

AOC2025 program

Monday 17 November	
	WORKSHOPS
09:00-15:00	Mapping the sensitivity of Australia's Avifauna to renewable energy infrastructure using the free online siting tool AviStep: A vital first step in achieving nature-safe renewable energy projects. Organisers: Tris Allinson (BirdLife International), Dr Golo Maurer, Dr Yuna Kim (BirdLife Australia)
08:30-12:00	Citizen Advocacy: Native Vegetation Protection for Birds in WA Organisers: Viv Read and Mark Henryon (BirdLife WA Advocacy Committee)
17:30-19:00	Registration and Sundowners at UWA tavern

Tuesday 18 November	
06:30-08:30	Morning bird walk
08:00-09:00	Registration at UWA Business school
09:00-09:30	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) Welcome to Country by Simon Forrest , Wadjuk Nyoongar Elder and accompanying dance group Welcome by BirdLife Australia CEO Kate Millar and Opening of AOC by Rob Davis
09:30-10:00	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) Opening Plenary, Chair: Rob Davis Kristal Cain <i>Chasing birds and shiny squirrels: Challenging unchallenged assumptions and asking unasked questions</i>
10:00-10:30	Morning tea

10:30-12:30	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Behavioural Ecology	Avian ecotoxicology & disease preparedness	Recent advances in Australasian shorebird science	Applications of and advances in EcoAcoustics and bioacoustics
Chairs	Samuele Ramellini	Tanya Loos	Brigita Hansen	Brendan Doohan
10:30-10:45	Social interactions are related to cognitive development in Western Australian Magpie fledglings Lizzie Speechley	AviFluMap: An interactive tool to assess H5N1 Avian Influenza incursion risk in Australia via migratory birds Marcel Klaassen	Movement Ecology of migratory shorebirds in the Exmouth Gulf: updates from satellite tracking of Bar-tailed Godwits Dan Lees	Automating identification at the ecosystem scale: a custom recogniser for Australian woodland birds Victoria Austin
10:45-11:00	Trading off reproduction and moult across the year in an arid-adapted species *Clara Orford	Exposure to mercury and polychlorinated biphenyls affects the thyroid function of an Australian seabird Dayanthi Nugegoda	High site fidelity in Australian Pied Oystercatchers - a story of tracking, tides and déjà vu Yonina Eizenberg	Optimising bioacoustic surveys: A novel methodology for validating automated signal detection in targeted bird monitoring *Christopher Johnson
11:00-11:15	Quantifying moult and breeding phenology at a continental scale in the Zebra Finch *Tennison Gurumayum	Exposure to persistent organic pollutants in Australian waterbirds Damien Nzabanita	Surviving the times: 50 years of migratory shorebird population dynamics on Australian coasts Tobias Ross	Seasonality and roost site fidelity of a Night Parrot, <i>Pezoporus occidentalis</i> , in the western Great Sandy Desert Stewart Ford
11:15-11:30	Effect of individual quality on parental coordination during incubation and chick rearing in a passerine *Clara Borrel	Emerging toxicological threats to Carnaby's Cockatoos (<i>Zanda latirostris</i>) in Western Australia Anna Le Souef	Double-banded Plover migration patterns: embarking on a resighting project together Katie Gray	Harvesting note annotations: A hybrid feature extraction and unsupervised clustering pipeline for improved bioacoustic detection *Callan Alexander
11:30-11:45	Pollination bird strategies across continents: a long travel from the Eastern Colombian Andes mountains to the forests of Sydney *Jeniffer Gomez Camargo	Going owl-friendly: How grassroots advocacy is protecting native birds from dangerous rodenticides *Poppy Mahon	Tracking the endangered Australian Painted-Snipe to guide conservation Matthew Herring	Recapturing the past: Applying modern multi-species classifiers to historical acoustic data in the Grampians National Park/ Gariwerd Liam Meredith
11:45-12:00	Female Barn owl behavior following human nest-box disturbance *Shakinah Ravindran	Rodenticides in two Southwest owl species: What factors drive exposure? Michael Lohr	The Journey of Ponyo Snipe Lori Gould	Describing the vocal culture of the critically endangered Western Ground Parrot *Joseph Jantke
12:00-12:15	The non-breeding movement ecology of Cape Barren Geese in southern Victoria *Vincent Knowles	Exposure of Australian raptors to lead (Pb) in a global context Jordan Hampton	Motus automated telemetry reveals new insights into nocturnal and low tide habitat use is coastal shorebirds *Maxime Marini	Counting the chorus: Call density from classifiers Tom Denton

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12:15-12:30	Exploring the ontogeny of personality in Little Penguin chicks *Arisha Silverlake	What can feathers tell us about the metal concentrations in internal bird tissues: An analysis of the global literature *Mattea Taylor	Continental scale spatial analyses reveal the landscape predictors of shorebird abundance, diversity and richness *Callum Gapes	Spatial Mark-Resight models with acoustic data Stephen Marsland
12:30-13:30	Lunch			
12:40-13:20	Lunchtime workshops			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Zoology Conference Room
	The Good, the Bad, (and the Messy) of Species Recovery Andrew Hunter & Davide Gaglio (BirdLife Australia)	Multi-Spot Sampling, INTELINK, and the Path from Supervised to Unsupervised Learning for Behavior Recognition Guozheng Li (Druid Technology), Dr. Hui Yu (Deakin University), Lin Yan (Druid Technology)	The Hitchhiker's Guide to Sound Localisation Michael Maggs (Frontier Labs)	Australian Bird and Bat Banding Scheme - Framework discussion Nathan Perring (ABBBS)
Excursion	Mortality addition to Birdata: tracking the fate of the birds we love Tanya Loos (BirdLife Australia)			
13:30-15:00	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Behavioural Ecology	Birds on Country: Indigenous knowledge & conservation of birds	Recent advances in Australasian shorebird science	Applications of and advances in EcoAcoustics and bioacoustics
Chair	Inka Pleiss	Catherine Young	Sara Ryding	Susan Fuller
13:30-13:45	Mimicry under pressure: Investigating accuracy variations in Brown Thornbill alarm call mimicry *Kushini Kalupahana	A tern for the better: First Nation collaborations to protect Fairy Terns Ngarrindjeri rangers	Documenting conservation action for shorebird conservation in the East Asian-Australasian Flyway Elize Ng	Tailoring automated call processing for waterbirds in south-eastern Australia Harriet Kulich

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Chair	Inka Pleiss	Catherine Young	Sara Ryding	Susan Fuller
13:45–14:00	Global distribution and evolution of mixed-species flocking in birds *Yiqing Chen	Restoration of estuarine conditions transforms tropical wetland bird communities in North Queensland Mungalla Aboriginal Corp	Do red foxes pose a predation risk to roosting shorebirds? Faecal DNA and camera trap analysis *Louise Williams	Extending condition metric applications to acoustic data Courtney Melton
14:00–14:15	Non-breeding social stability mitigates conflicts when re-establishing territories in the Superb Fairy-wren (<i>Malurus cyaneus</i>) *Samuele Ramellini	Fire and Feathers: Managing Country for threatened species outcomes South-East Tasmanian Aboriginal Corporation	Diet of the Western Hooded Plover (<i>Thinornis tregellasi</i>) in a coastal environment: insights from DNA metabarcoding *Kirrily Hastings	Automated sound localisation to estimate spatial positions of the endangered Australasian Bittern *Eirene Carajias
14:15–14:30	Dance behaviour in cockatoos: implications for cognitive processes and welfare *Natasha Lubke	Looking for and Looking after Kulkurru (Night Parrot) Ngururrpa Ranger Team	Stable isotopes reveal plasticity in plant basal nutrients of shorebird food chains across spatial scales Andrea Griffin	Automated acoustic recognition of a rare species with extremely limited training data: Can training data from other regions improve recogniser performance in the field? *Bryony Margetts
14:30–14:45	The bold and the fearful: Effects of human interactions on escape behaviour and breeding success in a protected threatened bird, the Hooded Plover *April Timmis	Wings of Renewal - combining cultural pride and customary practices to combat the effects of climate change in the Central Great Southern Region of WA Badgebup Rangers	Shape-shifting in relative wing length of juvenile shorebirds: no evidence of developmental temperatures driving morphological changes Sara Ryding	Integrated species distribution modelling of Australian Babblers in the semi-arid Mulga Lands of south-west Queensland Nina Scarpelli
14:45–15:00	Temperature variation across habitats and consequences for superb fairywren (<i>Malurus cyaneus</i>) foraging behaviour *Franziska Hacker	Protecting Kurrual Kurrual (night parrot) using Martu Traditional Knowledge and Collaborative Conservation Terrance Jack (Martu People & Jamukurnu-Yapalikurnu Aboriginal Corporation)	Coastal shorebirds delay maturity more than inland ones Danny Rogers	Using bioacoustics to locate an elusive and endangered bird; the search for the SA Bassian Thrush in the southern Flinders Ranges Darcy Whittaker

15:00-15:30	Afternoon tea			
15:30-16:30	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Behavioural Ecology	Conservation-industry partnerships	Open Forum	Applications of and advances in EcoAcoustics and bioacoustics
Chair	Juli Gaviraghi Mussoi	Kerryn Herman	Caitlin Dagg	Susan Fuller
15:30-15:45	Investigating the relationship between heat-mediated cognitive impairment and antipredator response in a wild bird Camilla Soravia	A long-term partnership – the benefits of co-operation Kerryn Herman	Identifying Australian bird communities using semi-structured citizen science data: strengths and limitations *Jonathan Mills-Anderson	Understanding bird resilience to fire in Victoria: A landscape-scale ecoacoustic approach Karen Rowe
15:45-16:00	Neural mechanisms underlying the heat calling behaviour in Zebra Finches *Amira Sophia Syed Peer Mohamed	How forestry management shape birdlife in Tasmania *Weiyi Wang	Implications of landscapes dominated by forest plantations on bird species Eliza Thompson	Rebound from restoration: Assessing the diversity of bird assemblages in revegetated and remnant patches of Critically Endangered lowland subtropical rainforest *Marley Borrow
16:00-16:15	Evidence of a heat-moderated link between associative learning performance and anti-predator behaviour in a wild bird *Edward Galluccio	Integrating conservation and agriculture: Expanding Bittern-friendly wetland management across southern Australia Sandra LeClair	Climate change and habitat dynamics: Implications for resident vultures *Radhika Jha	Effects of fire and structural habitat gradients on nocturnal bird occupancy in Victorian forests *Mike Liefman
16:15-16:30	Shade availability, but not water or social group size, buffers foraging-thermoregulation trade-offs in an arid zone bird Susan Cunningham	Can we design solar farms that increase biodiversity outcomes? Louise Ridgeway	A quantitative review of bird-litter interactions and the influence of avian functional traits *Hannah Faraone	
16:45-17:30	Wesfarmers Lecture Theatre Panel Discussion: Finding the balance - collaboration with the energy sector for advancing bird conservation			
17:30-18:30	Poster session 1			
1	Parallel frameworks in ecology? Biological invasions and natural colonisation – the Australia-origin case of Welcome Swallows Takayasu Charles Amano			
2	Population trends of migratory and resident shorebirds of Botany Bay, New South Wales, over a nineteen-year period between 2001 and 2020 Debbie Andrew			

3	Using waterbird movement tracking to support planning for H5N1 arrival in the Murray-Darling Basin Micha Jackson
4	Home range and juvenile dispersal behaviour in Wedge-tailed Eagles and implications for wind-farm developments Simon Cherriman
5	What the cluck?! Does incubation lighting prime birds for reduced stress at hatching? Breanna Chippindall
6	A new and comprehensive guide to ageing and sexing birds in Queensland Jon Coleman
7	Environmental and human impacts on foraging and roosting behaviour in the Critically Endangered Far Eastern Curlew (<i>Numenius madagascariensis</i>) Jon Coleman
8	The impacts of extreme weather events on a lowland tropical rainforest bird community in Cape York, Australia Jon Coleman
9	Determining habitat utilisation of the little known Eyrean Grasswren <i>Amytornis hoyderi</i> Lucy Coleman
10	A meta-analysis of parrot tracking studies reveals the difficulties of transmitter attachment to Little Corella (<i>Cacatua sanguinea</i>) Ruth Cope
11	Tracking birds: What technology is out there and what can we do with it Sarah Deans
12	Twenty years of bird monitoring on the Canning River, Perth, Western Australia Lauren Gilson
13	Using citizen science to conserve south-eastern Glossy Black-cockatoo habitats in southeast Queensland Liz Gould
14	Two years of continuous monitoring of a Tasmanian masked owl roosting tree Charley Gros (presented by Jane Ogilvie)
15	Territory-level vegetation characteristics drive differences in survival in Superb Fairywrens (<i>Malurus cyaneus</i>) Franziska Hacker
16	Bridging the data gap: seabird flight heights from digital aerial surveys for offshore wind assessment Jessica Harvey
17	Describing the vocal culture of the critically endangered Western Ground Parrot Joseph Jantke
18	Urban birds and the road ahead: Making road ecology research matter beyond academia Christopher Johnson
19	Towards a DNA reference library for all Australian bird species: an update on CSIRO's National Biodiversity DNA Library Anna Kearns

20	A call to explore moult strategies of Australia's landbirds James Kennerley
21	Tiny birds, big impact: Outcomes of Operation SoHo Monique Cugliari
18:30–21:30	Student meet and greet Quiz night at UWA Tavern

Wednesday 19 November				
06:30–08:30	Morning bird walk			
09:00–09:30	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) Chair: Rob Davis First Plenary Session: Heather Ketebeang <i>Avifauna of Palau: Protecting birds, preserving heritage, and inspiring hope</i>			
09:30–10:00	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) Chair: Allan Burbidge Second Plenary Session: Dejan Stojanovic <i>A decade of Orange-bellied Parrots</i>			
10:00–10:10	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) AVISTEP Launch with Kate Millar (BirdLife Australia), Jarrod Pittson (Fortescue), Tris Allison (BirdLife International)			
10:10–10:30	Morning tea			
09:00–13:30	Market Stalls (outside terrace)			
10:30–12:30	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Research and conservation of Australia's threatened birds	Evolution of birds in Australasia	Temperate woodland birds conservation and recovery	Seabird conservation
Chair	Nick Leseberg	Leo Joseph	Clare Bracey	Barry Baker
10:30–10:45	A conservation needs ladder to assess the true status of Australian birds James Watson	Hidden evolutionary histories and ancient connectivity in birds of north-western Australia Anna Kearns	Long-term trends in woodland bird observations in temperate south-east Australia Lainie Berry	Marine heatwaves affect breeding, diet and population size but not body condition of a range-edge little penguin colony Belinda Cannell

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Chair	Nick Leseberg	Leo Joseph	Clare Bracey	Barry Baker
10:45-11:00	An assessment of how accurately we are classifying the extinction risk of Australia's birds *Natalee Bozzi	Masks revealed: historical DNA and whole-genome sequencing clarify Masked Owl evolution *Nigel Jackett	Prioritising conservation actions for temperate woodland birds *Clare Bracey	Hidden 'food diaries': stable isotopes across time and space reveal nuances in sooty shearwater diet *Inka Pleiss
11:00-11:15	A review of the potential population trajectory and research needs of Letter-winged Kite *Lucy Coleman	The application of population genomic methods for the conservation of Western Australia's iconic white-tailed black cockatoos *Nirjana Dewan	Revegetation and colocation of natural assets increases bird biodiversity and breeding activity at farm dams Laura Day	Foraging ecology of Little Penguins (kororā) from Pōhatu Bay, Banks Peninsula (Horomaka), New Zealand *Kaitlin Bowe
11:15-11:30	Genetic structure in a fragmented habitat: What Plains-wanderer population genetics reveal about isolation and connectivity *Saskia Gerhardy	Estimating the timing of passerine evolution using Bayesian tip dating and fossil occurrences Jacqueline Nguyen	From structure to species: Predicting avian diversity in peri-urban fragmented grassy woodlands *Caitlin Dagg	What drives lava Gull Distribution Patterns in the modern Galápagos Archipelago? *Alice Skehel
11:30-11:45	Spatial ecology of Christmas Island's threatened raptors Flossy Sperring	A new pelagornithid from the Selandian of the Waipara Greensand, North Canterbury, New Zealand: implications for early Cenozoic avian diversification Paul Scofield	Birds on Farms: Woodland bird conservation through citizen science Shannon Creaney	Using the prey captured by breeding Crested Terns to assess availability of forage fish for another coastal meso-predator Nic Dunlop
11:45-12:00	One lost and one found - a tale of two owls Boyd Wykes	Using fossils from cave deposits to understand past avifaunal changes in eastern Australia *Karl Lenser	Hollow promises for biodiversity: insights from a failed artificial hollows project Mick Callan	Tracking Houtman Abrolhos seabirds to identify key foraging habitat: reassessing marine park spatial boundaries for targeted seabird conservation Lisa Nicholson
12:00-12:15	Conserving song culture in the Critically Endangered Regent Honeyeater (<i>Anthochaera phrygia</i>) *William Bray	Waves of colonization and gene flow in a great speciator Michael Andersen	Birds on the books: incorporating bird species richness into farm-scale natural capital accounts James Radford	Exploring the health of the black noddy of the Capricornia Cays *Zerra Egerton

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Chair	Nick Leseberg	Leo Joseph	Clare Bracey	Barry Baker
12:15-12:30	Monitoring Malleefowl and assessing the impact of feral predator management on population trends at multiple properties Louis O'Neill	Unraveling the Paradox of the 'Great Speciators': evolutionary dynamics of a geographic radiation of island kingfishers (Todiramphus) Jenna McCullough	We can now automatically identify bird species across entire woodland communities. What's next? David Watson	The unseen contribution: Wildlife rescuers as sentinels and data providers in seabird research Lori-Ann Shibish
12:30-13:30	Lunch			
12:40-13:20	Lunchtime workshops and meetings			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Zoology Conference room
	Key Biodiversity Area - help shape the sites for birds in Australia Anna McCallum (BirdLife Australia)	Introduction to Ecoacoustics May-Le Ng (Faunatech)	Birds on Farms goes digital: Helping landholders create bird-friendly farms across Australia Margot Oorebeek (BirdLife Australia)	EMU board meeting (by invitation only)
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Symposium	Research and conservation of Australia's threatened birds	Evolution of birds in Australasia	Open Forum	Seabird conservation
Chair	Saskia Gerhardy	Anna Kearns	Fiona Backhouse	Yuna Kim
13:30-13:45	Part of the 'forgotten flock': Western Bristlebird conservation in South West WA Aline Gibson Vega	Introgressed variants obscure phylogenetic relationships but are not subject to positive selection in Australasian long-tailed parrots Brian Smith	Past research and future directions in understanding how birds use their sense of smell Melanie Massaro	Advancing the seabird monitoring toolkit: A machine-learning tool for estimating the abundance of tropical seabird communities in aerial imagery *Karina Sorrell

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Chair	Saskia Gerhardy	Anna Kearns	Fiona Backhouse	Yuna Kim
13:45-14:00	Djimaalap/Noisy Scrub-bird conservation and recovery: over 60 years and still overcoming challenges Abby Martin	Interrupted evolution: hybridisation and secondary allopatry Andrew Black	Are there genetic benefits to multi-source translocations in Aotearoa New Zealand's Tautouwai / North Island Robin? *Gemma Spicka-Proffit	Science to the rescue: the ASAP (Artificial Sites for tAhiti Petrels) project and the fight to save the Tahiti petrel Angélique Pagenaud
14:00-14:15	Rainfall immediately before and after fire influences long-term probability of occurrence for a rare, fire-sensitive passerine William Mitchell	Sexual selection drives introgression of alleles affecting sexual signals Mike Webster	Telling the time in the egg: development of the avian circadian network during embryonic life *Caleb Wellard	Preemptive translocation to save seabird lineages Maggie Watson
14:15-14:30	Threats to the recovery of the critically endangered Capricorn Yellow Chat (<i>Epthianura crocea macgregori</i>) Grace Blackburn	Spatial trends in morphology do not predict individual species responses to climatic warming in Australian birds Matthew Symonds	Scale-dependent factors influencing avian community composition with implications for fire management *Rhys Makdissi	Mapping the sensitivity of Australia's seabirds to offshore wind Catha Auchincloss
14:30-14:45	Listening in the Dark: Acoustic Insights into Night Parrot Roosting and Habitat Use Caitlin Nagle	More Moa than ever before? New insights from the sparse pre-Quaternary fossil record of Dinornithiformes *Abi Crane	Improving strategies for shorebird conservation by understanding the environmental values of beach users *Leanne Butterfield	Australian Pelicans as Biovectors of anthropogenic debris: Implications for seabird conservation and waste management Erin Clitheroe
14:45-15:00	Recovering population of Glossy Black-Cockatoos on Kangaroo Island retains gene flow and genetic diversity despite isolation, fragmented habitat and recent fires *Trish Mooney	Lyrebirds in the pipeline: how SNP-calling choices shape inferences of evolution, admixture, and genetic diversity in <i>Menura novaehollandiae</i> and <i>M. alberti</i> Renee Catullo	Deterrence and diversion: Investigating new ways of managing Aotearoa's Swamp Harrier (Kāhu) to protect our most endangered bird: the Tara Iti *Cara Thomson	Alone in a vast ocean: uncovering patterns of genetic connectivity in a philopatric seabird *Romney Edwards-Francis
15:00-15:30	Afternoon tea			

15:30-16:30 Concurrent Sessions				
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Research and conservation of Australia's threatened birds	Open Forum	Open Forum	Seabird conservation
Chair	Aline Gibson Vega	Jacinta Humphrey	Lizzie Speechley	Melanie Massaro
15:30-15:45	Feast or famine: the diet and habitat selection of the Black-throated Finch Brad Dreis	Applications of genetics and genomics for conservation management of Aotearoa / New Zealand birds Natalie Forsdick	Birds of the World: Activating a global partner network to advance ornithological knowledge and conservation Brian Sullivan	Toward a National Seabird Colony Register: Unifying colony data to strengthen seabird conservation across Australia Yuna Kim
15:45-16:00	Factors affecting habitat occupancy of the Vulnerable Glossy Black-Cockatoo in south-east Queensland Guy Castley	Identifying environmental reservoirs in captive Plains-wanderer facilities via environmental microbiome profiling *Natalie Klukowski	Keeping pace with taxonomic change in ornithology Shawn Billerman	Restoration of Native Perennial Vegetation Increases Bridled Tern Nesting Density on a Degraded Coastal Island Aurelie Labbe
16:00-16:15	New insights into Eastern Bristlebird song culture and conservation applications *Emily Bradstock	Pan-Avian Epigenetic Clock *Mikaela Hukkanen	Impacts of climate change on Mallee bird communities: The role of microhabitats in buffering physiological stress Rodolfo Anderson	Visual ecology modelling and taste aversion learning to enable non-lethal intervention *Zoe Gilbert
16:15-16:30	Optimising eDNA Detection Methods for the Critically Endangered Australasian Bittern *Isaac Di Natale	Brain gene regulatory networks coordinate nest construction in Zebra Finches Chih-Ming Hung	Research gaps for mitigating impacts of wind energy on birds during environmental assessments Robin Leppitt	
16:30-17:30	MEETINGS			
Room	Zoology Conference room			Wesfarmers Lecture Theatre
	AOCAC meeting (by invitation only)			Seabird AGM

16:30-17:30	POSTER SESSION 2
22	Metagenomic characterisation of bacterial and viral diversity in the Critically Endangered Australian parrots Natalie Klukowski
23	Advancing animal behavior recognition: A methodological transition from supervised to unsupervised machine learning Guozheng Li
24	AviaNZ: Open-Source Bioacoustic Analysis Stephen Marsland
25	Transferability of fine-scale species distribution models across islands: can they predict suitability of potential reintroduction sites for threatened island birds? Melanie Massaro
26	The stares of suburbia - seasonal dynamics of a communal Bush Stone-curlew roost Golo Maurer
27	Key Biodiversity Areas in Australia: help shape the next chapter! Anna McCallum
28	Acoustic monitoring of Blue-winged Parrots during breeding season in west coast Tasmania: a pilot study Jane Ogilvie
29	Birds with Altitude: Citizen science monitoring across the Wet Tropics Ceri Pearce
30	Long-term large-scale changes in the breeding ecology of Australian Pelicans John Porter
31	Why are there more birds in urban green parks Anees Ur Rahman
32	Fine-scale environmental changes drive the emergence of the Superb Fairywren (<i>Malurus cyaneus</i>) multilevel society Samuele Ramellini
33	The agricultural fields as increasingly preferred habitat areas by the Sarus Crane (<i>Grus antigone</i>) in Northern India Varshi Rani
34	Dominant birds perform better during problem solving, regardless of neophobia Yazmin Rizk
35	Ruddy good timing: Shorebird migratory behaviour in the face of global change processes in the East-Asian Australasian Flyway Sara Ryding
36	Strategic sustainability in volunteer-driven avian rescue: A case study of Western Australian Seabird Rescue Inc. (WASR) Lori-Ann Shibish
37	Assessing genetic change over time in the smallest gull population in the world: the Galápagos lava gull, using both modern and 120-yr old museum samples Alice Skehel
38	Understanding bioaccumulation of heavy metals in Australian Pelicans at Gippsland Lakes Ramsar site Deb Sullivan

38	Adaptation to environmental change: dispersal, cooperation, and evolution in Red-winged Fairy-wrens Archi Tulsian
40	Investigating the influence of urbanisation on the presence and behaviour of Oystercatchers Emma Vanderzo
41	Cockies cohabit: Habitat enrichment leads to breeding success on a private conservation reserve Johannes Edmund Wajon
42	Using movement ecology to guide Rufous-necked Hornbill conservation in Bhutan Kinley Kinley
43	Empowering earth and environmental research through national-scale data infrastructure and FAIR Services Andrew White
18:30-22:00	CONFERENCE DINNER at THE AVIARY

Thursday 20 November

06:30-08:30	Morning bird walks			
09:00-10:30	Concurrent sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Research and conservation of Australia's threatened birds	From plans to action: Overcoming barriers in species recovery	Behavioural Ecology	Applications of and advances in EcoAcoustics and bioacoustics / Open forum
Chair	Kristal Cain	Catherine Young	Amira Sophia Syed Peer Mohamed	Cara Thomson
09:00-09:15	Non-geographic call clustering in Australian fairy terns suggests populations connectivity and supports flexible playback use for conservation Diane Colombelli-Negrel	Coordinating recovery: Strengthening national recovery efforts for Australia's most threatened birds Andrew Hunter	The mitigating effect of the presence of water on non-drinking Zebra Finches during exposure to heat Hector Pacheco Fuentes	The Large Forest Owl Project – Using acoustic data to monitor and manage the recovery of three owl species and their prey from the impacts of the 2019-2020 Black Summer bushfires Pete Knock

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Chair	Kristal Cain	Catherine Young	Amira Sophia Syed Peer Mohamed	Cara Thomson
09:15–09:30	Western Hooded Plover Conservation: Empowering the southwest community Tegan Knowles	BirdLife Australia's exciting strategy to overcome the 'implementation crisis' in bird conservation and put birds on the path to recovery Golo Maurer	A meta-study to investigate whether common bird species of the Asia-Pacific region, that have high cognitive abilities and social development, can buffer the effects of climate change Diana Kuchinke	Improving survey design and distribution estimates for Powerful Owl (<i>Ninox strenua</i>) using passive acoustic monitoring and integrated modelling Robert Clemens
09:30–09:45	Modelling Mallee futures: Managing threats for a priority bird community Alex Maisey	Deconstructing the ecology of data-deficient species: a multidisciplinary toolbox for Eastern Ground Parrots *Lana Prior	Shake it: performative manipulation of the environment by displaying Albert's Lyrebirds Fiona Backhouse	Building a bioacoustics dataset for research and conservation in the Australasian region Arwen Ximenes
				Open Forum
09:45–10:00	Coxen's Fig-Parrot: just missing, or extinct? Nicholas Leseberg	Conserving Kyloriny – Structured decision making to plan the next steps for conservation of a Critically Endangered parrot Sarah Comer	The complex courtship display of the male Superb Lyrebird – the female perspective Anastasia Dalziel	Living in a changing landscape: Ecological and social predictors of survival in a tropical riparian specialist *Ian Hoppe
10:00–10:15	Nocturnal movements of Red-necked Stints in a suburban environment: implications for non-breeding habitat use and conservation of threatened shorebirds Claire Tingate	Achieving incremental positive outcomes for Far Eastern Curlew in Australia amid increasing human demands on coastal environments and climate change squeeze Liz Gould	Finding the relevant units of cultural transmission in Albert's Lyrebird vocalisations with a little help from Zipfian statistics Vanessa Ferdinand	Cockatoos playing laser tag: Evaluating the use of bird-scaring lasers to reduce conflict between critically endangered Baudin's Black-Cockatoos and orchard growers Kaarissa Harring-Harris
10:15–10:30	Case study: Utilising two decades of research to inform habitat protection and a collaborative approach to fire management for the Endangered south-eastern Red-tailed Black Cockatoo Paul Koch		How to impress when the lights are dimmed; the male Albert's Lyrebird maximises display visibility and theatrical presence in low-light habitat Anna Fearnley	Understanding the ecological value of different quality restoration using birds as indicators Genevieve Hayes

10:30–11:00	Morning tea			
11:00–12:30	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Windfarms and birdlife	Urban birds	Behavioural Ecology	Long-term monitoring
Chair	Trish Fleming	Holly Parsons	Hector Pacheco Fuentes	Cara Thomas
11:00–11:15	Mapping the sensitivity of Australia's Avifauna to renewable energy infrastructure: A vital first step in achieving a nature-safe energy transition Tris Allinson	Thematic analysis exploring global patterns in urban wetland bird research *Chieh-Ting Lin	Satellite tracking the movement behaviours of egrets, spoonbills and ibis: informing water and wetland management at multiple scales Heather McGinness	Into the frying pan – long term citizen science project reveals the impacts of a changing climate on semi-arid zone bird assemblages Brendan Doohan
11:15–11:30	Colony-specific at-sea distribution of Short-tailed Shearwaters: Implications for offshore renewable energy risk assessments Aymeric Fromant	Using citizen science as a tool to identify innovative behaviours in urban-living cockatoo *Lisa Fontana	Behaviour, spatial ecology and survivorship in four common duck species in southeast Australia Hui Yu	Multidimensional biodiversity changes in global waterbird communities over three decades reveal complex conservation challenges *Nga Yee Lai
11:30–11:45	Environmental impact assessments underestimate the presence of migratory birds at half of wind farm developments in eastern Australia *Xu Shi	The bird diversity at large street trees in urban Melbourne *Lydia Daniel	Together apart: variability in the cohesion of paired Black Swans revealed by proximity tracking Raoul Mulder	Climate influences productivity but not breeding density of Wedge-tailed Eagles <i>Aquila audax</i> in arid and mesic Western Australia *Simon Cherriman
11:45–12:00	How high do they fly? Bird radar reveals important data on bird flight heights Jesse Harper	Factors impacting variability in the breeding season of Black Swans (<i>Cygnus atratus</i>) in southeast Queensland, Australia Jon Coleman	Black Swans as indicators of estuarine health: seasonal movements and the role of seagrass beds Thomas Perrett	Developing suitable methods for ongoing Waterbird and Shorebird monitoring on the Fortescue Marsh- A collaborative alliance between Fortescue and Murdoch University's Harry Butler Institute Mimi d'Auvergne
12:00–12:15	Skytrap: Surveying free flying birds using a motion based high speed camera trap Emily Rayner	Community reporting of window strikes affecting Australian birds: geographic and taxonomic observations Rochelle Steven	Effects of light and noise at night on sleep and vocal output of Common Mynas Juliane Gaviraghi Mussoi	Drivers of nest survival in Hooded Plovers: analysis of a long-term citizen science data set Meghan Cullen

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Symposium	Windfarms and birdlife	Urban birds	Behavioural Ecology	Long-term monitoring
Chair	Trish Fleming	Holly Parsons	Hector Pacheco Fuentes	Cara Thomas
12:15–12:30	Predicting flight speeds to mitigate potential wind turbine strike in an endangered bird using wing morphology and wind data Jill Shephard	Trends in the bird assemblage of a peri-urban reserve; Whiteman Park 1990 to 2024 Mike Bamford	Letter-winged Kites and Long-haired Rats: How much does one depend on the other? Lisa Nunn	From bare ground to birdsong: tracking bird responses to restoration in southern Queensland through 7 years of citizen science Jarrad Cousin
12:30–13:30	Lunch			
13:30–14:00	Awards ceremony presented by BirdLife Australia President Mandy Bamford			
14:00–14:30	Wesfarmers Lecture Theatre (overflow in Stan Perron Lecture Theatre) Chair: Rochelle Steven Servery Plenary: Richard Fuller <i>Crossing continents, confronting change: Australia's migratory birds</i>			
14:30–14:35	Announcement of AOC2027			
14:30–15:00	Afternoon tea			
15:00–16:30	Concurrent Sessions			
Room	Stan Perron Lecture Theatre	Don Voelte & Nancy Keegan Case Study Room	Sir Rod Eddington Case Study Room	Wesfarmers Lecture Theatre
Symposium	Windfarms and birdlife	Urban birds	Open forum	Long-term monitoring
Chair	Golo Maurer	Jacinta Humphrey	Michael MacDonald	Meghan Cullen/Grainne Maguire
15:00–15:15	Twenty years of raptor collisions in southeast Australia – Options for biodiversity-friendly wind energy Emma Bennett	White-bellied Sea-Eagle - a surprising urban bird struggling in a busy city Judith Harrington	Using dietary metabarcoding analyses to characterise waterbirds–agriculture interactions Amelie Corriveau	Long-term monitoring of South Australian woodland birds Hugh Possingham

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15:15-15:30	Bird Assessment and Management Across the Life Cycle of an Australian Wind Farm Tevita Koloamatangi	Drought-driven urban immigration in south-west Australian birds? Harry Moore	Monitoring food availability for shorebirds in the Leschenault Estuary: A community-based approach Sora Estrella	Balancing recreation and conservation: Protecting shorebird habitat on the Sunshine Coast Simone Bosshard
15:30-15:45	Assessing the cumulative risk of offshore wind farm developments to Australian migratory bird species Sam Nicol	Gardening for birds: Evaluating the impact of an online course on urban habitat creation Holly Parsons	Waterbirds surveillance and monitoring to support planning for H5N1 arrival in the Murray-Darling Basin Micha Jackson	Long term bird monitoring demonstrates impact of restoring biodiverse habitat on bird communities in the southwest Australian biodiversity hotspot Michelle Hall
15:45-16:00	A global perspective on wind farms and bird interactions David Wilson	Superb City Wrens: understanding little birds in the big city Holly Kirk		From shorebird counts to critical tools for protecting shorebird habitats: revising the Directory of Important Migratory Shorebird habitat in Australia Lindall Kidd
16:00-16:15	Technology-driven solutions for wind and wildlife Jessica Harvey	Ducks in a row: Human population density influences aggression and vigilance behaviour in Australian Wood Ducks Jacinta Humphrey		Scalable metrics to track the condition of Australia's terrestrial bird communities Martine Maron
16:15-16:30	Towards a green-green future - mitigating wind turbine impacts on bird populations Trish Fleming	Perth's Suburban Honey-Buzzards: a probable new breeding species for Australia Daniel Mantle		Adaptive response and breeding success for two noddy species in a time of climate-driven phase shift in the eastern Indian Ocean: A 33 year study Christopher Surman
17:00: 17:30	MOVIE SCREENING - <i>Night calling</i> documentary by Owl Friendly Margaret River and Capes Foundation			

Friday 21 November

	FIELD TRIPS (Bookings are required)	
09:00-17:30	Wadejmup (Rottnest Island)	Full-day
15:00-18:00	Peel-Harvey Estuary cruise	Half-day
8:00-11:00	Victoria Dam walk	Half-day
16:00-17:30	Kaarakin Black Cockatoo Conservation Centre Tour	1 hr
14:00-16:00	Boola Bardip (Western Australian Museum) Bird Collections Tour	2 hrs

Saturday 22 November

	FIELD TRIPS (Bookings are required)	
9:00-17:30	Wadejmup (Rottnest Island)	Full-day
07:30-11:00	Collins Road half-day walk	Half-day

Saturday 22 November - Monday 24 November

	Glenbrook Country Retreat, Margaret River	Long-range excursion
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