



Joint Conference of the Australian Mammal Society and Australasian Bat Society

Shine Dome, Canberra, 6–9 July 2026



Program

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Organising Committee

Garry Jolley-Rogers, Lindy Lumsden, Jacqui Marlow, Emily Scicluna, Leroy Gonsalves, Euan Ritchie, Marissa Parrott, Aviya Naccarella and Anthony Rendall

Acknowledgements

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- Chris Dickman for facilitating the hiring of the Shine Dome as a Fellow of the Australian Academy of Science
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Sarah Allen

Student Awards

The ABS Student awards have been generously donated by EcoAerial Environmental Services (Rob Gration).

Two new AMS Student Awards have been generously donated by The Foundation for Australia's Most Endangered Species Ltd (FAME), and Georgeanna Story (Scats About) for the Bruno (Barbara Triggs) Award in honour of Barbara Triggs's dedication to Australian wildlife and conservation.

Acknowledgement of Country

This conference is being held in Ngunnawal Country. We acknowledge the Ngunnawal peoples as the traditional owners of the land on which we are gathering, and pay our respects to their Elders past, present and emerging. We acknowledge and pay respect to their continuing culture and connections to land, water and community. We also acknowledge and pay our respect to all Indigenous and Torres Strait islander peoples who may be attending this conference, and to those of the lands and waters on which our research is conducted.

Program

Monday 6th July 2026

**Concurrent Symposium
Dasyurids of the Past, Present and Future
Shine Dome – Ian Wark Theatre**

08:00 – 08:30	Registration and pre-symposium coffee and tea
08:30	Emily Scicluna: Symposium opening and Acknowledgement of Country
Session 1. Chair: Emily Scicluna	
08:45 Plenary	Tim Churchill / Mike Archer: Dasyurids of the Past: fossil record, phylogeny, and evolutionary history of an Australian radiation
09:20	Erin Thomas: Quollified for release? Age and pre-release experience predict success for translocated eastern quolls (<i>Dasyurus viverrinus</i>) [AMS student]
09:35	Emily Scicluna: Genetic and morphological distinction between arid and grassland fat-tailed dunnarts
09:50 Speed talk	Ryan Sauermann: Population-level whole genome sequencing reveals patterns of population decline in endangered grassland fat-tailed dunnart (<i>Sminthopsis crassicaudata crassicaudata</i>) [AMS student]
09:55 Speed talk	Sarah Vauvert: Quoll-apse: reconstructing the demographic history of Australia's "native cat" [AMS student]
10:00-10:30	Morning Tea
Session 2. Chair: Amy Edwards	
10:30	Andrew Baker: Dassies by the dozen: Dasyurid systematics in the 21st century
10:45	Julie Old: Dasyurid immune systems
11:00	Marlon Taylor: Range and niche dynamics in small dasyurids from southern Australia
11:15	Matthew Brun: Aridity drives multi-channel feeding in the crest-tailed mulgara of the Strzelecki desert [AMS student]
11:30	Justine Barker: Living in a patchwork: seasonal home range patterns of chuditch (western quoll) in the northern jarrah forest of Western Australia
11:45	Marissa Parrott: Visible and invisible impacts of emergencies: additional considerations to aid mammal conservation and management after disasters
12:00-13:00	Lunch
Session 3. Chair: Andrew Baker	
13:00 Plenary	Diana Fisher: Dasyurids of the Present: Why are Australian dasyurids special? The evolution of male die-off
13:35	Rachael Bartlett: Gippsland spot-tailed quoll (<i>Dasyurus maculatus maculatus</i>) recovery – is translocation the next step?
13:50	Emma Gray: The utility and relative cost of using detection dogs compared to traditional methods for surveying small, cryptic mammals: a case study on the threatened Julia Creek dunnart, <i>Sminthopsis douglasi</i>

14:05	Cameron Charley: Modelling the distribution of the genus <i>Antechinus</i> (Dasyuridae) under current and future climatic conditions [AMS student]
14:20	Patrick Bragato: Using historical records to understand species range collapse and inform future rewilding attempts [AMS student]
14:35 Speed talk	Prithul Chaturvedi: Remote animal microchip scanner (RAMS) [ABS student]
14:40 Speed talk	Kathryn Cooper: Investigating morphology, behaviour and reintroduction success in captive-bred common planigale (<i>Planigale maculata</i>) [AMS student]
14:45 – 15:15	Afternoon Tea
Session 4. Chair: Marissa Parrott	
15:15 Plenary	Andrew Pask: Dasyurids of the Future: Bringing back the past to protect our future; the next generation of conservation tools for dasyurids
16:00	Pierre Ibri: Assisted evolution of cane toad toxin resistance in northern quolls
16:15	Aliesha Dodson: Life beyond the fence
16:30	Brittany Brockett: Factors influencing multiple paternity: insights from the eastern quoll (<i>Dasyurus viverrinus</i>) [AMS student]
16:45 Speed talk	Katarzyna Filimonow: ART (Assisted Reproductive Technologies) in service for Dasyuridae conservation
16:50 Speed talk	Naomi Tappe: Challenges in marsupial fertilisation: adapting IVF and ICSI for the dunnart
16:55 Speed talk	Alexandria Bullen: Taking the ‘pulse’ of wildlife populations: development of a veterinary population health assessment framework for a marsupial carnivore [AMS student]
17:00 Speed talk	Steph Williams: Holy quolly – a significant range extension for the northern quoll in Western Australia
17:05	End of Symposium
Science communication panel discussion Shine Dome – Ian Wark Theatre	
18:30 – 20:00	Join us for a panel discussion on science communication for real-world impact, featuring speakers with experience engaging audiences across government, industry, and the public. Together, we’ll explore practical strategies for making conservation science resonate beyond academia. Hosted by A/Prof Jen Martin and including a great panel of speakers, this session will include plenty of time for audience questions and discussion.

Monday 6th July 2026

Concurrent Symposium

Bats and Wind Farms: Research to Inform Risk Reduction

National Film and Sound Archive, Arc Theatre
(across the road from the Shine Dome)

08:00 – 08:30	Registration and pre-symposium coffee and tea
08:30	Lindy Lumsden: Symposium opening and Acknowledgement of Country, notices and housekeeping
Session 1: Assessing risk – Chair Lindy Lumsden (Slido Ben Lawrence)	
08:45 Plenary	Michael Whitby: A whirlwind tour of global lessons in bat and wind conflict and the path to coexistence
9:30	Carissa Harris: Vulnerability of bats in Australia to wind turbine mortality: a trait-based assessment [<i>ABS student</i>]
9:45	Julia Ryeland: Assessing collision risk likelihood of Australian bats at wind farms
10:00	Pia Lentini: Analysis of a large-scale telemetry dataset to quantify wind turbine collision risk for the Grey-headed Flying-fox
10:15	Felicity Williams: What height do microbats fly? Using stereo-thermal imaging and ultrasonics to measure species-specific flight heights for wind energy impact assessment
10:30-11:00	Morning Tea
Session 2: Ecology to inform risk assessments – Chair Emmi van Harten (Slido Anna Langguth)	
11:00	Kyle Armstrong: Pioneering the application of micro-doppler radar to the classification of Australian bats
11:15	Trish Fleming: Radar revealing flight height for Pilbara bats
11:30	Elizabeth Williams: Tracking Ghost Bats and other threatened cave-dwelling bats in southern Cape York
11:45	Laura Ruykys: Home range and movement of the Ghost Bat (<i>Macroderma gigas</i>) in the Katherine region, Northern Territory
12:00	Sarah Grundy: Site fidelity and inferred colony inter-connectivity in <i>Rhinonicteris</i> from pit tagging
12:15 Speed talk	Angus Dempster: Bat activity patterns of the inland Pilbara region: baseline data for renewable energy assessment
12:20 Speed talk	Brandi Simmons: Searching for Pilbara Leaf-nosed Bat roosts - lessons from the field
12:25-13:30	Lunch
Session 3: Informing risks and assessing impacts – Chair Emma Bennett (Slido Amanda Bush)	
13:30	Amy Rowles: Seasonal migration of <i>Austronomus australis</i> (White-striped Freetail Bat) [<i>ABS student</i>]
13:45 Speed talk	Meagan Underdown: Using machine learning transformers to explore bioacoustic niche separation in bat sonotypes: a case study with a critically endangered South Australian bat [<i>ABS student</i>]
13:50 Speed talk	Michael Pennay: Dinner conversations: how feeding sequences can solve ID headaches – buzz for answers!
13:55 Speed talk	Tenaya Duncan: Dinner or decay? Seasonal carcass persistence at a proposed Pilbara wind farm

14:00	Tracy Lyten: Reassessing monitoring effort and carcass persistence: insights from intensive bat mortality surveys at a Victorian wind farm
14:15	Lindy Lumsden: Species-specific mortality estimates of bats at wind turbines in Victoria, including spatial and temporal patterns
14:30	Julia Ryeland: Environmental and climatic drivers of echolocating bat fatality at Australian wind farms
14:45	Rachel Leihy: Assessing collision impacts on threatened bat populations
15:00 – 15:30	Afternoon Tea
Session 4: Mitigations and future directions – Chair Michael Whitby (Slido Tomás Villada-Cadavid)	
15:30	Stevie Florent: Testing the efficacy of acoustically triggered curtailment in Australia
15:45	Amanda Bush: Bat activity patterns in relation to wind speed and other weather variables in southwest Victoria
16:00	Kyle Armstrong: Trialling tech for application in windfarm assessments and mitigations
16:15	Jayden O'Brien: Roost, reincarnated: the journey from concept to commissioning of an artificial roost in the Pilbara
16:30 Plenary	Emma Bennett: Punished for looking: detection-driven regulation and the failure of bat protection at Australian wind farms, and where to from here
16:55	Lindy Lumsden: Summing up and thanks
17:00	End of Symposium
Science communication panel discussion Shine Dome – Ian Wark Theatre	
18:30 – 20:00	Join us for a panel discussion on science communication for real-world impact, featuring speakers with experience engaging audiences across government, industry, and the public. Together, we'll explore practical strategies for making conservation science resonate beyond academia. Hosted by A/Prof Jen Martin and including a great panel of speakers, this session will include plenty of time for audience questions and discussion.

Tuesday 7th July 2026

Joint AMS/ABS conference

Shine Dome – Ian Wark Theatre, with additional seating in the Ballroom

07:30 – 08:30	Registration and pre-conference coffee and tea
08:30	Euan Ritchie: Conference opening and Welcome to Country Notices and housekeeping
08:50 Plenary	Ellis Troughton Memorial Award (2025) plenary presentation: Prof. David Lindenmayer: The importance of long-term monitoring in tracking the trajectory of mammal populations across their distributions
Session 1. Chair: Meg Edwards (Slido assistants: Grace Holland, Jack Le Fevre)	
9:20	Katherine Warwick: PFAS in the platypus: a growing dataset and its implications for freshwater contamination monitoring [AMS student]
9:30	Nyssa Braid: Bats & belonging: arts role in facilitating connection [ABS student]
9:40	Hannah Christensen: Who's top dog? Individual identification reveals female dominance in apex predator social networks around a shared resource [AMS student]
9:50	Oli Ayleen: Arid zone bats and fenced conservation reserves [ABS student]
10:00 Speed talk	Campbell Mole: Development of a viable GPS tracking method for Leadbeater's possum (<i>Gymnobelideus leadbeateri</i>) [AMS student, ABS student]
10:05 Speed talk	Sarah Yong: Bright lights, loud noise: how does a light festival impact microbats? [ABS student]
10:10 Speed talk	Ella Loeffler: Dingo Starr: identifying individual dingoes to estimate population size and density in East Gippsland using SECR analysis [AMS student]
10:15 Speed talk	Fabian Sauchelli: The evolutionary history of Australasian bats and their environmental context [ABS student]
10:20	Question time for speed talks
10:30-11:00	Morning Tea
Session 2. Chair: Pat Finnerty (Slido assistants: Kelsey Graham, Lachlan McRae)	
11:00	Melissa Walker: Energetic costs of extreme heat: high temperatures elevate daytime activity and suppress nighttime foraging in flying-foxes
11:10	Katherine Best: Den and now: a before–after assessment of nest box adoption in southern greater gliders
11:20	Sanjeev Baniya: Bridging the gap: integrating physiology, ecology and biophysics to investigate overwinter energy budgets of an Australian bat [ABS student]
11:30	Meg Farmer: Investigating the movement ecology of long-nosed potoroo within the context of a feral cat eradication program [AMS student]
11:40	Kathryn Bugler: From zoo to roo: Developing an accelerometer-based behavioural classifier for red kangaroos [AMS student]
11:50	Jasmin Annett: Linking biomechanics and ecology: resonance as one of the drivers of movement efficiency in large kangaroos [AMS student]
12:00 Speed talk	Tiah Bampton: Boring as bat ... poo: stable isotopes of bat guano and potential applications for conservation biology

12:05 Speed talk	Matthew Houston-Francis: The FaunaHealth Index: a holistic approach to mammal community health [AMS student]
12:10 Speed talk	Loren Howell: Investigating human impacts on fruit bat populations in the past by applying morphometric, multivariate, and palaeoproteomic techniques to Lapita midden assemblages from Vanuatu [AMS student, ABS student]
12:15 Speed talk	Nicholas Handros: How critical weight range mammals persist in fragmented landscapes [AMS student]
12:20 Speed talk	Lorien Watts: The original mammal fauna of the Nullarbor [AMS student]
12:25 Speed talk	William Terry: Performance and trade-offs in artificial hollow designs across three installation cohorts [AMS student]
12:30	Question time for speed talks
12:40-13:40	Lunch
Session 3. Chair: April Reside (Slido assistants: Oil Aylen, Nicholas Wu)	
13:40	Ava Thomas: The impact of nutrition on koala tree revisitation [AMS student]
13:50	Emmet Mulcahy: Social dimensions of invasive species management: a global systematic review [AMS student]
14:00	Selina Kosak: Long-term monitoring to determine the suitability of artificial habitat for insectivorous bats [AMS student, ABS student]
14:10	Jack Le Fevre: The role of nutrition in shaping koala abundance [AMS student]
14:20	Cinthia Pietromonaco: Evaluating the effects of storage, preservation and filtering thresholds on repeatability in faecal metabarcoding studies of flying fox (<i>Pteropus</i>) diets [ABS student]
14:30	Annie Kraehe: Climate-informed species distribution models as a framework for targeted discovery of Pleistocene stick-nest rat middens in arid Australia [AMS student]
14:40	Kushini Kularatne: What drives female dominance in a social rodent: the spinifex hopping mouse (<i>Notomys alexis</i>) [AMS student]
14:50 Speed talk	Rohan Bilney: Boom and bust in a temperate forest ecosystem: long-term changes in terrestrial mammal occurrence in response to climatic variability and wildfire in Eden, NSW.
14:55 Speed talk	Emma Godfrey: Predators removed, behaviours retained? A trans-Tasman test in common brushtail possums [AMS student]
15:00 Speed talk	Charlie Dobe: From Quolls to `Coots: camera-based density estimation in a multi-species reintroduction program [AMS student]
15:05 Speed talk	Isabella Picone: Assessing small mammal diversity and relative abundance six-years after the 'Black Summer' drought: have small mammals at Springbrook National Park in south-east Queensland recovered? [AMS student]
15:10 Speed talk	Lauren Sandy: In the shadow of light and music: the response of insectivorous bats to nighttime recreational events [ABS student]
15:15 Speed talk	Greta Frankham: Taxonomic revision of the eastern pygmy possum, <i>Cercartetus nanus</i> (Desmarest 1817) and resurrection of <i>Cercartetus unicolor</i> (Krefft 1863)
15:20	Question time for speed talks
15:30 – 16:00	Afternoon Tea

Session 4: Poster Session

16:00-17:30	Adam Fawcett: Current management of the bush-tailed rock-wallaby (<i>Petrogale pennicillata</i>) within Warrumbungle NP Adam Reade: The effect of vorticity on the heat budgets of flying animals [ABS student] Alison Hoeger: Sobering stats on the cat catastrophe facing Australian bats Anna Langguth: Seasonal changes of white blood cell counts in the southern bent-wing bat (<i>Miniopterus orianae bassanii</i>) [ABS student] Caragh Threlfall: The demographic costs of urban habitat use in a widespread insectivorous bat Catriona Campbell: Applying MassARRAY® genotyping to wild, non-invasively collected scats for an endangered species – the broad-toothed rat (<i>Mastacomys fuscus mordicus</i>) Doug Gimesy/Matthew Mo: On both sides: photographs demonstrating flying Grey-headed flying-foxes vary the side on which they carry their pups Emily Simpson: Recovery after the Black Summer bushfires: are mammals' functional contributions changing in the Blue Mountains World Heritage Area, NSW, Australia? [AMS student] Emma Heath: Supplementary use of acoustic lure in targeted microbat trapping survey indicates increased trapping success Erin Scase: Application of assisted reproductive technologies for the derivation of bufotoxin resistant marsupials [AMS student] Fabian Sauchelli: Character displacement in arid sheath-tailed bats Fernanda Tique Bernal: Rapid acoustic assessment of bat assemblages across multiple habitats: an ecological baseline for the Hunter Wetlands Centre, NSW [AMS student, ABS student] Fraser Smith: Turn it up! <i>Ozimops</i> love this station [AMS student, ABS student] Gemma O'Brien: Does postnatal growth and reproductive development of <i>Pteropus scapulatus</i> align with age classes? George Madani: Size does matter: detectability of arboreal mammals using thermal cameras and spotlighting Hayley Stannard: Kultarr behaviour in captivity Jasmine Kasper: Dinner for two (species): the diets of feral cats and ghost bats [AMS student, ABS student] Jo Isaac: How do location and landscape features influence occupation rates in artificially created tree hollows Kai Walker: Thermal physiology of urban insectivorous bats in different roosts [ABS student] Kelly Sheldrick: Hidden in the forest: insights into the western falsistrelle bat Kyle Armstrong: Quantifying value and roost use in Pilbara bats of conservation significance Levi MacDonald: Do European and Australian Vespertilionidae share social call similarities? Investigating Finlayson's cave bat [ABS student] Maree Treadwell Kerr: Bats in FNQ backyards: citizen science empowering communities to assist bat research and conservation
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	Mason Visser: Picky teds: day-time habitat use and tree preference of translocated koalas in south-east Queensland [AMS student] Meg Edwards: How do you conserve what you cannot find? A case study from a threatened Australian rodent Melissa Jensen: Assessing stress during reintroduction: faecal glucocorticoid metabolite analysis as an indicator of stress during reintroduction and acclimation of a threatened Australian marsupial [AMS student] Melissa Walker: Aquatic and terrestrial heart rates in fur seals: evidence for delayed metabolic processing Nicholas Wu: Local climate and genetic influence on the torpor physiology of a cave-roosting bat Rochelle Steven: Insights into the urban ecology of the critically endangered western ringtail possum and limitations of short-term citizen science projects Ryan Ellis: Ghosts of mining's past, present, and future: the importance of abandoned mine workings for the threatened ghost bat Ryan Sarre: Rapid assessment of mouse abundance across Australia to predict house mouse outbreaks Sophie Compton: Identification and palaeoecology of the Pleistocene bat assemblage from Cathedral Cave, Wellington [ABS student] Tracy Lyten: Conservation detection dogs as a survey methodology for locating active kowari (<i>Dasyuroides byrnei</i>) burrows in an arid pastoral landscape Trish Fleming: BushGuardian: a smart trap for feral cats Willow Bourke: Genetic rescue of the southern brush-tailed rock-wallaby Yamila Gurovich: The oral shield as a trigeminal mechanosensory navigation organ in newborn dasyurids: a new hypothesis for marsupial teat-finding
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Wednesday 8 th July 2026	
Joint AMS/ABS conference	
Shine Dome – Ian Wark Theatre, with additional seating in the Ballroom	
08:00 – 08:30	Registration and pre-conference coffee and tea
Session 1. Chair: Leroy Gonsalves (Slido assistants: Meg Farmer, Sujatha Mayadunnage)	
08:30 Plenary	ABS President's Early to Mid-career Researcher Award: Emmi van Harten: Review of effectiveness of wind farm collision risk avoidance and mitigation measures for bats
9:00	Tomas Villada-Cadavid: Intrinsic and environmental drivers of torpor and arousal during hibernation in the critically endangered southern bent-winged bat [ABS student]
9:10	Kelsey Graham: Global fur traits: from Arctic thick to desert slick [AMS student]
9:20	Brad Law: Forest voices: landscape-scale monitoring of forest fauna using acoustic sensors, artificial intelligence and robust analytics

9:30	Lachlan McRae: Genetic structure emerges at different spatial scales in two co-occurring threatened bats, <i>Chalinolobus dwyeri</i> and <i>Vespadelus troughtoni</i> [ABS student]
9:40	Robin Rowland: Physiological tools for monitoring urban impacts at the roost level in insectivorous bats [ABS student]
9:50	April Reside: Global bat pest suppression services - state of knowledge
10:00	Graeme Coulson: Fertility control of female bare-nosed wombats with levonorgestrel implants
10:10 Speed talk	Michelle Ryan: The Hawkesbury-Nepean platypus project: tracing metal contaminant pathways in an urban river system
10:15 Speed talk	Shana Ahmed: Talking bats
10:20	Question time for speed talks
10:30-11:00	Morning Tea
Session 2. Chair: Alicia Dimovski (Slido assistants: Kushini Kularatne, Lauren Sandy)	
11:00	Imogen Dumville: The interaction of diet, nutrition, and the microbiome: long-term non-invasive sampling of the koala [AMS student]
11:10	Mei-Ting (Magic) Kao: Investigating links between roost density, social networks, and vocal variation in a common urban-dwelling bat [ABS student]
11:20	Sujatha Mayadunnage: Investigation of animal-vehicle collisions: incidents, consequences, mitigation, and human dimensions [AMS student]
11:30	Eliza Stott: Treatment of sarcoptic mange in wombats using moxidectin [AMS student]
11:40	Ruvi de Mel: Going places: population differences in sensitivity to climate warming revealed by virtual transplants in a widespread bat [ABS student]
11:50	Grace Holland: Assessing the reliability of current scoring systems for detecting sarcoptic mange in free-ranging wombats [AMS student]
12:00	Kirstie Starr: Shrinking forests, shifting fauna: urbanisation and changing occupancy of arboreal mammals in Southeast Queensland, Australia [AMS student]
12:10 Speed talk	Damian Milne: A new species of bat for Australia – the coastal wattled bat (<i>Chalinolobus orarius</i>)
12:15 Speed talk	Anne Musser: Residence and resilience of platypuses through multiple desedimentation works in the Blue Lake, Jenolan Karst Conservation Reserve (JKCR)
12:20 Speed talk	Kenny Travouillon: The skull of <i>Wanburoo hylarous</i> , an early sthenurine kangaroo from middle Miocene deposits of the Riversleigh World Heritage Area, Queensland, Australia
12:25 Speed talk	Alison Martin: Effective bat box monitoring: a case study in some 'do's' and 'don'ts' for both bat ecologists and project managers
12:30 Speed talk	Anthony Rendall: Feral cat foraging on Phillip Island reveals prey selectivity
12:35	Question time for speed talks
12:45-13:45	Lunch
Session 3. Chair: Marissa Parrott	
13:45	AMS President's Early Researcher award: Emily Roycroft: Genomic insights on the evolution and extinction of Australian mammals

Session 3. Chair: Linette Umbrello (Slido assistants: Campbell Mole, Melissa Walker)	
14:15	Abby Dennien: Are Pookila leaving a trace? Trialling eDNA as a survey method [AMS student]
14:25	Cate Oldham: Hidden coastal corridors: drainage culverts for wildlife road crossing in the Otways
14:35	Maddison Randall: Navigating the night: ecomorphological adaptations in the inner ears of bats [AMS student, ABS student]
14:45	Bonita Mendel: Integrating multiple species traits into population viability analysis for rewilding success [AMS student]
14:55	Rika Nakagawa: Evolutionary adaptations of the axial musculoskeletal system underlying bipedal hopping in macropodid kangaroos
15:05	Samantha Smith-Kemp: Breaking the limits: inclusion of extinct marsupials increases the cranial diversity of marsupial mammals [AMS student]
15:15 Speed talk	Diana Prada: Filling the gap: genetic characterisation of the Kimberley ghost bat population
15:20 Speed talk	Kerryn Fox: Designing a robust monitoring program for seemingly trap un-happy Woylies (<i>Bettongia penicillata ogilbyi</i>)
15:25 Speed talk	Ben Lawrence: Ghost bats and anthropogenic noise: a multidisciplinary approach to develop noise effects criteria
15:30 Speed talk	Elizabeth Eyre: Using science to link community knowledge and advance our understanding of the oceanic cetacean fauna of Sydney, NSW
15:35 Speed talk	Ana Gracanin: Seeing inside the hollow: 3D modelling of tree hollows used by greater gliders and other hollow-dependent mammals
15:40 Speed talk	Helena Bender: The Flattened Fauna Index
15:45	Question time for speed talks
15:55 – 16:20	Afternoon Tea
16:20 – 17:45	Concurrent Annual General Meetings Australian Mammal Society AGM – Ian Wark Theatre, Shine Dome Australasian Bat Society AGM – Ian Potter House Ballroom, Shine Dome

Thursday 9 th July 2026	
Joint AMS/ABS conference	
Shine Dome – Ian Wark Theatre, with additional seating in the Ballroom	
08:00 – 08:30	Registration and pre-conference coffee and tea
Session 1. Chair: Tiah Bampton (Slido assistants: Emmet Mulcahy, Jasmine Annett)	
08:30	Euan Ritchie: The conservation of Victoria's mammals
08:40	Nicola Hanrahan: Nocturnal rhythms: emergence and return patterns of ghost bats at Kohinoor Adit

08:50	Ben Wagner: Implications of active forest management for arboreal mammals
9:00	Linette Umbrello: Lonely ghosts: conservation genomics of a threatened bat (<i>Macroderma gigas</i>) confirms low gene flow and high roost fidelity across northern Australia
9:10	Thomas Newsome: Mammals as scavengers in Australia
9:20	Linda Neaves: Reintroduced eastern bettong diet and changes in fungal composition
9:30	Elsa Kohane: Bats in backyards: using citizen science to monitor insectivorous bats across NSW
9:40	Zenon Czenze: Let's talk about sex ... and how it affects thermal physiology
9:50	Fred Ford: Range expansion or re-discovery? The long-footed potoroo in NSW
10:00 Speed talk	Matthew Rees: Remodelling a national monitoring program to forecast rodent outbreaks
10:05 Speed talk	Joanne Connolly: Post-release fate of rehabilitated swamp wallabies
10:10 Speed talk	Linda Broome: Emergency feeding of mountain pygmy-possums after the Black Summer fires in January 2020 and subsequent responses
10:15 Speed talk	Vera Weisbecker: Of babies and bathwaters: determining how much variation coincides with phylogenetic structure in comparative analyses
10:20	Question time for speed talks
10:30-11:00	Morning Tea
Session 2. Chair: Ruvi de Mel (Slido assistants: Hannah Chistensen, Robin Rowland)	
11:00	Amy Edwards: Evaluating non-target risk in baiting programs
11:10	Catherine Kemper: 45 years of monitoring cetacean mortalities in South Australia: can this shed light on the 2025 harmful algal bloom?
11:20	Harry Rust: PACBAT – uniting the Pacific Islands in bat conservation [<i>ABS student</i>]
11:30	Ashley Dungan: Loss of microbial functional diversity under captivity may undermine reintroduction success
11:40	Benjamin Walker: Evolution and drivers of long-distance vocal communication in mammals
11:50	Sonja Elwood: Life in the big city – identifying bandicoot presence in the Sydney urban matrix
12:00	Kelly Sheldrick: Autumn swarming-like behaviour in Australia's chocolate wattled bat
12:10	Jemma Cripps: Fire severity and habitat quality shape post-fire densities of the southern greater glider
12:20	Tyrone Lavery: On the hunt for a better catalogue of mammal diversity in the Trans-Fly region of Papua New Guinea
12:30 Speed talk	Matthew Mo: A status update on the coordination of flying-fox monitoring in New South Wales
12:35 Speed talk	Kate Bryant: Enhancing monitoring and identifying critical habitat values for an urban bandicoot
12:40 Speed talk	Peter Shaughnessy: Vagrant Subantarctic fur seals in southern Australia from 2005 to 2024
12:45 Speed talk	Emma Fitzsimmons: Response of extant small desert mammals to feral predator exclusion fencing
12:50	Question time for speed talks

13:00-14:00	Lunch
Session 3. Chair: Nicola Hanrahan (Slido assistants: Lorien Watts, Willian Terry)	
14:00	Alicia Dimovski: When ghosts ghost you: using non-invasive hormone monitoring to study ghost bat physiology
14:10	Patrick Finnerty: Emerging tools for rewilding beyond-the-fence
14:20	Maree Treadwell Kerr: Enhancing the experience of a flying-fox roost
14:30	Nell Glover: 10 species in 10 years: a review of the Mt Gibson Mammal Restoration Project
14:40	Matthew Lott: Comparative genomics reveals insights into the speciation of four Australian flying-foxes
14:50	Tim Henderson: Movement ecology of brushtail possums reintroduced to a desert environment
15:00	Dan Lunney: An historical perspective (1980–2005) on bat research in State Forests during woodchip operations in south-east NSW
15:10	Sarah Curran: To help or to harm in the heat: principles for guiding intervention thresholds to minimise harm in flying-fox heat stress events
15:20	Leroy Gonsalves: Seeing and hearing the bigger picture: landscape-scale monitoring of fauna in NSW timber production forests
15:30 Speed talk	Rachel Ladd: Assessing reintroduction success: an overview of brush-tailed bettong establishment at Mallee Cliffs National Park, NSW
15:35 Speed talk	Steve Griffiths: Evaluating the pros and cons of mechanically carved tree hollows for habitat restoration and wildlife conservation programs
15:40 Speed talk	Nadia Nieuwhof: Understanding pookila subpopulation baselines in New South Wales and Tasmania
15:45 Speed talk	Damian Milne: The ABS and AMS Australian mammal mapping project – an update
15:50	Question time for speed talks
16:00 – 16:30	Afternoon Tea
Session 4. Chair: Euan Ritchie	
16:30 Plenary	Plenary presentation: Prof. John Woinarski: Changing status of Australia’s mammal fauna: past and future
17:00 – 17:20	Student Awards
17:20 – 17:30	Close and thanks

Note that students who are members of either the Australian Mammal Society or the Australasian Bat Society are eligible for the student awards from the two societies. This is indicated in the program above using [AMS student] and [ABS student]. These awards will be presented in the final session of the conference on Thursday.



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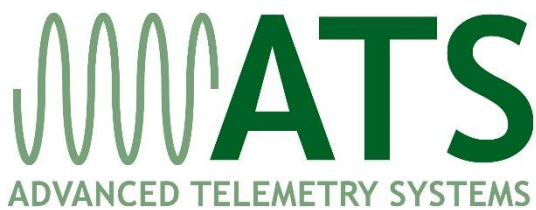
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