviour and Outcomes on Plants with Extrafloral Nectaries	<u>Brad Law, Mark Chidel</u> <i>Science and Research, NSW Department of Primary Industries, Sydney, NSW, Australia</i> Quantifying the canopy nectar resource and the impact of logging and climate in eucalypt forests	<u>G. Bradd Witt, Manda Page, Michelle Noel, R J S (Bob) Beeton</u> <i>NRSM, UQ, Gatton, QLD, Australia</i> Mulga fodder harvesting: is it good, bad or ugly, and how can we ever know?
2:40 - 3:00	<u>Holly Parsons, Kris French, Richard Major</u> <i>School of Biological Sciences, University of Wollongong, Wollongong, NSW, Australia</i> The Effect Of Urbanisation On The Breeding Ecology Of Birds	<u>Brendan Wintle, Atte Moilanen</u> <i>Botany - AEDA CERF, University of Melbourne, Melbourne, VIC, Australia</i> The Neighbourhood Quality Penalty: A Quantitative Method for Approximating Species Responses to Fragmentation in Reserve Selection	<u>Steven Leonard</u> <i>School of Geography and Environmental Studies, University of Tasmania, Hobart, Tasmania, Australia</i> Grazing And Blazing In Tasmanian Grasslands: Effects Of Grazing On The Potential For Grassland Fires	<u>Jennifer Firn, Tracy Rout, Hugh Possingham, Yvonne Buckley</u> <i>School of Integrative Biology, University of Queensland, Coorparoo, Queensland, Australia</i> Incorporating disturbance into weed management practices	<u>Anke Frank, Chris Dickman, Glenda Wardle</u> <i>School of Biological Science, University of Sydney, Sydney, NSW, Australia</i> The Effects Of Cattle Grazing On Small Mammals And Reptiles In The Simpson Desert, Queensland

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
3:00 - 3:20	Kirsten Parris, Meah Velik-Łord, Joanne North <i>Parkville, VIC, Australia</i> Frogs Call at a Higher Pitch in Traffic Noise	Paula J. Peeters, Sara Williams <i>Conservation Services, Environmental Protection Agency, City East, QLD, Australia</i> How the 'Back on Track species prioritisation framework' is changing threatened species recovery in Queensland	David Watson <i>Institute for Land, Water and Society, Charles Sturt University, Albury, NSW, Australia</i> Mistletoe Specialist Frugivores: Dilligent Dispersers or Self-serving Free-loaders?	Dieter Hochuli, Gerry Cassis, Scott Lassau <i>Biol Sci, The University of Sydney, The University of Sydney, NSW, Australia</i> Habitat complexity and the diversity of arthropod assemblages: Is fire responsible for heterogeneity in habitat structure?	Jose Facelli, Heather Springbett <i>Ecology and Evolutionary Biology, The University of Adelaide, Adelaide, SA, Australia</i> Increaser Species: Mechanisms that Favour <i>Maireana pyramidata</i> Spread in Overgrazed Chenopod Shrublands of South Australia
3:20 - 3:40	Joab Wilson, Sarah Bekessy, Kirsten Parris, Geoffrey Hearde <i>School of Global Studies, Social Science & Planning, RMIT University, Melbourne, Victoria, Australia</i> Impacts of Climate Change and Urban Development on <i>Limnodynastes tasmaniensis</i> (Spotted Marsh Frog) in the Merri Creek Corridor		John Rawsthorne <i>School of Environmental Science, Charles Sturt Uni, Forbes, NSW, Australia</i> Heterogenous Dispersal of Mistletoe Seeds by the Dietary Generalist Spiny-cheeked Honeyeater (<i>Acanthagenys rufogularis</i>)	Shaun Coutts <i>School of Integrative Biology (Ecology Centre), University of Queensland, Logan, Queensland, Australia</i> Linking models of human behaviour and invasion: How do we do it and why should we bother?	John Morgan, Nick Schultz, Ian Lunt <i>Department of Botany, La Trobe University, Bundoora, VIC, Australia</i> Contrasting Effects of Grazing Exclusion on Species Richness in High and Low Productivity Environments
3:40 - 4:00	Afternoon Tea				
PM	Symposium 3: Ecology in Suburbia: Conservation of biota in urban isolates	Open Forum	Open Forum	Open Forum	Open Forum
4:00 - 4:20	Robert Davis, Lesley Brooker <i>School of Animal Biology, The University of Western Australia, Crawley, WA, Australia</i> Determining Birds At Risk In A Rapidly Urbanising City: Perth, Western Australia	G. Bradd Witt, Rebecca Harrington, Manda Page <i>NRSM, UQ, Gatton, QLD, Australia</i> The Great Woody Vegetation Thickening Debate: Does the Plot Thicken?	Cath Moran <i>Centre for Innovative Conservation Strategies, Griffith University, Maleny, QLD, Australia</i> Functional variation among frugivorous bird species in subtropical Australia is related to their gape width, degree of frugivory and seed treatment	Jose Facelli, Casey Mueller <i>Ecology and Evolutionary Biology, The University of Adelaide, Adelaide, SA, Australia</i> Effects of Plant Aggregation on Competition Between <i>Carrichtera annua</i> and Native Annual Plants in Arid Lands of South Australia	Andrew Scott, John Morgan <i>Botany, La Trobe University, Melbourne, Vic, Australia</i> Can Native Species Persist In Agricultural Landscapes? Recruitment Limitation In Post-Cultivation Grasslands

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
4:20 - 4:40	<u>Richard Major, Holly Parsons</u> <i>Australian Museum, Sydney, NSW, Australia</i> What do Museum Specimens Tell Us About the Impact of Urbanisation? - A Comparison of the Bird Community of Sydney in 1900 and 2000	<u>Josie Carwardine, Kerrie Wilson, Matt Watts, Carissa Klein, Andres Etter, Hugh Possingham</u> <i>The Ecology Centre, The University of Queensland, St Lucia, QLD, Australia</i> Avoiding costly conservation mistakes	<u>Ann Smithson</u> <i>King's Park / University of Western Australia, Perth, WA, Australia</i> The Causes and Consequences of Pollination by Deception in the Orchidaceae: from the European to the Australian Flora	<u>Tracy M. Rout, Michael A. McCarthy</u> <i>School of Botany, University of Melbourne, Melbourne, Victoria, Australia</i> Using Sighting Data to Decide When to Declare Eradication of an Invasive Species	<u>Peter Berney, Glenn Wilson, Darryn Ryder</u> <i>Ecosystem Management, University of New England, Armidale, NSW, Australia</i> Vegetation Response To An Environmental Flow in The Lower Gwydir Wetlands NSW
4:40 - 5:00	<u>Ric How, John Dell</u> <i>Terrestrial Zoology, WA Museum, Welshpool, WA</i> Present and Impending Declines in Perth's Terrestrial Vertebrate Faunas	<u>Jon Sumbly</u> <i>Government, University of Tasmania, Hobart, Tasmania, Australia</i> Exploring the science-policy gap	<u>Heloise Gibb, Saul Cunningham</u> <i>Entomology, CSIRO, Canberra, ACT, Australia</i> Do plant-derived sugar resources drive ant assemblages in restored habitats?	<u>Yvonne Buckley</u> <i>School of Integrative Biology, University of Queensland, St Lucia, Queensland, Australia</i> Causes and consequences of increased seed size in the exotic invader Scotch Broom (<i>Cytisus scoparius</i>)	<u>Robyn Whipp, Ian Lunt, Peter Spooner</u> <i>School of Environmental Sciences, Charles Sturt University, Albury, NSW, Australia</i> Effects Of Fire And Timber Harvesting On Long-Term Vegetation Change In A NSW Eucalyptus-Callitris Forest
5:00 - 5:20	<u>Dell John</u> <i>Department Of Environment And Conservation, Perth, WA, Australia</i> Generalists versus specialists: conservation of honeyeaters and thornbills in Kings Park, a large urban bushland reserve.	<u>Joslin Moore, Michael McCarthy, Brendan Wintle</u> <i>School of Botany, University of Melbourne, Melbourne, Victoria</i> Managing an Emerging Threat - Willow Invasion on the Bogong High Plains, Victoria	<u>Graeme Hastwell, Jayd McCarthy, Paul Shortis, Tanya Grimshaw, K. Dhileepan</u> <i>School of Natural Sciences, University of Western Sydney, Penrith, NSW Australia</i> Can Simulated Herbivory Experiments Assist Biocontrol Agent Selection?	<u>R. Andrew Hayes, Mattias Hagman, Rick Shine, Robert Capon</u> <i>Institute for Molecular Bioscience, The University of Queensland, St Lucia, Qld, Australia</i> Alarm signal in cane toad tadpoles: a chemical investigation	<u>Kathleen Owen, Glenda Vaughton</u> <i>Botany, University of New England, Ballina, NSW, Australia</i> Kissing cousins: Biparental inbreeding depression reduces progeny fitness in <i>Bulbine bulbosa</i> (Asphodelaceae)
5:20 - 5:40	<u>Deidre de Villiers</u> <i>Wildlife Conservation Unit, Environmental Protection Agency, Brisbane, QLD, Australia</i> The decline of a regionally significant koala population	<u>Daniel Lunney, Mathew Crowther, Jessica Bryant, Ian Shannon</u> <i>Department of environment and climate change, Hurstville, NSW, Australia</i> Applying estimates of site occupancy to public surveys: a novel solution to locating koalas on private lands	<u>Helen Stephens, Charlotte Taylor, Clare McArthur</u> <i>Camperdown, NSW, Australia</i> Induced structural and chemical responses of scrub she-oak to artificial browsing and rusa deer saliva	<u>Michael Arthur, Rachel Hill, Catherine Pickering</u> <i>Griffith School of Environment, Griffith University, Gold Coast, QLD, Australia</i> What Is The Best Model: Investigating The Effect Of Increasing Trampling Intensity On Vegetation Structure?	<u>Trudy Worthington, Mark Tibbett, Stephen Vlahos, Matthew Braimbridge</u> <i>The University of WA, Perth, WA, Australia</i> Impact of time of sowing and soil type on seedling emergence and establishment - implications for successful Jarrah forest rehabilitation.

Thursday	Room 5	Room 6	Room 7	Room 8	Room 9
7:30 - 9:00	CONFERENCE DINNER				

Friday	Auditorium			
8:30 - 9:00	Keynote: Henry Nix Fenner School of Environment and Society, Australian National University, Canberra, Australia The Ant And The Grasshopper			
	Room 5	Room 6	Room 7	Room 8
AM	Open Forum	Open Forum	Open Forum	Open Forum
9:10 - 9:30	<u>Gordon Fox</u> <i>Division of Integrative Biology, University of South Florida, Tampa, FL, United States</i> Heterogeneity Within Populations - How It Matters For Population Viability, And How To Cope With It	<u>Nicole Kenyon, Ross A Alford., Sara Bell, Doug C. Woodhams, Kirsten Heimann</u> <i>Marine and Tropical Biology, James Cook University, Townsville, QLD, Australia</i> Do Peptide Defences Against Batrachochytrium dendrobatidis Vary Among Sites and Species?	<u>Penny Atkinson, David Carr</u> <i>Florabank, Greening Australia, Yarralumla, ACT, Australia</i> Seeds, People and Sustainable Landscapes - the Florabank program	<u>Lisa I. Doucette</u> <i>Zoology, University of New England, Armidale, NSW, Australia</i> Dark Cavities and Sunny Canopies: Winter Roost Selection by Australian Owlet-Nightjars
9:30 - 9:50	<u>Duncan R. Sutherland</u> <i>Department of Environment and Conservation, Dwellingup, WA, Australia</i> Do Goannas Respond To Introduced Predator Control In The Northern Jarrah Forest?	<u>Robert Puschendorf, Jeremy VanDerWal, Lee Skerratt, Ross Alford, Keith McDonald et al.</u> <i>School of Marine and Tropical Biology, James Cook University, Townsville, Queensland, Australia</i> Modelling the potential distribution of Batrachochytrium dendrobatidis in the Australian Wet Tropics and Cape York Peninsula: Consequences for Amphibian Conservation	<u>Greg J. Holland, Andrew Bennett</u> <i>F. Landscape Ecology Research Group, School of Live and Environmental Sciences, Deakin University, Burwood, VIC, Australia</i> Recolonisation dynamics of a native rodent following experimental 'extinctions' in small forest remnants	<u>Carryn Manicom, Lin Schwarzkopf, Ross A. Alford, Thomas W. Schoener</u> <i>School of Marine and Tropical Biology, James Cook University, Townsville, Queensland, Australia</i> Gimme Shelter - Self-made shelters protect spiders from predation by lizards.
9:50 - 10:10	<u>Stewart Christopher, Rodney van der Ree, Michael McCarthy, Silvana Cesarini, Sarah McCall</u> <i>Botany, University of Melbourne, Bentleigh, Australia</i> Investigating Population Level Effects Of Roads On Squirrel Gliders In Networks Of Linear Vegetation Using Simulation Modelling	<u>Adrian Wayne, Colin Ward, Marika Maxwell, Chris Vellios, Ian Wilson et al.</u> <i>Science Division, WA Gov. Dept. Environment and Conservation, Manjimup, WA, Australia</i> Diagnosing the Recent Woylie (<i>Bettongia penicillata</i>) Collapse in South-Western Australia	<u>Bradley Durrant</u> <i>Environment and Conservation, Wanneroo, Australia</i> How Has The Environment And Evolutionary Heritage Affected The Biogeography Of The Ground-dwelling Spiders Of The Pilbara Region, Western Australia?	<u>Michael Smith, David Hunter</u> <i>Freshwater Ecology, Arthur Rylah Institute, Melbourne, Victoria, Australia</i> Survey, Habitat Assessment and Conservation of the Endangered Booroolong Frog (<i>Litoria booroolongensis</i>) on the South West Slopes of New South Wales.

10:10 - 10:30	<p><u>Darren Southwell, Brendan Wintle</u> <i>Botany - AEDA CERF, University of Melbourne, Melbourne, VIC, Australia</i></p> <p>The Sensitivity of Population Viability Analysis to Uncertainty About Habitat Requirements: Implications for the Management of the Endangered Southern Brown Bandicoot (<i>Isodon obesulus</i>)</p>	<p><u>David Hunter, Gerry Marantelli</u> <i>Department of Environment & Climate Change (NSW), Tumut, NSW, Australia</i></p> <p>Significance of a reservoir host for the amphibian chytrid fungus (<i>Batrachochytrium dendrobatidis</i>) in breeding habitat for the critically endangered southern corroboree frog (<i>Pseudophryne corroboree</i>).</p>	<p><u>Martine Maron, Peter Dunn, Armando Apan</u> <i>Australian Centre for Sustainable Catchments, University of Southern Queensland, Toowoomba, Queensland, Australia</i></p> <p>Future Scenarios for Endangered Species Habitat in an Intensifying Agricultural Landscape</p>	
10:30 - 11:00	Morning Tea			
Auditorium				
11:00 - 11:45	<p>Keynote: Ian Lowe Griffith University, Nathan, Australia Ecology: science in action or science inaction?</p>			
11:45 - 12:30	President's Address and Wrap Up			
12:30 - 1:00	Prizes			
1:00 - 2:00	Lunch			