

Monday - Pre-Lunch Sessions

	CARSLAW LT 157 Climate change symposium	CARSLAW LT 159 Ecology of cities symposium
9:45	Dunlop, Brown <i>The impact of climate change on biodiversity and implications for conservation...</i>	Connell <i>Growing human populations in a drying-climate: managing the land-sea connection</i>
10:00	Kearney <i>Mechanistic species distribution modelling: linking physiology and GIS data to...</i>	Chapman <i>Getting beyond simply measuring impacts towards building coastal infrastructure...</i>
10:15	Hobday, Poloczanska, Richardson <i>Climate change impacts and adaptation choices in the marine environment</i>	Catterall <i>Are urban ecosystems really different?</i>
10:30	Hovenden <i>Climate, CO₂ and competition: population dynamics of dominant species in...</i>	Coleman <i>Changes in management of an urban coastal lagoon and ecological consequences for...</i>
10:45	Ooi, Auld, Denham <i>Climate Change, bet-hedging and persistence in arid zone ephemeral plants</i>	McDonnell, Hahs <i>The role of comparative studies in advancing our understanding of the ecology...</i>
11:00	Ellsworth, Barton, Lowe, Lin, et al <i>Does response to elevated CO₂ change the ability of Eucalyptus...</i>	Hochuli, Robinson <i>Ecological thresholds in urban environments: effects of invasive weeds on ant...</i>
11:15		MORNING TEA
	Climate change symposium (ctd)	Urban ecology
11:45	Bradstock, Davies, Price, Cary <i>Climate change and fire: a lay-down misere?</i>	Marzinelli <i>Direct and indirect effects of coastal development on epifauna</i>
12:00	Skoufa <i>Emissions trading and Australian Generation Firms: what are the strategic options...</i>	Klein, Chapman, Underwood <i>Interactions between oysters and limpets on seawalls</i>
12:15	Hughes <i>10 things to do about climate change</i>	Cocco <i>Distribution and breakdown of wrack in an urbanized, estuarine system</i>
12:30	Discussion	Browne, Chapman, Underwood, et al <i>Ecological consequences of replacing natural rocky shores with seawalls...</i>
12:45	Discussion	Hellyer, Poore <i>Managing shark nets for the benefit of seahorses in Sydney Harbour</i>
1:00		LUNCH

Monday - Pre-Lunch Sessions

CARSLAW LT 175 Plant-animal interactions	CARSLAW LT 273 Ecological monitoring	CARSLAW LT 274 Complex interactions
<p>Jellinek, Parris, Driscoll, et al <i>Is Habitat Restoration Working: Determining and increasing the value of...</i></p> <p>Biddle, Linde, Godfree <i>Environmental risk assessment of genetically modified Alfalfa mosaic...</i></p> <p>Schlunke, Hochuli <i>Fate of ant-dispersed seeds: how does disperser identity interact with seed...</i></p> <p>Thomson, Auld, Ramp, Kingsford <i>Ant behaviour, predation and community composition: Implications for species...</i></p> <p>Binns, Andrew, Clarke, McGeoch <i>Importance of climate and plant trait variables in structuring beetle...</i></p> <p>Fukuda, Burns, Moller <i>The effects of habitat isolation on invertebrate colonisation of native plants...</i></p>	<p>Hone <i>Evaluation of monitoring of predator-prey interactions</i></p> <p>McKeown, Fletcher, Murphy, et al <i>Modelling the accuracy of counts of the spectacled Flying-fox...</i></p> <p>Ramula, Rees, Buckley <i>Integral projection models perform better for small demographic data sets than...</i></p> <p>Garrard, Bekessy, Wintle <i>Issues of imperfect plant detectability and survey effort in Melbourne's...</i></p> <p>Rumpff, Duncan, Tolsma <i>So you think you can detect vegetation condition change? Lessons from an...</i></p> <p>Sandhu <i>Reducing ecological footprints of agriculture using ecosystem services strategies...</i></p>	<p>Duff, Bell, York <i>Determination of environmental pattern within an ecosystem: understanding complex...</i></p> <p>Pekin, Wittkuhn, Boer et al <i>Plant functional traits in relation to fire, aridity, and soil nutrients in the...</i></p> <p>Lehmann, Prior, Bowman <i>Spatio-temporal trends in tropical mesic savanna tree cover are driven by...</i></p> <p>Davidson, Cary, King <i>Key interactions of environmental variables in determining fire frequency in the...</i></p> <p>Andersen <i>Dominance and species co-occurrence in highly diverse ant communities: a test of...</i></p> <p>Hughes, Castley, Hero <i>Factors affecting mesoscale avian community assemblages in an urban forest...</i></p>

MORNING TEA

Plant-animal interactions (ctd)	Ecological monitoring (ctd)	Complex interactions (ctd)
<p>Burns, Cunningham, Watson <i>Determinants of arthropod community composition on a mistletoe and its hosts</i></p> <p>Denham <i>Interactions and the NSW floral emblem: what do we know about waratahs?</i></p> <p>Brookes, Jesson, Burd <i>Intra-inflorescence patterns of reproductive traits in <i>Stylidium armeria</i>...</i></p> <p>Haddadchi, Vaughton, Ramsey, et al <i>Loss of sex in the distylous aquatic herb <i>nymphoides montana</i>...</i></p> <p>Bradford, Metcalfe, Westcott <i>Fruiting Patterns in the Wet Tropical Rainforests of Queensland</i></p>	<p>Berney, Wilson <i>Impact of grazing on plant communities in the Gwydir wetlands, NSW.</i></p> <p>Cheal <i>Regeneration in Semi-arid Woodlands - What has been achieved by 20 years of...</i></p> <p>Vesk <i>Tree recruitment on farms under an environmental incentive scheme: Bush Returns</i></p> <p>Gould <i>Does mine rehabilitation on the Weipa bauxite plateau restore the habitat values...</i></p> <p>Cutler, Morgan <i>Barriers to native recruitment following anthropogenic disturbance in a subalpine...</i></p>	<p>Letnic, Koch <i>Do dingoes deliver benefits for biodiversity conservation?</i></p> <p>Borzak, O'Reilly-Wapstra, Potts <i>Indirect plant-herbivore interactions in a eucalypt system</i></p> <p>Thapa, Mathur, Goyal <i>Spatial separation between leopard (<i>Panthera pardus</i>) and tiger...</i></p> <p>Pentland <i>Ecological determinants of foraging behaviour in Rock-wallabies...</i></p> <p>Danks, Vernes <i>Swamp Wallaby: keystone mycophagist in a variegated landscape?</i></p>

LUNCH

Monday - After-Lunch Sessions

	CARSLAW LT 157 Native seeds symposium	CARSLAW LT 159 Urban ecology (ctd)
2:45	Carr <i>Science improving practice: the importance of good seed information</i>	Kendal <i>Global trends in the composition and distribution of cultivated urban flora</i>
3:00	Broadhurst <i>Genetic considerations for seed sourcing in fragmented landscapes</i>	Beaty, Doherty, Meyers <i>Spatial variability in the urban environment identified from object-oriented...</i>
3:15	Pickup <i>How local is local? Outbreeding depression in <i>Rutidosia leptorrhynchoides</i></i>	Parker, Ross, O'Connor <i>Is there the potential to ameliorate climate change when elevated CO2 and...</i>
3:30	Krauss <i>Towards a genetic provenance atlas for SW Western Australia – progress, problems...</i>	Newbound <i>Diversity of saprotrophic and ectomycorrhizal fungi in remnant woodlands along...</i>
3:45	<i>AFTERNOON TEA</i>	
	Native seeds symposium (ctd)	Urban ecology (ctd)
4:15	Waters <i>Using local seed sources can ignore the complexities of evolutionary development...</i>	Martin, French, Major <i>Foraging distances & habitat selection of Aust. white ibis in the urban...</i>
4:30	Offord, Martyn <i>Overview of Seed Research in NSW</i>	Hamer, McDonnell <i>Inferring the persistence of herpetofauna in response to urbanisation</i>
4:45	Cromer <i>Largescale minesite rehabilitation: Turning Research into Production</i>	Leopold-Wooldridge, Castley, et al <i>Assessing the effectiveness of road underpasses for fauna movement in southeast...</i>
5:00	Gibson-Roy <i>Restoring species-rich grassland: an alternative approach to obtaining...</i>	Gibson, Colgan <i>Successful Kangaroo Management in the Suburbs: Capture, Sterilisation, Relocation...</i>
5:15	Atkinson <i>Florabank: Communicating native seed research to improve on-ground outcomes</i>	Borysko, Ross, Wilson, Shalliker <i>The effects of 17-ethynylestradiol on the embryos and larvae of <i>Nassarius</i>...</i>
5:30-7:00	<i>POSTER SESSION</i>	

Monday - After-Lunch Sessions

<i>Carslaw LT 175</i>	<i>Carslaw LT 273</i>	<i>Carslaw LT 274</i>
Plant-animal interactions (ctd)	Ecological monitoring (ctd)	Complex interactions (ctd)
Poore, Campbell, Steinberg <i>Grazing impacts of mesograzers in temperate algal beds</i>	Maliel <i>Sustainable Rivers Audit: a river health check for the Murray-Darling Basin</i>	Campbell, Case, Kjelleberg, et al <i>Climate change and emerging disease: bleaching, bacterial infection and chemical...</i>
Macreadie, Keough, Connolly, et al <i>Life on the edge of habitat fragments: the stomach rules the mind</i>	Wilkie, Roach, Bishop, et al <i>Metal chelating resins: a useful tool for field assessment of metal...</i>	Venn, Morgan <i>Left out in the cold. Can alpine plants get tough against frosts in early...</i>
Caarels, Logan, Sanson <i>The effects of leaf fracture properties and mandible wear on the metabolic rate...</i>	Runcie <i>Acclimation of aquatic phototrophs to changes in irradiance</i>	Reardon-Smith, Le Brocque, House <i>Change is the new stability: disturbance and riparian woodlands in a production...</i>
Clissold, Simpson <i>Too tough! Plant biomechanics and nutrition: implications for chewing herbivores</i>	Smith <i>An ecotoxicological study of drilling fluids used in the oil industry</i>	Warman, Moles <i>Alternative stable states in Australia's Wet Tropics</i>

AFTERNOON TEA

Plant-animal interactions (ctd)	Ecological monitoring (ctd)	Complex interactions (ctd)
Kirmani, Banks, McArthur <i>Comparing costs of plant toxins and predation risk on foraging decisions by...</i>	Hallett, O'Connell <i>Assessing change in species composition from ecological restoration using similar...</i>	Manicom, Schwarzkopf, Alford <i>Untangling the web: resolving trophic interactions between large lizards, small...</i>
Nersesian-Finn, Banks, Simpson, et al <i>Foraging herbivores: is the capacity to choose and switch between nutrients...</i>	Recher, Lunney, Matthews <i>Long-term patterns of small mammals in a eucalypt forest affected by fire and...</i>	Facelli, Dewar, Marschner <i>Modification of soil microbial communities by invasive species affects native...</i>
Weerheim, Stock, Craig, Dods, et al <i>Is it the food, the company or something else? Selective feeding in the Forest...</i>	Kitchin, McDonald, Ingwersen <i>Responses of montane vegetation communities to wildfire</i>	Gowland, Clements, Mathesius, et al <i>Understanding the distribution of three species of epiphytic orchids in...</i>
O'Reilly-Wapstra, Hamilton, et al <i>Genetic relationships in preference between multiple herbivores in a eucalypt...</i>	Vivian, Cary, Bradstock, Gill, et al <i>The use of post-fire monitoring data to analyse landscape patterns of fire...</i>	Adler <i>Fly-Away Selection: Forced Copulation and Female Resistance in Birds</i>
Roberts, Kirkpatrick, McQuillan <i>An endangered ecosystem? Are changing weather patterns a threat to marsupial...</i>	Garrett, Carthew <i>Does roadside vegetation provide valuable habitat for small terrestrial fauna?</i>	

POSTER SESSION

Tuesday - Pre-Lunch Sessions

	CARSLAW LT 157 Ecological response to fire symposium	CARSLAW LT 159 Ecosystem services symposium
9:15	Gill <i>The Concept of the Fire-regime Niche: Species Conservation and Alpine Ash</i>	Cork <i>The Idea and Practice of Ecosystems Services: Past, Present and Future</i>
9:30	Clarke <i>The interface of fire regimes, plant resprouting ability and community dynamics</i>	Pearson <i>No we're not interested in natural capital, only ecosystem services</i>
9:45	Nano, Clarke <i>Landscape dynamics & plant fire traits: do expectations hold for arid...</i>	Williams, Norton <i>Spatial analysis of ecosystem services across agricultural landscapes</i>
10:00	Tasker, Whelan, Baker <i>The impacts of fire on Australian fauna: a synthesis of...</i>	Baker <i>Balancing our act : optimising functional biodiversity in soils</i>
10:15	Taylor, Watson, Bennett, Clarke <i>The influence of the properties of fire mosaics on bird...</i>	Evans, Dawes-Gromadski <i>Termites and ants may be friends to farmers: ecosystem services in...</i>
10:30	Dickman, Wardle, Tamayo, et al <i>Responses of small mammals to wildfire in spinifex grasslands in...</i>	Cunningham, Aizen, Garibaldi, et al <i>Is pollinator decline affecting global food production?</i>
10:45		MORNING TEA
	Ecological response to fire symposium (ctd)	Ecosystem services symposium (ctd)
11:15	Driscoll <i>Reptile fire responses. Concepts versus Evidence.</i>	Reid <i>The ecosystem service value of native vegetation</i>
11:30	Kuramoto de Bednarik, Cary, et al <i>Quantifying fire regimes at the landscape scale: long-lived...</i>	Smith, Reid <i>Vegetation condition and ecosystem service provision on the lower Namoi...</i>
11:45	Turner, Grove, Airey <i>Establishing permanent plots based on historical wildfire: The...</i>	Liu <i>Ecosystem service valuation: moving towards an operational environmental...</i>
12:00	Wright <i>Fire Regimes in Spinifex desert in central Australia, 1979-2005</i>	Karanja, Reid, Cacho <i>An ecosystem service valuation of NRM interventions from...</i>
12:15	Lucas <i>Bushfire weather - recent trends & projected climate change impacts</i>	Yapp, Thackway, Walker <i>A practitioners guide to managing vegetated landscapes for...</i>
12:30	Williams, Cook, Bradstock <i>Managing fire regimes for carbon benefits</i>	Park <i>Investing in biodiversity: a CMA perspective</i>
12:45	Penman, Christie, Henderson <i>Fire and ecology in a changing climate - putting the theory...</i>	Thompson, Ampt <i>A national ecosystem services strategy for Australia - concept proposal</i>
1:00		LUNCH

Tuesday - Pre-Lunch Sessions

CARSLAW LT 175 Habitats, interactions, populations	CARSLAW LT 273 Spatial ecology	CARSLAW LT 274 Reproductive biology, seed banks, traits
<p>Bridle, Leonard <i>Wild herbivore grazing, drought and grub damage - impacts on native...</i></p> <p>Bateman, VanDerWal, Johnson <i>Examining biotic interactions in species distributional...</i></p> <p>Lane, Shine <i>When sea snake meets sea bird: ecosystem engineering, facilitation and...</i></p> <p>Tuft, Crowther, McArthur <i>Brush-tailed Rock-wallaby Habitat: More Than Just Rocks</i></p> <p>Holland, Bennett <i>Demographic flexibility facilitates survival of a native rodent in forest patches...</i></p> <p>Valentina, Christine <i>Effects of possible predator and non-predator odours on...</i></p>	<p>Connell, McArthur, Crowther <i>Predicting resource selection in a semi-aquatic mammal at...</i></p> <p>Cunningham, Mac Nally, Read, et al <i>A robust technique for mapping vegetation condition...</i></p> <p>Visser, Osborne, Woodward <i>Understanding biogeographical patterns in South African CA...</i></p> <p>Neumegen, McIntosh, Winterbourn, et al <i>Working the network: the influence of stream...</i></p> <p>Pirzl <i>Environment, history and social factors as determinants of...</i></p> <p>Najera-Hillman, Garrett, King, et al <i>Leiopelma hochstetteri habitat use in the Waitakere...</i></p>	<p>Morrant, Schumann, Petit <i>Sampling and storing nectar in the field from flowers with low...</i></p> <p>Rubbo, Petit, Schumann <i>Determining nectar volume in small native flowers using...</i></p> <p>Nelson, Fatemi, Gross <i>Changing Times - Historical and contemporary breeding patterns...</i></p> <p>Briggs, Morris, Thomas <i>Seed coat dormancy in Grevillea: testing the mechanical...</i></p> <p>Porter <i>Contrasting emergence patterns in aquatic plants with persistent seedbanks in...</i></p> <p>Caddy, Gross, Whalley, Price <i>A vanishing refuge: Germinable soil seed banks in artesian...</i></p>

MORNING TEA

Habitats, interactions, populations (ctd)	Spatial ecology (ctd)	Reproductive biology, seed banks, traits (ctd)
<p>Frank, Wardle, Dickman <i>Effects of cattle removal on kangaroos, camels and small...</i></p> <p>Stagoll, Fischer, Olsen <i>Livestock grazing and birds: rotational grazing may benefit some woodland birds</i></p> <p>Tischler, Wardle, Dickman <i>The response of granivorous desert birds to a significant rainfall...</i></p> <p>Dunkerley, Ford <i>Changes in bird community structure over 30 years in a eucalypt...</i></p> <p>Kemp, Carthew, Johnston <i>Habitat use and social associations in the reintroduced...</i></p> <p>Lee, Carthew, Facelli <i>Microhabitat and moon phase influence foraging decisions by a...</i></p> <p>Divljan, Parry-Jones, Wardle <i>Population ecology of the Grey-headed Flying-fox: a study of the age-structure...</i></p>	<p>Rodoreda, Keith, Elith <i>Probabilistic mapping of ecological communities - a case study...</i></p> <p>Ashcroft, Chisholm, French <i>Estimating fine-scale spatial variability in climate warming and potential...</i></p> <p>Kyle, Duncan <i>Quantifying and attributing finescale change in native vegetation cover...</i></p> <p>Farmilo, Morgan <i>Are effects of woody plant encroachment on native plant diversity scale-...</i></p> <p>Januchowski, VanDerWal, Pressey, et al <i>A biotic assemblage classification of...</i></p> <p>Visconti, Pressey, Segan, Wintle <i>Conservation planning with dynamic threats: the role of...</i></p>	<p>Good, Reid, Price, Hunter, Wilson, et al <i>Effects of densely regenerating Eucalyptus...</i></p> <p>Gorrod, Lomov, Keith <i>Evaluating the efficacy of vegetation condition metrics for biodiversity...</i></p> <p>Buswell <i>Evolution of exotic plants in Australia and New Zealand</i></p> <p>Nordenstahl, Lusk <i>Light interception in relation to crown architecture across contrasting...</i></p> <p>Campbell, Nicotra, von Caemmerer <i>Ecologically disparate Pelargonium species show...</i></p> <p>Cooke, Leishman <i>The functional ecology of plant silicon: moving from agricultural to...</i></p> <p>Shirley, Vesk <i>A modern natural history: how trait evolution can inform community ecology</i></p>

LUNCH

Tuesday - After-Lunch Sessions

	CARSLAW LT 157 Fire (ctd)	CARSLAW LT 159 Open
2:45	Doherty, York <i>Ecological burning: the response of woodland ant communities to an altered fire...</i>	Wintle, Kearney <i>Spatial and physiological models as independent lines of evidence in predicting...</i>
3:00	Price, Bradstock, Russell-Smith <i>The influence of fuel reduction on wildfire extent: two sub-regional analyses</i>	Fairweather <i>A Model of how Increased Storminess under Climate Change will affect Sandy...</i>
3:15	Gignoux, Lahoreau, Julliard, et al <i>Establishment and early persistence of trees in fire-prone habitats: the onset of...</i>	Smoothey <i>Understanding animal-habitat associations across intertidal and subtidal...</i>
3:30	Groeneveld, Lamont, Enright <i>Simulating the effects of different spatio-temporal fire regimes on...</i>	Nguyen, Thomson, Byrne <i>Comparisons of the heat shock response as a function of temperature and season...</i>
3:45	AFTERNOON TEA	
	SPEED TALKS	SPEED TALKS Assemblages
4:15	Ross, Lunt, Bradstock <i>Thinning woodlands to prescribed densities: what can we learn from...</i>	Soars, Prowse, Byrne <i>Functional ecology of a 2 armed sea urchin larva</i>
4:20	Godfree <i>The resilience of Austrostipa aristiglumis populations to extreme...</i>	Andrews, Pile, Raubenheimer, et al <i>Feast or Famine? Opportunism does not swamp...</i>
4:25	Newell, White, Sinclair, et al <i>Modelling impacts of a changing climate on selected...</i>	Lada, Thomson, Neville, et al <i>Biodiversity and gene flow in macroinvertebrates...</i>
4:30	Lee, Uthicke, Byrne <i>Influence of population density on clonal reproduction and growth...</i>	Moir, Brennan, Harvey <i>Diversity, endemism and species turnover of millipedes within...</i>
4:35	Sankamethawee, Gale, Hardesty <i>Factors affecting post-fledging survival in a...</i>	Grimbacher, Stork <i>Beetle assemblage responses to cyclonic disturbance of fragmented...</i>
4:40	Parris, McCarthy, Weller <i>Consistent effects of toe clipping on the return rate of frogs and...</i>	Gollan, Smith, Bulbert, Donnelley, et al <i>A surrogate for web-building spider biodiversity...</i>
4:45	Carthey, Bytheway, Banks <i>Multiple Foraging Strategies in the Search for Cryptic Prey</i>	Lindsay <i>Leaf litter invertebrates are affected by the size and shape of grassy box...</i>
4:50	Higgs <i>Technology and Ecology: How different technologies can assist with field data...</i>	Palmer <i>Effect of underlying patterns of resources; analysis of spatial patterns of...</i>
5:15 - 6:00	DISCUSSION	

Tuesday - After-Lunch Sessions

CARSLAW LT 175 Teaching in ecology

Taylor, Meyer *The learning context for hypothesis testing: where do students have problems?*

Wilson, Niehaus, White, Rasmussen, et al *Bringing Ecology to the Masses: using video documentary-making to...*

Ross *Learning and Teaching in Ecology; a whole curriculum approach for engaged student...*

Hurley *Let's start with a good title*

CARSLAW LT 273 Spatial ecology (ctd)

Lechner, Jones, Bekessy *Scale and Error in Remote Sensing Data: Are Landscape Ecologists addressing...*

Shepherd, Warton *Spatial Point Processes: A New Approach for Species Distribution Modelling.*

VanDerWal, Shoo, Johnson, et al *Predicting spatial patterns of abundance from presence-only species distribution...*

Pelikan *A novel classification of high resolution woody vegetation data using Density...*

CARSLAW LT 274 New ideas in ecology

Tielbörger, Liancourt *Evolution and plant interactions - facilitation may impede reproductive isolation...*

Falster, Moles, Westoby *Small families and big babies make evolutionary sense – what implications for...*

Salomon, McCarthy, Wintle, Taylor *Spreading the Risk: Resource allocation under uncertainty using Maximum...*

Bonser *Interpreting reproductive allometry in plants*

AFTERNOON TEA

SPEED TALKS Invasion

Fatemi, Van Klinken, Gross *Phyla nodiflora: Native or Naturalised? The Complications...*

Osunkoya, Panetta, Bayliss *Understanding resource use efficiency and ecophysiology...*

Gollan, Ashcroft, Sullivan, et al *A new exotic bee species in Australia: determining its...*

Metcalf, Murphy, Barker *Weeds of the Wet Tropics - what makes a rain forest invader?*

Yokomizo, Possingham, Grice, et al *Economic weed risk assessment: when should we...*

Nott, Walsh, Melzer *Crowded house - a *Corymbia/Allocasuarina littoralis* central...*

Gallagher *The ecology of climbing plants in littoral rainforests...*

SPEED TALKS Spatial ecology

Cole, McQuaid, Nakin *Modification of landscapes: marine parks as a source of colonists...*

Linke, Hermoso, Watts, et al *Is it wrong to wish on spatial software: Conservation...*

Liu, White, Newell *Differentiating prevalence effects between model-building data and test...*

Warton, Naumann *New model-based approaches for analysing multivariate abundances in...*

Smith, Roberts, McDonnell *Spatial distribution of extinction risk for plant species in Victoria*

Ellis, FitzGibbon *Remote sensing and social networking: new insights into the ecology of...*

Crowther, McAlpine, Lunney, et al *Using broad-scale data to compare koala conservation...*

Tamayo, Dickman, Wardle, et al *Regional versus local variability of rainfall in central...*

SPEED TALKS

Voyles, Cashins, Ross, Lee, Lee, et al *Life-history adjustments of an amphibian pathogen*

Kendall *The diffusion approximation overestimates extinction risk in density-independent...*

Waudby *Population characteristics of house mice (*Mus domesticus*) on southern...*

Doherty, Beaty, Meyers *Necessary, But Not Sufficient: Beyond Urban Remnants*

Carr, Reid, Gurr, Gunning, et al *Supplementing natural populations of a beneficial wasp egg...*

O'Dwyer *Does habitat quality reflect insect diversity?*

Burley *Influence of human population density and socioeconomic status on the...*

Wilson, McBride, Possingham, et al *Prioritising restoration on the Irvine Ranch*

DISCUSSION

Thursday - Pre-Lunch Sessions

	CARSLAW LT 157 Insect-plant interactions symposium	CARSLAW LT 159 Marine & terrestrial invasions symposium
9:15	Andrew <i>Insect-plant interactions in a changing climate</i>	Hutchings <i>Taxonomic impediments to detecting marine invasives</i>
9:30	Macfadyen, Gibson, Morris, et al <i>Plant-herbivore communities at the landscape scale</i>	Lewis <i>The marine invasion of Australia: Can we manage incursion, establishment and...</i>
9:45	Clarke, Bairstow, McGeoch, Andrew <i>Can insect gillers and miners on species of Acacia...</i>	Johnston, Piola, Dafforn, et al <i>Testing invasibility theory in marine invertebrate...</i>
10:00	Christie <i>Life on the Edge: How fire influences plant - herbivore interactions</i>	Leishman, Cooke <i>The role of diversity, propagule pressure & soil nutrients in determining...</i>
10:15	Nipperess, Hughes, Andrew, et al <i>Can we predict the turnover of beetle faunas from the...</i>	Dafforn, Glasby, Johnston <i>Pathway to invasion: From artificial structure to rocky reef</i>
10:30	Moir, Vesk, McCarthy, et al <i>Estimating the co-extinction of plant-dwelling arthropods...</i>	O'Connell, Howard <i>Positive interactions of two invasive species in an aquatic system...</i>
10:45		MORNING TEA
	Insect-plant interactions symposium (ctd)	Marine & terrestrial invasions symposium (ctd)
11:15	Gibb <i>Do plant-derived sugar resources drive ant assemblages in restored habitats?</i>	Catford, Jansson, Nilsson <i>Reducing redundancy in invasion ecology by integrating hypotheses...</i>
11:30	Powell, Hochuli <i>Acacias, Acizzia and the case for coextinction</i>	Glasby <i>Limited impacts of a marine invader on seagrasses after five years</i>
11:45	Rowles, O'Dowd <i>New mutualism for old: indirect disruption and direct facilitation of seed...</i>	Gribben <i>Multiple contrasting impacts of an invasive alga via direct and indirect...</i>
12:00	Lori, Hoffmann <i>Contrasting plant protection services by invasive yellow crazy ants and...</i>	Case, Dearnaley, Le Brocque <i>Lantana invades the soil too! Effects of Lantana camara on...</i>
12:15	Caron, Ede, Sunnucks <i>Does host diversity promote specialization in an invasive clonal...</i>	Bishop, Nicastro <i>Impacts of Maoricolpus roseus extend beyond the spatio-temporal...</i>
12:30	Barbour, O'Reilly-Wapstra, et al <i>Characterising the 'long arm' of the gene in Eucalyptus...</i>	Virkki, Tran, Castley <i>The effects of lantana and different treatment methods on faunal...</i>
12:45	Simpson, Raubenheimer, Charleston, et al <i>Heterarchical Models of Nutritional Ecology</i>	Spring, Schmidt, Cacho, Mac Nally, et al <i>Surveillance Strategies for Eradicating Red...</i>
1:00		LUNCH

Thursday - Pre-Lunch Sessions

CARSLAW LT 175
Ecosystem processes

CARSLAW LT 273
Species management

CARSLAW LT 274
Fire (ctd)

Menge, Chan, Nielsen, et al *Climatic variation alters supply-side ecology: impact of...*

Perring, Cullen, Johnson, et al *Modelling the impacts of climate change and rising CO₂...*

Kerr, Lethbridge, Bull *Variability in rainfall in a semi-arid environment elicits predictable...*

Hallett, Smith, Matonis, Knapp *Growth responses of two dominant tallgrasses to altered...*

Watson, Taylor, Clarke et al *Are ecological traits of birds associated with their population...*

Menge, DeNoyer, Lichstein *Historical constraints do not explain the absence of...*

Spencer, Dall, Lapidge Mongrel *in the Dingo: Hybridization a Cause for Facultative...*

Beeton, McCallum *Modelling removal as a management tool for fighting Devil Facial...*

Brazill-Boast, Pryke, Griffith *Competitive effects of breeding niche overlap on population...*

Lofts, Gibbs *Effects of salinity and moisture stress on two populations of the endangered...*

Spooner *Fenced woodlands in SE Australia: the good and the bad 8 years on.*

Mackenzie, Keith *Adaptive management in practice: conservation of a threatened...*

Keith *Competitive interactions between neighbours and their implications for viability...*

Cochrane, Adams, Cowcher, et al *Ecological fire management thresholds for conserving...*

Howell *Seed and seedling interactions with soil during post-fire seedling recruitment*

Bell *Fire-plant-soil interactions in Heathy Stringybark woodlands in Victoria*

Orscheg *Fire in box-ironbark forests? Exploring the role of fire in a disturbed dry...*

Cohn, Lunt, Ross et al *How do fire sensitive Callitris survive in flammable Eucalyptus...*

MORNING TEA

Ecosystem processes (ctd)

Species management (ctd)

Fire (ctd)

Fischer, Stott *Tree regeneration and the future of farmland biodiversity*

Skinner, Lunt, Spooner et al *Eucalypt recruitment on former farmland: Are site characteristics more important...*

Hastwell, Morris *Which of two competing models best explains spatial variability in...*

Laliberté, Wells, DeClerk et al *Global patterns of plant response diversity with land use...*

Bann, Field, Matheson *Dryland salinity and terrestrial biota in southeastern Australia: problems...*

Noel, Witt, Page, Beeton *Harvesting Mulga: Creating a Balance or Tipping the Scale*

Schwarzkopf *Designer conservation: responses of fauna to weed control treatments...*

Ens, Altman, Kerins et al *Using traditional ecological knowledge and western science...*

Czembor, Vesk *Can we be certain?: Using expert models to manage Box-Ironbark forests*

Bode, Wintle *How to build an efficient conservation fence*

Reid, Morin, Neave, Yeoh, et al *Impact evaluation of bridal creeper biological control*

Camara, Wilson, Espies *Effects of Kunzea ericoides canopy on herbaceous plant species in a New...*

Danti *The influence of different silvicultural treatments on coarse woody debris and...*

Smith *Impacts and economics of wildlife browsing on Tasmanian pastures*

Camac, Morgan, Williams et al *Fire severity does not influence post-fire regeneration...*

Westcott *The effect of increased fire frequency on fire behaviour in the Northern...*

Kenny, Morgan *How does mallee shrubland respond to time-since-fire at different...*

Kelly, Bennett, Clarke et al *Small mammal response to time since fire in semi-arid environments*

Bower, Valentine, Grice, et al *Burning and grazing to manage weeds: responses of herpetofauna.*

Langlands, Brennan, Ward *Untangling the influences of fire and rainfall on spider assemblages in arid...*

Lade *The effect of short interval fire on limestone shrubland communities of Western...*

LUNCH

Thursday - After-Lunch Sessions

	CARSLAW LT 157 Plant-pollinator interactions symposium	CARSLAW LT 159 Biological invasions
2:45	Wardle, Popic, Davila <i>Small worlds - big landscape: floral phenology drives spatiotemporal variation...</i>	Downey, Williams, Whiffen, et al <i>Weed management and threatened species conservation</i>
3:00	Popic, Wardle, Davila <i>Pollen transport by native solitary bees in an Arid Australian pollination...</i>	Sims <i>Evaluation of the biological control program against Groundsel Bush...</i>
3:15	Waters, Gross <i>Pollinator food-webs on granite outcrops: diversity, specificity and a fly story</i>	Hopley, Young, Foley <i>Reproductive ecology and dispersal of Salix cinerea in southeastern...</i>
3:30	Faast, Facelli, Austin <i>The promise of sex versus food: spatio-temporal variation in the pollination...</i>	French, Mason, Sullivan <i>Dispersal and recruitment limitation in coastal communities following weed...</i>
3:45		AFTERNOON TEA
	Plant-pollinator interactions symposium (ctd)	Biological invasions (ctd)
4:15	Simpson, Gross <i>Insects: friend, foe or fifty-fifty? Density-dependent pollination and fruit...</i>	Firn, Buckley <i>Novel disturbance regimes to break the dominance of an invasive grass species</i>
4:30	Plunkett, Gross, Fatemi <i>Pultenaea campbellii (Fabaceae): The dynamics of plant-pollinator...</i>	Licari <i>Logging as a driver of homogenization in wet sclerophyll forests of the Southern...</i>
4:45	Popic, Davila, Wardle <i>How sweet it is: variation in nectar resources in arid Australia</i>	Prider, Facelli, Watling <i>A native parasitic plant has a stronger negative effect on an introduced species...</i>
5:00	Elliott, Young, Cunningham, et al <i>Bridging the gap between pattern and process: reproductive ecology, fitness and...</i>	van Barneveld <i>Plague skinks and acclimation ability in the genus Lampropholis.</i>
5:15	Petit, Jusaitis, Bickerton <i>What is an effective pollinator for a spider orchid?</i>	O'Connor, Kleindorfer, Robertson <i>Darwin's finches vs bloodsucking maggots: a co-evolutionary dead end?</i>

Thursday - After-Lunch Sessions

CARSLAW LT 175 Coastal estuarine interactions	CARSLAW LT 273 Species management (ctd)	CARSLAW LT 274 Open
Lovelock <i>Terrestrial nutrients for mangroves: Kangaroos crossing over</i>	Webb <i>Differential effects of an intense bush fire on survival of sympatric snakes.</i>	Condon, Chenoweth, Wilson <i>Coping with change: thermal acclimation of zebrafish (<i>Danio rerio</i>) in uncertain...</i>
Hurrey, Lovelock <i>Mangrove epiphytic algae: influence of environment and nutrient availability on...</i>	Roberts, Catterall, Kanowski, Eby <i>Large-scale variation in the distribution of flying-foxes, <i>Pteropus</i>...</i>	van Rooij, Griffith <i>Breeding Ecology and Mate Choice of the Long-tailed Finch (<i>Poephila acuticauda</i>)</i>
Jones, Byrne <i>The impact of historical channel metamorphosis on freshwater mussels in the...</i>	Puschendorf, Hoskin, Alford, et al <i>Rediscovery of the Armoured Mist Frog: conservation implications for a...</i>	Rayner, Taylor, Ellis <i>Variations in tree-hollow availability in eucalypts of semi-arid woodlands in...</i>
Adame, Lovelock <i>Variation in nutrient and carbon fluxes in mangroves in differing...</i>	Narayan, Molinia, Christi, et al <i>Non-invasive monitoring of reproductive hormones in the endangered Fijian ground...</i>	Morrongiello, Wong, Crook, Bond <i>Environmental quality and predictability influence egg size and egg number in...</i>

AFTERNOON TEA

Environmental economics	Species management (ctd)	Open (ctd)
Harris, Ancev, Hertzler <i>Economists and Ecologists: Opportunities for Collaboration</i>	O'Leary, Low Choy, Fensham, et al <i>Improving the performance and interpretation of habitat models: a multilevel...</i>	Matias <i>Effects of structure of habitat on diversity of benthic assemblages</i>
Harris, Ancev, Hertzler ctd	Price, Banks <i>Deterring alien predators to protect prey: understanding the motivation of predat...</i>	Mayer-Pinto <i>Effects of contaminants on benthic assemblages</i>
Harris, Ancev, Hertzler ctd	Croak, Pike, Webb, Shine <i>Using artificial rocks to restore degraded sandstone outcrops</i>	Barton, Manning, Gibb, Lindenmayer et al <i>Ground-dwelling beetle assemblages at two spatial scales in a threatened grassy...</i>
<i>Discussion</i>	Pike, Webb, Shine <i>Landscape-scale conservation: experimentally manipulating canopy cover to restore...</i>	McBride <i>Eliciting and evaluating expert judgment in ecology</i>
<i>Discussion</i>	Haslem, Bennett <i>Relative value of 'countryside' vegetation as supplementary habitat for species...</i>	Horner <i>Does logging enhance habitat and carbon storage value of floodplain forests</i>

Friday - Pre-Lunch Sessions

	CARSLAW LT 157 OZPACS symposium	CARSLAW LT 159 Spatial ecology (ctd)
9:45	Gell, Denham <i>OZPACS & Pharos: national and international syntheses of palaeoecological data...</i>	Heffernan, Spence-Bailey, Nimmo, et al <i>The importance of spatial scale in the microhabitat selection of lizards in the...</i>
10:00	Mooney <i>A long term perspective on fire in eastern Australia: lessons for contemporary...</i>	Pavey, Nano <i>Landscape-scale structuring of bird assemblages in the Finke bioregion, central...</i>
10:15	Black <i>TBA</i>	Pert, Hill, Williams <i>Use of new graph-based landscape connectivity indices: towards prioritisation of...</i>
10:30	Coller <i>SahulTime: New dynamic visualisation methods for palaeoecological data</i>	Clarke, Holland, Stewart, Radford, et al <i>Landscape-level benefits of revegetation to birds in an agricultural system</i>
10:45	OZPACS symposium (ctd)	MORNING TEA
	OZPACS symposium (ctd)	Spatial ecology (ctd)
11:15	Fluin, Gell <i>7000 years of ecological change in lower Murray River wetlands: defining...</i>	Price, McAlpine, Phinn, Ward, et al <i>Assessing the importance of spatial and temporal variability in vegetation cover...</i>
11:30	Saunders, Hodgson, Gibson et al <i>Lake sediment records of feral animal impacts from sub-Antarctic Macquarie...</i>	Taylor, Ellis, Bedward <i>Woodland bird survival: are linear strips enough?</i>
11:45	Penny, Gale <i>Two centuries of environmental impact on Kangaroo Island</i>	Goosem, Pohlman, Searle <i>Assessing the habitat quality of remnant and riparian vegetation</i>
12:00	Garcia, Kobayashi, Ralph et al <i>Macquarie Marshes: palaeoecological changes of the last ~1,000 years</i>	Michaels, Lacey, Norton, Williams <i>Quantifying habitat fragmentation in Tasmania: a landscape metrics approach</i>
12:15	Gell <i>Wetlands of the Murray Darling Basin: their sensitivity to catchment and climate...</i>	Tozer, Tindall <i>The role of remote sensing in vegetation mapping: do compositional types have...</i>

Friday - Pre-Lunch Sessions

CARSLAW LT 175 Applied management	CARSLAW LT 273 Physiology & leaf traits	CARSLAW LT 274 Ecology & evolution
<p>Figueira, Booth <i>Increasing ocean temperatures allow tropical fishes to survive over winter in...</i></p> <p>Pohlman, Goosem <i>Edge effects of powerline clearings on vegetation and microclimate in tropical...</i></p> <p>Kuhnert, Griffiths, Venables, et al <i>Estimating the abundance of pelagic fishes using gillnet catch data in...</i></p>	<p>Moles, Warman, Warton, et al <i>Global patterns in plant height</i></p> <p>Lusk <i>Relationships of leaf size and shape with shade tolerance in evergreen and...</i></p> <p>Hazareh, Medlyn, McMurtrie <i>The use of a canopy model to analyse effects of elevated CO₂ on aboveground...</i></p> <p>Richards, Zanne, Wright <i>Patterns of stem water storage in trees and shrubs growing in low and high...</i></p>	<p>Tozer, Westoby <i>Correlates of the evolution of smaller vs larger leaf size</i></p> <p>Shapcott, Auld, Baker, Hutton <i>Will the palms restricted to mountain tops on Lord Howe Island have enough...</i></p> <p>Mazanec, McKenna <i>Provenance variation in Old Man Saltbush: climate change implications for the...</i></p> <p>Storfer, Benyo, Dybdahl <i>Host pathogen local adaptation: from genes to landscapes</i></p>
<i>MORNING TEA</i>		
Applied management (ctd)	Climate change	Ecology & evolution (ctd)
<p>Mac Nally, Thomson, Working Group et al <i>Pelagic organism decline in the San Francisco Estuary: Use of multivariate...</i></p> <p>Langford, Gordon, Bastin <i>Consequences of variations and uncertainties in species distributions for...</i></p> <p>McCarthy <i>Theory for environmental management</i></p> <p>Eldridge, James, Kwok, Travers <i>Native animals maintain key ecosystem processes in degraded rangelands</i></p> <p>Davidson, Bailey, Close <i>Dependence of seedling regeneration in dry eucalypt forests on coarse woody...</i></p>	<p>Barton, Adams, Conroy, Eamus, et al <i>The Hawkesbury Forest Project: Impact of rising [CO₂] and water availability...</i></p> <p>McMurtrie, Norby, Iversen <i>Variation of NPP at a forest FACE experiment is associated with altered light...</i></p> <p>Peacock, Smith, Jones <i>The use of long term vegetation plots to study climate induced changes to...</i></p> <p>Burwell, Nakamura <i>Ants in the rainforest of the Border Ranges - invasion of cloud forest may...</i></p> <p>Burwell, Nakamura <i>The distribution of ants along an altitudinal gradient and their potential as...</i></p>	<p>Berg, Ribot, Joseph, Buchanan, et al <i>When parrots reveal their true colours: signals of quality and identity in the...</i></p> <p>O'Brien, Aguilar, Ayre <i>Ecotypic variation in Banksia spinulosa</i></p> <p>Morgan, Sutton <i>In the absence of detailed population dynamics data, do traits of plant species...</i></p> <p>Price, Gross, Whalley, Duggin <i>Productivity of the invasive wetland weed lippia (Phyla canescens) under...</i></p> <p>Tanner, Deveney, Rowling, et al <i>Caulerpa taxifolia: environmental effects and spatial risk assessment</i></p>