

Conference Program AWMS 2019

(Please note, this program may be subject to change)

Time	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00	Field Trip Shorebirds				Field Trip Crocodylus Park	Workshop Drones in Wildlife Management
8:30		Welcome to Country	Nicholas Rutter The nose knows no difference? Training conservation detection dogs for endangered Stonefly species	AWMS Practical Management Award		
8:45		Keynote: G Wightman	La Toya Jamieson Making sense of what a detection dog knows	AWMS Student Travel Award		
9:00		Talking and tea: 4238 karpanti ceremonies and biocultural knowledge in north Australia	Graham Nugent Thank God they are aliens! Comparing wildlife hosts of bovine TB around the world	Hamish Campbell Tracking movements to assess the impact of fire regime and seed distribution on finch populations		
9:15			Alex Knight Coccidia and the conservation of a threatened passerine in New Zealand	Tracey Kreplins In 'dog' we trust? Reliance on a hypothesis won't save Australian mammals.		
9:30			Charlotte Tinsley Wildlife-pathogen dynamics in anthropogenic landscapes	Graeme Gillespie New perspectives on northern Australian mammal declines: synthesis and management implications		
9:45		Kiri Reihana Spraggs Kiwi monitoring tools based in mātauranga (maori knowledge)	Kerry Slater To kraal or not to kraal? protecting sheep from predators in the Karoo district of the Northern Cape, South Africa	Ian Radford Another hypothesis for small mammal declines in northern Australia		
10:00		Morning Tea	Morning Tea	Morning Tea		

10:30	Field Trip Shorebirds	B Allen Trends and issues associated with pest-proof netted fencing across south-eastern Australia		Tim Henderson How does the endangered spotted-tailed quoll coexist with the invasive red fox in a fragmented landscape?	Andrew Bengsen Camera trap methods for estimating densities of deer and poorly-marked species	Field Trip Crocodylus Park	Workshop Drones in Wildlife Management
10:45		Cheryl Lohr Two species, one island: Retrospective analysis of animal translocations with divergent outcomes		Lauren Young Increasing the target specificity of the canid pest ejector for the red fox	Tarnya Cox Looking for some hot stuff! The role of thermal imagers in wildlife surveys		
11:00		Scott Thompson A cost-effective method for searching for Bilbies		Cameron Radford Artificial eyespots on cattle reduce predation by large carnivores	Victoria Inman Drone-based effective counting and ageing of hippopotamus (<i>Hippopotamus amphibius</i>) in the Okavango Delta in Botswana		
11:15		Graham Thompson Feral fish eradication; the dose rate of rotenone must take into account the fish habitat		Tim Clancy Do 30-50 feral pigs in the (remote) yard threaten small Magpie Goose children	Larissa Potter Trialling methods to monitor the Vulnerable Kimberley Brush-tailed Phascogale (<i>Phascogale tapoatafa kimmerleyensis</i>)		
11:30		Shandala Loving Low-cost tracking technology for wildlife management	Poster + Trades Speed talks	Amelie Corriveau Magpie Geese and mangoes: managing a protected agricultural pest	Rebecca Rogers Mapping waterfowl distribution in remote landscapes using the Australian Operational Weather Radar Archive		
11:45		Poster + Trades Speed talks		Meg Edwards Why run when you can eat? Recognition of predators by northern brown bandicoots, <i>Isodon macrourus</i>	Trish Fleming Can we design a camera trap survey appropriate for both a predator and their prey? A comparison of motion triggered detection and time-lapse		
12:00		LUNCH		LUNCH	LUNCH		

13:00	Bryony Palmer The effects of boodie (<i>Bettongia lesueur</i>) warrens on soil and vegetation properties	Tracey Kreplins Do deterrents impede wild dog activity in sheep production areas?		Sebastien Comte Integrating movement and spatial ecology into a multi-scale framework for conservation and management– the devil of a case		
13:15	Emily Hynes Managing high density koala populations in Victoria: history, current status and future directions	Dave Forsyth Landscape-scale effects of homesteads, water, and dingoes on invading chital deer in Australia’s dry tropics		Jim Hone Options for evaluation of wildlife species conservation and their relative strengths of inference		
13:30	Margarita Medina Conservation priorities for marsupials based on political boundaries	John Parkes Effects of aerial 1080 baiting on non-target deer in New Zealand		Jessica Koleck A collaborative approach to conserving the endangered northern bettong (<i>Bettongia tropica</i>)		
13:45	Gavin Trewella Den selection in woodland populations of northern quolls (<i>Dasyurus hallucatus</i>)	Grant Morris Efficacy and welfare of capture methods for free-ranging red deer in New Zealand		Ann Grattidge Conservation and modelling insights for a threatened rodent in an urban-rural strong hold, northern Australia		
14:00	Cara Penton Multi-species hollow use and potential future survey methods for arboreal populations in northern Australia	Deane Smith The overlap of conservation, and agricultural exclusion fences		Saul Cowen Island hopping: translocations of hare-wallabies between remote islands		
14:15	Ganesh Pant Climate change vulnerability assessment to greater one-horned rhinoceros (<i>Rhinoceros unicornis</i>) in Nepal	David Berman Environmental impact of wild horses in the Australian Alps	Rosalie Willacy Quantifying the impacts of invasive species on focal Christmas Island birds	Magdalena Zabek Into the great wide open: collaborative management of feral donkeys in northern Western Australia		
14:30	AFTERNOON TEA		AFTERNOON TEA			

15:00		Sam Banks Population connectivity mapping to understand mammal population viability in fire-prone landscapes		Brydie Hill The development of eDNA sampling techniques for surveying broad ranging species – Gouldian Finches as a case study	Melissa Bruton Curious about cats	
15:15		Julie Broken-Brow The effects of fire on insectivorous bats and their resources in Cape York Peninsula, Australia		Rebecca French Applying viral metagenomics to ecology and wildlife management	Brooke Kennedy Reducing the threats posed by cats in remote Indigenous communities	
15:30		Matthew Chard Macropod occurrence in a fire-prone landscape		Peter Fleming DNA for managing remote free-roaming dog populations	Alistair Stewart Does feral cat baiting work? Management of the critically endangered Central Rock-rat <i>Zyzomys pedunculatus</i> in mountain refuges	
15:45		Kayler Plant Reintroduction of mosaic fire management practices across the Buckley River Key Biodiversity Area for endangered Carpentarian Grasswren		Peter Kriesner Towards a genetic risk index: assessing and managing genetic health of Victorian flora and fauna populations	Closing Ceremony	
16:00			Tamielle Brunt Sleuthing platypus (<i>Ornithorhynchus anatinus</i>) population distribution using environmental DNA, in south-east Queensland			
16:15						
16:30		Poster Happy Hour		AGM		
16:45						
17:00	Icebreaker					
18:00						

19:00		Student Dinner	Conference Dinner - Gone Troppo theme		
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