

Program for ASSAB 2010 Narrabri Conference

Tuesday 6th April		
7:00-9:30 pm	<i>Riverside room:</i> Informal Welcome with sausage sizzle and Registration	

Wednesday 7th April		
8:30 am	<i>Riverside room:</i> Tea/ Coffee available <i>Auditorium loby:</i> Registration.	Pg no
8:45 – 9:00 am	<i>Auditorium:</i> Housekeeping	
9:00-10:00 am	<i>Auditorium:</i> Plenary Talk Prof. Peter Gregg; Millimetres to kilometres: insect mobility and its consequences for pest management.	
10:00-10:30am	<i>Riverside room:</i> Morning Tea	
10:30-12:30 pm	<i>Auditorium:</i> Session 1 – Animal/ Plant interactions Convener: S. Downes	
10:30-10:45	The story of the elephant weevil borer <i>Orthorhinus cylindrirostris</i> . G. Murdoch , A.D. Clift, S. Mansfield	
10:45-11:00	Predicting spider mite (Acari: Tetranychidae) damage to cotton from a knowledge of their behaviour: a lesson in getting it wrong. A. A. Reddall, V.O. Sadras, L. J. Wilson , P.C. Gregg	
11:00-11:15	Mosses, moose, and mimicry. A. Gaskett , P. Marino, R. Raguso	
11:15-11:30	Floral mimicry in the orchid mantis <i>Hymenopus coronatus</i> : future research directions. J. O'Hanlon , G. Holwell, M. Herberstein	
11:30-11:45	Caterpillar behaviour on host plants. L. Perkins , B. Cribb, J. Hanan, M. Zalucki	
11:45-12:00	Choosy mites: preferences for water stressed and well watered cotton over 2 seasons and consequent plant damage. A. A. Reddall (Baker) , V. O. Sadras, L. J. Wilson, P. C. Gregg	
12:00-12:15	Do bollworm larvae show behavioural resistance to dual-toxin Bt-cotton? B. Lu , S. Downes, L. Wilson, P. Gregg, K. Knight, G. Kauter	
12:15-12:30	Supplementing natural populations of a beneficial wasp egg parasitoid for natural pest control in Northern NSW C. Carr , N. Reid, R. Gunning, J. Stanley, G. Gurr, L. Rossiter	
12:30 - 1:30pm	<i>Riverside room:</i> Lunch	
1:30 – 2:30 pm	<i>Auditorium:</i> Session 2 – The effect of Environment on Behaviour Convener: L. Wilson	
1:30-1:45	Are blue males cooler? Colour change and thermoregulation in the chameleon grasshopper (<i>Kosciuscola tristis</i>). K. D. L. Umbers , M. E. H.	

	<i>Herberstein, J. M. Madin</i>	
1:45-2:00	The twilight zone: ambient light levels trigger activity in bull ants. A. Narendra, S. Reid, J. M. Hemmi	
2:00-2:15	Cattle are able to perform their normal repertoire of behaviour in intensive production systems. R. J. Kilgour, G. J. Melville, K. Uetake, T. Ishiwata	
2:15-2:30	Does temperature restrict bulldog ants to discrete temporal niches? P. Jayatilaka, A. Narendra, P. Cooper, J. Zeil	
2:30 – 3:00 pm	<i>Riverside room: Afternoon Tea</i>	
3:00 –4:00 pm	Auditorium: Session 3 – Movement Convener: P. Taylor	
3:00-3:15	Ants and Tracks and GPS: The Knowledge-base of Jack Jumper Navigation. A. Narendra, P. Jayatilaka, S. Reid, J. Zeil	
3:15-3:30	Do long-tailed bats alter their evening activity in response to aircraft ‘noise’? D. Le Roux, J. R. Waas	
3:30-3:45	Life in the dark: vision and navigation in the crepuscular bull dog ant <i>Myrmecia pyriformis</i> . S. Reid, A. Narendra, J. Zeil	
3:45-4:00	Breeding dispersal of New Zealand falcons nesting in pine plantation forests. E. Minot, R. Seaton, J. Holland	
4:00 –4:45 pm	Auditorium: Devil’s advocate with a glass of wine Convener: M. Whitehouse Devil’s advocate: J. Zeil	
4:45 – 6:00 pm	<i>River room: Poster Session</i>	

Thursday 8th April

7:00am-5:00pm	Excursion to Pilliga Scrub (see separate sheet)	
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Friday 9th April

8:00 am	<i>Riverside room: Tea/ Coffee available</i> <i>Auditorium loby: Registration.</i>	Pg no
8:15 – 8:30 am	<i>Auditorium: Housekeeping</i>	
8:30 – 9:00 am	Auditorium: Plenary Talk A/Prof. Martin Whiting; Sexual selection and signalling in African lizards and frogs	
9:30 – 10:00 am	<i>Riverside room: Morning Tea</i>	
10:00-12:00 pm	Auditorium: Session 4 – Intraspecific interactions: reproduction Convener: N. Beausoleil	
10:00-10:15	Brush-turkey female choice: the ‘window-shopping’ hypothesis. D.	

	Wells	
10:15-10:30	Courtship behaviour in a web-building spider, <i>Argiope keyserlingi</i> . A. E. Wignall	
10:30-10:45	On the function of an enigmatic ornament: wattles increase the conspicuousness of visual displays in male fowl. C. L. Smith, D. A. Van Dyk, P. W. Taylor, C. S. Evans	
10:45-11:00	Is brighter always better? Iridescent colour-based mate selection in <i>Hypolimnys</i> butterflies. D. Kemp, D. Jones	
11:00-11:15	Sexual coevolution in a traumatically inseminating plant bug. N. J. Tatarnic	
11:15-11:30	Why workers work: pheromonal modulation of worker behavioural and physiological development in the honey bee (<i>Apis mellifera</i>). M. Peso, A. B. Barron	
11:30-11:45	Do mothers regulate siblicidal brood reduction by differentially provisioning eggs in Australian pelicans? G. Johnston, B. Rich	
11:45-12:00	Maternal Inheritance of Phase Change in the Australian Plague Locust. J.-A. Popple, G. Sword, S. Simpson	
12:00 - 1:00pm	<i>Riverside room</i> : Lunch	
1:00 - 2:00 pm	Auditorium: Session 5 – Communication & sociality Convener: G. Johnston	
1:00-1:15	Assessing assessment in salticid contests. R. McGinley, J. Prenter, P. Taylor	
1:15-1:30	Cooperative hunting by insectivorous bats: plausible possibility or preposterous hypothesis? M. Dillon, T. Staines	
1:30-1:45	The role of visual and olfactory cues in the social structuring of the endangered pygmy bluetongue lizard, <i>Tiliqua adelaidensis</i> . A. L. Fenner, C. M. Bull	
1:45-2:00	The evolution of ant cuticular hydrocarbon diversity. E. Van Wilgenburg, M. Elgar, M. Symonds	
2:00 – 2:30 pm	<i>Riverside room</i> : Afternoon Tea	
2:30 – 3:15 pm	Auditorium: Devil’s advocate with a glass of wine Convener: G. Holwell Devil’s advocate: M. Herberstein	
5:30 – Late	Conference dinner & visit to Sawn Rocks on sunset (sunset 5:50pm).	

Saturday 10th April

8:30 am	<i>Riverside room</i> : Tea/ Coffee available <i>Auditorium loby</i> : Registration.	Pg no
8:45 – 9:00 am	<i>Auditorium</i> : Housekeeping	

9:00-10:00 am	<i>Auditorium: Plenary Talk</i> Prof. Mark Elgar; Behavioural Ecology – questions constrained by perceptions?	
10:00-10:15am	<i>Riverside room: Morning Tea</i>	
10:15-11:45 pm	<i>Auditorium: Session 6 – Learning and behavioural plasticity</i> Convener: A. Gaskett	
10:15-10:30	Effects of early handling on pain sensitivity in lambs. N. J. Beausoleil, M. Guesgen	
10:30-10:45	How to distinguish between harmful and harmless events: habituation in fiddler crabs (<i>Uca vomeris</i>). T. Merkle, J. Hemmi	
10:45-11:00	Does pain in early life affect the behavioural responses of lambs to subsequent tail docking? S. Pifeleti, N. Beausoleil, C. Johnson	
11:00-11:15	Cerebral lateralisation enhances cognitive function in Australian parrot species. D. Magat, C. Brown	
11:15-11:30	Visual preferences in cow-calf dyads: lateralised vigilance and maternal bonding in domestic cattle. A. Robins, C.J. Phillips	
11:30-11:45	The relationship between brain plasticity and the onset of foraging in honeybees. L. H. Chang, A. B. Barron	
11:45 - 2:00pm	<i>Riverside room: Lunch</i> + <i>Auditorium: AGM 12:00- 1:00</i> + <i>Riverside room: Student workshop 1:00- 2:00</i>	
2:00 -3:30 pm	<i>Auditorium: Session 7 – Predator/ prey interactions & Parasitism</i> Convener: A. Narendra	
	Feather-legged Assassin Bugs select grumpy ants. M. Bulbert, A. Allen, M. E. Herberstein	
	Can spiders manipulate the biomechanical properties of their silks in response to high-velocity prey impacts and web damage? A. Harmer	
	Predatory behaviour and versatility of <i>Stenolemus giraffa</i> (Reduviidae), a web-invading, spider-eating, assassin bug. G. Soley Fernando, P. W. Taylor	
	The effects of phoretic mites on the reproductive output of the bark beetle <i>Ips grandicollis</i> . L. Hodgkin	
	Transmission network predicts ectoparasite load in the social sleepy lizard, <i>Tiliqua rugosa</i> . S. Leu, P. Kappeler, M. Bull	
	Does Intra-specific Competition Affect the Probability of Parasitism? S. Mansfield	
3:30 – 4:00 pm	<i>Riverside room: Afternoon Tea</i>	
4:00 – 5:00 pm	<i>Auditorium: Devil’s advocate with a glass of wine</i> Convener: B. Kilgour Devil’s advocate: S. Mansfield	

5:00 -5:30 pm	Auditorium: Announcement of student winners, final comments and thank yous.	
6:00 -9:00 pm	Spot lighting local fauna. Either at Mt Kaputar, Yarrie Lake or Eulah Creek. (Meet at the Crossing Theatre).	

Posters grouped into related sessions		
	Session 1 – Animal/ Plant interactions	
	Mites that farm fungi. <i>A. Clift, A. Shamshad, I. Childs, S. Mansfield</i>	
	Session 2 – The effect of Environment on Behaviour	
	Emergent behaviour in a captive colony of green-head ants (<i>Rhytidoponera metallica</i>). <i>A. Robins, R. Robins</i>	
	Hyperpole: a new capture technique for free-ranging, habituated macropods. <i>W. J. King, M. Wilson, T. Allen, M. Festa-Bianchet, G. Coulson</i>	
	Session 4 – Intraspecific interactions: Reproduction	
	Does body size affect mating behaviour and aggression in the giraffe weevil? <i>C. J. Painting, T. R. Buckley, R. J. B. Hoare, G. I. Holwell</i>	
	Mating behaviour and colour-based mate choice in the cotton harlequin bug (<i>Tectocoris diophthalmus</i>). <i>R.A. Giffney, M. Herberstein, D. J. Kemp</i>	
	How the threat of sperm competition affects male mating strategy in praying mantids. <i>L. Allen, M. Herberstein, G. Holwell, K. Barry</i>	
	Session 5 – Communication & sociality	
	Structural colouration as a multicomponent signal in the Hibiscus Harlequin Bug. <i>S. Fabricant, D. Kemp, M. Herberstein</i>	
	Social networking and stress in the eastern grey kangaroo (<i>Macropus giganteus</i>). <i>E. Best, A. Goldizen</i>	
	Session 6 – Learning and behavioural plasticity	
	Familiarity and its affect on learning in the crimson spotted rainbowfish <i>Melanotaenia duboulayi</i> . <i>E. Kydd, C. Brown</i>	
	Development and evolution of cerebral lateralization: Fishes as model organisms. <i>A. L. Bibost, C. Brown</i>	
	Session 7 – Predator/ prey interactions & Parasitism	
	Parasitoids of <i>Thaumastocoris</i> spp. in the Sydney Region. <i>D. Cross, S. Mansfield</i>	