



Biosystematics 2023

Celebrating the past | Planning the future

26 – 30 November 2023, Kambri Cultural Centre,
Australian National University, Canberra

Joint conference of the Australian Biological Resources Study, Society of Australian Systematic Biologists, Australasian Mycological Society and Australasian Systematic Botany Society



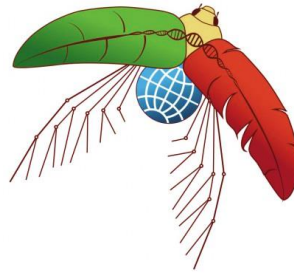
Australian
Biological
Resources
Study

Celebrating 50 years of the Australian Biological Resources Study
& 50 years of the Australasian Systematic Botany Society

Many thanks to our conference supporters:



Australian
National
University



Centre for
Biodiversity
Analysis



AUSTRALIAN NATIONAL
BOTANIC GARDENS



**TAXONOMY
AUSTRALIA**

Discovering our biodiversity



THE UNIVERSITY
of ADELAIDE



**ENVIRONMENT
INSTITUTE**



BushBlitz



Atlas of Living
Australia
ala.org.au



PENSOF®



PUBLISHING

Venue Map



Welcome

The organising committee of Biosystematics 2023 would like to welcome all delegates to the conference and its associated events. With over 260 delegates registered we are excited to bring the taxonomy and systematics community together in 2023 for a monumental celebration of 50 years of the Australian Biological Resources Study and 50 years of the Australasian Systematic Botany Society in partnership with Australasian Mycological Society and the Society of Australian Systematic Biologists. We would like to thank our sponsors and volunteers for their generous contributions which have allowed us to provide an accessible, affordable and inclusive conference. We look forward to facilitating the exchange of ideas and knowledge, and to social and scientific networking that will help to progress the Taxonomy Australia mission of documenting all of Australia's biodiversity in a generation. Finally, thank you for participating in this conference to make it a stimulating and memorable scientific event for our community.

This week we will meet at the Kambri Cultural Centre at the Australian National University. For the Traditional Custodians of this land, 'Kambri' has been a meeting place for thousands of years. The name was gifted to the ANU by representatives of the Little Gudgenby River Tribal Council, Buru Ngunawal Aboriginal Corporation, King Brown Tribal Group, and the Ngarigu Currawong Clan.

Conference mission

Our mission is to promote documentation of the rich biodiversity of Australasia. Sound knowledge of biodiversity is crucial for achieving environmental and economic sustainability and there is still much to discover about the unique and globally significant biodiversity of the Australasian region. Applying new technologies and focusing on training the next generation of taxonomic scientists, we seek to build a community of skilled researchers to uncover the many species yet to be discovered and document their unique evolutionary history. By sharing knowledge and promoting collaboration, we aim to develop a deeper understanding of the biodiversity of Australasia and inspire ongoing efforts to manage and conserve its natural heritage.

Acknowledgement of Country

Biosystematics 2023 acknowledges and pays respects to the Ngunnawal and Ngambri people of the Canberra region and to all First Nations Australians on whose traditional lands we meet and work. We also recognise the deep knowledge of Australia's flora, fauna and ecosystems held by Australia's First Peoples and celebrate their enduring connections to Country, knowledge, and stories.

Organising committee

Core Committee

Michelle Guzik, Society of Australian Systematic Biologists
Mike Bayly, Australasian Systematic Botany Society
Haylee Weaver, Australian Biological Resources Study
Claire Stephens, Australian National University
Camille Truong, Australasian Mycological Society
Brendan Lepschi, Australasian Systematic Botany Society/CSIRO
Erinn Fagan-Jeffries, The University of Adelaide

Strategic Committee

Andy Austin | Judy West | Craig Moritz | Kevin Thiele

Student and ECR Representatives

Helen Kennedy, Australasian Systematic Botany Society SECR Representative
Grace Boxshall, Australasian Mycological Society Student Representative
Luke Vaughan, Australasian Mycological Society
Brock Hedges, Society of Australian Systematic Biologists

Keynote Speakers



Dr. Olwen Grace

Royal Botanic Gardens Edinburgh

Dr Olwen Grace is Deputy Director of Science at Royal Botanic Gardens Edinburgh. Until recently she led the Accelerated Taxonomy program at Royal Botanic Gardens Kew.



Prof. Doug Hilton

Incoming CEO, CSIRO

Prof. Doug Hilton AO commences as Chief Executive Officer of CSIRO in September 2023. He is a molecular and cellular biologist and currently Director of the Walter and Eliza Hall Institute of Medical Research (WEHI) and Head of the Department of Medical Biology, The University of Melbourne. In his spare time, he also pursues a passion for moth taxonomy, evolution and biology and is President of Moths and Butterflies Australasia. As CEO of CSIRO, key national collections and programs in systematics and taxonomy (among many other things!) will sit under his organisational leadership.



Prof. Rudolf Meier

Museum für Naturkunde, Berlin

Prof. Rudolf Meier is the head of the Center for Integrative Biodiversity Discovery at the Museum für Naturkunde where he and his lab are at the forefront of novel methods to accelerate biodiversity discovery and monitoring using robotics, machine learning imaging and nanopore sequencing. The main foci of this work are the hyper-diverse invertebrate groups that are traditionally extremely difficult to sort, identify and describe – “dark taxa”, groups for which <10% of all species are described and the estimated diversity exceeds 1000 species.



Prof. Simon Ho

The University of Sydney

Simon is a Professor of Molecular Evolution at the University of Sydney, with research interests in molecular clocks, evolutionary rates, phylogenomics, genomic evolution, and molecular ecology. Since co-founding the Molecular Ecology, Evolution, and Phylogenetics Lab in the School of Life and Environmental Sciences in 2011, Simon has supervised more than 25 postgraduate research students. He has been running the annual Sydney Phylogenetics Workshop since 2010.

Honorary Award Orations

ASBS Nancy T. Burbidge Lecture



Dr Tom May

Royal Botanic Gardens Victoria

Tom is a Principal Research Scientist in Mycology at Royal Botanic Gardens Victoria where has worked for more than 30 years on the taxonomy, ecology and conservation of macrofungi, including coordinating the Australian National Species List for Fungi. Tom has been active in founding and supporting community and professional organisations including Fungimap and the Australasian Mycological Society, and is currently Deputy Chair of Taxonomy Australia and Secretary of the Nomenclature Committee for Fungi.

SASB Distinguished Career Award Lecture



Associate Prof. Lyn Cook

University of Queensland

Lyn's research is primarily aimed at understanding the origins, diversification and distributions of organisms, especially plants and insects in Australia. She mostly take a comparative approach and uses molecular phylogenies to test hypotheses about ecological and evolutionary processes. Recent and ongoing topics include: understanding how interactions among plants and insects affect the evolutionary radiation of each; teasing apart the effects of extinction and speciation to understand how past climate and environmental change has shaped our biota; and investigating the relative roles of continental drift and long distance dispersal in explaining the current distribution patterns of organisms in the southern hemisphere.

General Information

Social Functions

Pre-conference mixer – Sunday 26 November, 5:00 – 7:00pm

Student/ECR social event – Monday 27 November, 6:30 – 9:00pm

Conference dinner – Tuesday 28 November, 6:30pm – 10:00pm, at Kambri Cultural Centre

Workshops

The taxonomic process: How to describe new animal taxa and not break the rules of the *International Code of Zoological Nomenclature*

Leader: Mark Harvey, Western Australian Museum

Time: Sunday 26 November, 12:30 – 3:30pm

Location: Australian National Botanic Gardens, Banksia Centre

Image classification models for species identification

Leaders: Alexander Schmidt-Lebuhn (pictured) and Nunzio Knerr, CSIRO

Time: Sunday 26 November, 10am – 4pm

Location: Australian National Botanic Gardens, Crosbie Morrison Building

BEAST 2 workshop

Leaders: Remco Bouckaert & Jordan Douglas

Time: Thursday 30 November, 9am – 5pm

Location: Slatyer Seminar Room, RN Robertson Building, ANU

Field Trips

Tidbinbilla Nature Reserve and Corin Forest – Thursday 30 Nov

Guided walks at Australian National Botanic Gardens – Thursday 30 Nov

Society AGMs

Society of Australian Systematic Biologists: 5pm Monday 27 Nov

Australian Systematic Botany Society: 5pm Wednesday 29 Nov

Special Events

Launch of the [Australian Journal of Taxonomy](#) and a review of the *Decadal Plan for Taxonomy and Biosystematics*: 5pm Tuesday 28 Nov

Launch of the [Australian Longhorn Beetles Volume 3](#): 12:55pm Monday 27 Nov

Launch of the [Orchidaceae on the eFlora of Australia](#): 12:55pm Tuesday 28 Nov

Launch of the [Australian Botanical Liaison Officer Scheme at Kew](#) book: 12:55pm Wed 29 Nov

Registration Desk

Located in the Kambri Foyer

Sunday 26 November: from 3:00pm

Monday 27 November: from 8:00am

Tuesday 28 November: from 8:30am

Wednesday 29 November: from 8:30am

Parking

Kambri's underground car park is located at the corner of Kingsley Street and Tangney Road, Acton (ANU).

Guest Wi-Fi

Guest Username: BiosystematicsConference

Guest Password: BC2023

Uploading your presentation

Please upload your final presentation using the link that was emailed to you at least 24 hours before your scheduled talk in PowerPoint format (not Keynote, Prezi etc.) or as a pdf.

The screens / projectors in Kambri are 16:9 aspect ratio. Ideally if presentations are made in this aspect ratio that is best, but presentations in 4:3 are also fine.

Please keep your files to a manageable size by compressing embedded media in PowerPoint. That will help with downloading, opening, and running talks on conference computers.

Please name your files surname_DAY e.g. Fagan-Jeffries_MONDAY

Conference exhibitors (Kambri foyer)

AusTraits

AusTraits is an open-source, harmonized database of Australian plant trait data. It synthesises data on nearly 500 traits across more than 30,000 taxa from field campaigns, published literature, taxonomic monographs, and individual taxon descriptions. AusTraits Project manager Dr Elizabeth Wenk invites interested researchers to join her in the breaks on Monday and Tuesday for an introduction to the database and Q&A.

BEAST Clinic

BEAST 2 is a cross-platform program for Bayesian phylogenetic analysis of molecular sequences. During the conference a `BEAST clinic' will be open where you can consult on all your BEAST 2 questions, issues and requests. At the clinic, we will help you out with any problems setting up an analysis, interpreting the results or understanding what is going on. Dr Remco Bouckaert, main architect of BEAST 2, and Dr Jordan Douglas, expert developer of many methods in BEAST 2, will be your consultants. The clinic will be open during coffee breaks.

Biodiversity Information Standards

Biodiversity Information Standards (TDWG) is a not-for-profit, scientific, and educational association formed to establish international collaboration among the creators, managers, and users of biodiversity information. TDWG develops, ratifies, and promotes standards and guidelines for the recording and exchange of data about organisms, & acts as a forum for discussing all aspects of biodiversity information management through meetings, online discussions, and publications. Anyone can become a member! Join our community and help with the development, maintenance, and implementation of biodiversity information standards.

Bush Blitz

Bush Blitz is Australia's largest nature discovery program – a unique multi-million-dollar partnership between the Department of Climate Change, Energy, the Environment and Water, Parks Australia, BHP and Earthwatch Australia to document plants and animals across Australia. Since the program began in 2010 Bush Blitz has discovered more than 1700 new species and has added thousands of species records to what is already known.

CSIRO Publishing

CSIRO Publishing publishes journals, books, and magazines, covering disciplines including plant and animal sciences, chemistry, health and the environment. We support a variety of Open Access models to facilitate unrestricted access to scholarly research. Our books program spans all ages and reading levels, and Double Helix magazine fosters future science champions.

National Biodiversity DNA Library (CSIRO)

The National Biodiversity DNA Library (NBDL) is a CSIRO-led initiative to generate comprehensive DNA reference sequences of Australian species to support molecular identification, from expertly identified specimens in Australian research collections. The initiative will transform how we monitor Australian ecosystems, by enabling the identification of DNA shed by organisms into their environment (eDNA). The NBDL is partnering with the collection community, government, NGOs, and industry to create this significant national infrastructure.

Society for the Preservation of Natural History Collections

The Society for the Preservation of Natural History Collections [SPNHC] is an international organization devoted to the preservation, conservation, and management of natural history collections. We are joining forces with TDWG in 2024, hosting a conference in Okinawa, Japan.



AusTraits



Biodiversity
Information
Standards

TDWG



BEAST 2 clinic



PUBLISHING



SPNHC

Code of Conduct

ASBS, SASB, AMS and ABRS are committed to providing a safe, inclusive, hospitable, and productive environment for all attending Biosystematics 2023, regardless of ethnicity, religion, disability, physical appearance, gender, or sexual orientation. We expect participants and volunteers to be considerate, respectful, and inclusive of others. We will not tolerate intimidating, harassing, abusive, discriminatory, derogatory, or demeaning speech or actions by any participant. Participants asked to stop unacceptable behaviour are expected to comply immediately. If a participant engages in unacceptable behaviour, the Organizing Committee reserves the right to expel them from the conference without warning or refund. ASBS, SASB and AMS also reserve the right to ban them from attendance at future society events, in line with their expected codes of conduct.




If you are concerned about the behaviour of anyone at the conference, whether directed at you or at others, please notify Mike Bayly (mbayly@unimelb.edu.au), Michelle Guzik (michelle.guzik@adelaide.edu.au), or any member of the Organizing Committee, either in-person or by email.

All reports, and especially the names of reporters will be kept confidential to the extent possible (restricted to select members of the Organising Committee in determining the next steps) and we will maintain anonymity of reporters (e.g. only known to initial point of contact) if requested. All reports will be taken seriously and will be investigated. We will gather all relevant details and information (verbal or written) from the reporter, the target (if they are not the reporter), and witnesses to understand reported incidents, noting that we cannot act on a single anonymous report without further corroboration. Investigations may extend beyond the end of the conference. The outcomes of investigations and subsequent sanctions will not be made public; however, those reporting incidents will be informed of the outcome. In addition to the actions that may be taken at meetings, violators of the code of conduct will receive written documentation of the actions taken at and following the meeting.



Program

(S) = student presentation

SUNDAY 26th		MONDAY 27th			TUESDAY 28th			WEDNESDAY 29th		THURSDAY 30th				
Time		Time	Cinema	T2	Theatre	Time	Cinema	T2	Theatre	Time	Cinema	T2		
		8	Registration desk (foyer)			8.30	Registration desk (foyer)			8.30	Registration desk (foyer)			
		8.30	Welcome Plenary speakers: Doug Hilton and Olwen Grace			9.00	Plenary speaker: Simon Ho; SASB award oration: Lyn Cook			9.00	Plenary speaker: Rudolf Meier; ASBS Nancy T. Burbidge Lecture: Tom May		9:00 - 17:00	BEAST2 workshop (Slatyer Seminar Room, RN Robertson Building, ANU)
		10.30	Morning tea (foyer)			10.30	Morning tea (foyer)			10.30	Morning tea (foyer)			
10:00 - 16:00	Image workshop (ANBG Crosbie Morrison Building)	11.00	50 years of ABRS (session 1)	Biotic Interactions (session 2)		11.00	Symposium: Teaching and capacity building (session 8)	Communities (session 9)		11.00	Cryptic species (session 15)	Symposium: Genomics of Australian Plants 1 (session 16)		
12:30 - 15:30	Nomenclature workshop (ANBG Banksia Centre)	12.30	Lunch (foyer) + 12.55 - 13.15: Book Launch: Australian Longhorn Beetles Volume 3			12.30	Lunch + 12.55 - 13.15: Launch: Orchidaceae on the eFlora of Australia			12.30	Lunch + 12.55 - 13.15: Book Launch: Australian Botanical Liaison Officer Scheme at Kew			
		13.15	Biogeography (session 3)	Communication, outreach and conservation (session 4)	Species delimitation (session 5)	13.15	Biosecurity and biocontrol (session 10)	Population genomics (session 11)	Phylogeny and Taxonomy (session 12)	13.15	Hyperdiverse taxa (session 17)	Symposium: Genomics of Australian Plants 2 (session 18)		
		14.50	Afternoon tea (foyer)			14.45	Afternoon tea (foyer)			14.45	Afternoon tea (foyer)			
15:00	Registration desk (Kambri foyer)	15.15	Taxonomy Australia (session 6)	Plants (session 7)		15.15	Data and biodiversity informatics (session 13)	Palaeo and Evolution (session 14)		15.15	Dark taxa (session 19)	Methods (session 20)		
		16.45	Break			16.40	Break			16.35	Final remarks, student awards			
17:00 - 19:00	Welcome mixer (Kambri foyer) sponsored by:	17.00	AGM - SASB			17.00	Taxonomy Australia presentation, Decadal Plan review and launch of Australian Journal of Taxonomy			17.00	AGM - ASBS			
		18.30 - 21.00	Student/ECR social event sponsored by:  THE UNIVERSITY OF ADELAIDE  ENVIRONMENT INSTITUTE			18.00	Break			18.30 - 22.00	Conference dinner (Manning Clark Hall)			

Check the online program for last minute changes:



(S) = student presentation

Monday 11am Parallel Sessions

Symposium: 50 years of ABRs (session 1)		Room: Cinema Chair: Bryan Lessard	Biotic Interactions (session 2)		Room: T2 Chair: TBC
11.00	Haylee Crawford-Weaver	ABRS - 50 years of achievements for taxonomy	11.00	Melinda Greenfield	Fungi inhabiting the chambers of an epiphytic ant-plant are transported by resident ant workers
11.15	Arthur Chapman	In the beginning - the Australian Plant Name Index	11.15	James Bickerstaff	Linking phylogenomics, genome evolution and ecology to globally distributed and biosecurity relevant bark and ambrosia beetles (Curculionidae: Scolytinae)
11.30	Russell Barrett	More peas please? Progress towards completion of Fabaceae for the Flora of Australia	11.30	Zoe McCarthy (S)	Comparative phylogeography of east Australian carnivorous plants and kleptoparasitic bugs
11.45	Elena Kupriyanova	What do we know about Australian polychaete biodiversity and what we do not	11.45	Misha Mangila (S)	Insect gall development on <i>Eucalyptus</i>
12.00	Christopher Glasby	ANNiKEY: a taxonomic information system for Annelida	12.00	Stephanie Goedderz	Plastid phylogenomics reveals evolutionary relationships in the mycoheterotrophic orchid genus <i>Dipodium</i> and provides insights into plastid gene degeneration
12.15	Storm Martin	Calibrating biogeographical expectations for richness of trematode flatworms parasitic in coral reef fishes	12.15	Patricia Chan (S)	Drivers of Diversity of Darwinia's Common Scents and Inflorescences with Style: Phylogenomics, Pollination Biology, and Floral Chemical Ecology of Western Australian Darwinia (Myrtaceae)
12.20	Thomas Cribb	What has the ABRs done for fish trematodes lately? (plenty)	12.20	Hilary Pearl	Mycorrhizal associations: biotic correlates of phylogenetic dispersion patterns in the Sunshine Coast Heathlands, Queensland, Australia?
12.25	Tina Gopalan	Towards an updated number of living species in Australia and the world	12.25	Peter Pemberton (S)	Molecular ecology and systematics of New England Tablelands Bioregion endemic outcrop shrub populations.
12.3	END - LUNCH		12.3	END - LUNCH	

(S) = student presentation

Monday 1:15pm Parallel Sessions

	Biogeography (session 3)	Room 1: Cinema Chair: TBC		Communication, outreach and conservation (session 4)	Room 2: T2 Chair: Andrea Wild		Species delimitation (session 5)	Room 3: Drama Theatre Chair: Mike Bayly
13.15	Perry Beasley-Hall	Cave cricket capers: An extraordinary diversity and evolutionary history revealed by molecular phylogenetics (Orthoptera: Rhaphidophoridae)	13.15	Andre Wanderley do Prado	The systematist as a storyteller: reflections on the role of narrative in Systematics	13.15	Lara Shepherd	Can the relationships of speargrasses/taramea (<i>Aciphylla</i> ; Apiaceae) be resolved with ddRADseq?
13.30	Sarin (Putter) Titragul (S)	A big burst of blindsnakes: Phylogenomics and historical biogeography of Australia's most species-rich snake genus	13.30	Jo Harding	Over a decade of species discovery with Bush Blitz	13.30	Leon Perrie	Resolving species complexes among taramea, speargrasses, <i>Aciphylla</i> (Apiaceae) using ddRADseq
13.45	Sophie Newmarch (S)	Biogeography of the only irises disjunct across the Pacific Ocean	13.45	Jaever Santos	Impacts of the ABRIS National Taxonomy Research Grant Program on Australia's threatened species.	13.45	Luke Vaughan (S)	Undescribed fungal diversity: documenting Australia's little brown mushrooms
14.00	Elizabeth Joyce	Rethinking the systematics, evolution and biogeographic history of the mahogany family (Meliaceae)	14.00	Bryan Lessard	A guide to strategically communicating taxonomy: from public to parliament	14.00	Grace Boxshall (S)	Unearthing <i>Agaricus</i> down under: Exploring species boundaries in eastern Australasian <i>Agaricus</i> (Basidiomycota)
14.15	Antonio Rayos (S)	Phylogenetic Analyses of the Liverwort Family Lepidoziaceae Reveals the Position of Micropterygioideae	14.15	Mollie-Rosae Slater-Baker (S)	Miracine parasitoid wasps (Braconidae, Miracinae): First Australian record and new species described as part of the Insect Investigators citizen science project	14.15	Linette Umbrello	Defining the diversity of Australia's micro marsupials (Dasyuridae: <i>Planigale</i>)
14.30	Rinchen Yangzom (S)	Systematic revision of <i>Pedicularis</i> L. (Orobanchaceae) for the Flora of Bhutan	14.30	Ying Luo (S)	The first 1,000 images of Australian leaf mines: How an iNaturalist project has discovered new species and records	14.30	Barbara Azevedo de Oliveira (S)	Testing species delimitation in <i>Acacia</i> : are gidgee (<i>A. cambagei</i>) and Georgina gidgee (<i>A. georginae</i>) two distinct species?
14.35	Kerry Ford	The genus <i>Carex</i> (Cyperaceae) in New Zealand: a southern hemisphere diversity hotspot in a boreotemperate genus	14.45	Marcel Cardillo	Phylogenetic diversity in conservation: why we should proceed with care	14.35	Lorna Ngugi	<i>Tetramolopium ornans</i> Ngugi (Asteraceae), a new species from the Wet Tropics of Queensland, Australia
14.40	Steven Cooper	The biogeographic and evolutionary history of an extraordinary species radiation across an extreme elevational gradient	14.50	END - AFTERNOON TEA		14.40	Lindsay RJ Shelton	<i>Persoonia angustiflora</i> ? I hardly knew her! Reinstatement of a Western Australian taxon.
14.45	Nicole Gunter	Biosystematics of Australia's native dung beetles (Coleoptera: Scarabaeidae: Scarabaeinae)				14.45	END - AFTERNOON TEA	
14.50	END - AFTERNOON TEA							

Monday 3:15pm Parallel Sessions

Symposium: Taxonomy Australia: meeting the challenge of the Decadal Plan (session 6)		Room 1: Cinema Chair: Andy Austin	Plants (session 7)		Room 2: T2 Chair: John Clarkson
15.15	Erinn Fagan-Jeffries	Two perspectives on the Decadal Plan: public engagement, and the plight of parasitoid wasps	15.15	Shelley Rowntree (S)	Clarifying the <i>Lepidosperma laterale</i> assemblage (Cyperaceae) in north-eastern New South Wales
15.45	Keith Bayless	Systematics of tiny black acalyprate flies as case studies for challenges in Australian biodiversity research	15.30	Sangay Dema (S)	A species-level phylogeny of eastern Australian <i>Phebalium</i> Vent. sect. <i>Phebalium</i> Duretto & Heslewood (Rutaceae; Zanthoxyloideae)
16.00	Mark Harvey	Meeting the challenge of the Decadal Plan: the taxonomic documentation of the Australian arachnid fauna.	15.45	Phil Garnock-Jones (online)	Heterodichogamy in <i>Ascarina lucida</i> (Chloranthaceae)
16.15	Rachael King	Making the Australian crustaceans known – the decadal plan and the generational challenge	16.00	Declan Blackburn (S)	An investigation of Asteliaceae (Asparagales) systematics based on whole chloroplast genome sequencing
16.30	Lisa Kirkendale (online)	Meeting the challenge of the Decadal Plan- A bivalve's eye view	16.15	Aiden Webb	Twisted flowers and tales to match: phylogenetic inference of Australian <i>Caesia</i> (Asphodelaceae, Hemerocallidoideae)
16.45	END		16.30	Rob Smissen (online)	Dealing with allopolyploidy in the genomic age: a pragmatic approach using amplicon sequencing of COS markers in Australasian <i>Lepidium</i>
			16.35	Shelley Rowntree (S)	Phylogenomic analysis of the generic limits of <i>Chrysocephalum</i>
			16.40	Matthew Barrett	<i>Triodia</i> hummock grass systematics, hybridization and polyploidy (Poaceae: Chloridoideae)
			16.45	END	

Tuesday 11am Parallel Sessions

	Symposium: Teaching and capacity-building (session 8)	Room 1: Cinema Chairs: Andrew Thornhill, Lyn Cook		Communities (session 9)	Room 2: T2 Chair: Elena Kupriyanova
11:00	Andrew Thornhill	Introduction	11:00	Yi-Kai Tea	Illuminating the mesophotic: taxonomy on the hidden half of coral reefs
11:05	Lyn Cook	Systematics education and training at the tertiary level: a case for an integrated approach	11:15	Brock Hedges (S)	Environmental DNA metabarcoding tools for freshwater conservation: parallel characterisation of vertebrate and invertebrate communities
11:15	Joanne Birch	How to train a systematist? A status check of plant and fungal systematics training at Australasian Universities	11:30	Nick Murphy	The unknown highly diverse and endemic invertebrate communities of forest floors in south-eastern Australia threatened by the new fire regime
11:25	Andy Austin	The role of short courses and workshops in systematics postgraduate and ECR training	11:45	Hosna Ara Chordhury Nisha (S)	<i>Serendipita</i> fungi from Australian orchids as possible barley root endophytes
11:35	Ben Parslow	Taxonomists in training: the feasibility of learning from the literature, or lack of it.	12:00	Sadia Ayyub (S)	Soil-mediated effects of <i>Eucalyptus viminalis</i> dieback on plant performance and associations with mycorrhizal assemblages.
11:50	Bronywn Collins	Training the Future: 30 Years of the Volunteer Botanical Training Program	12:15	Hilary Pearl	Abiotic correlates with diversity and distinctiveness in Sunshine Coast heathlands: moisture, old landscapes, and ancient mounds
12:00	Mike Rix	The role of museums in training the next generation of systematists – challenges and opportunities	12:20	Brooke Raphael (S)	A new species of endophytic <i>Coprinopsis</i> from subtropical rainforest in south-east Queensland
12:10	Panel discussion		12:25	Helen Armstrong (S)	An enigmatic snapper parasite (Trematoda: Cryptogonimidae) found in an unexpected host
12:30	END - LUNCH		12:30	END - LUNCH	

(S) = student presentation

Tuesday 1:15pm Parallel Sessions

	Biosecurity and biocontrol (session 10)	Room 1: Cinema Chair: Juanita Rodriguez		Population genomics (session 11)	Room 2: T2 Chair: Katharina Nargar		Phylogeny and Taxonomy (session 12)	Room 3: Drama Theatre Chair: Mitzy Pepper
13:15	Patricia Lu-Irving	Characterising the invasive <i>Lantana camara</i> complex using a population genomic approach	13:15	Patrick Fahey	Landscape genomics of the Eastern Red Gums (<i>Eucalyptus</i> sect. <i>Exsertaria</i> subser. <i>Erythroxylon</i>) in New South Wales: parapatric speciation or a legacy of population isolation?	13:15	Mike Rix	Taxonomy, biogeography and the evolution of twig-lining behaviour in the trapdoor spider genus <i>Idiosoma</i> (Mygalomorphae: Idiopidae): the challenge of documenting one of Australia's most diverse spider genera
13:30	James Buxton	The taxonomic potential of integrating morphological and molecular approaches to enhance ant (Hymenoptera, Formicidae) identifications for biosecurity: bridging the gap between DNA sequences and reliable species-level confirmation	13:30	Todd McLay	Genetic differentiation between sympatric sister species of eucalypts	13:30	Tim Hammer	Delineating the Dilleniaceae: An update on the taxonomy and systematics of <i>Hibbertia</i> (Dilleniaceae)
13:45	Penelope Mills	Phylogenetics of Australian archaeococcoid scale insects to assist in decision making for classical biological control	13:45	Robb Eastman-Densen (S)	Lonely on Limestone: A Conservation Genomics Study of <i>Gentianella calcis</i> (New Zealand) With Taxonomic Implications	13:45	Kerry Ford	<i>Carex kirkii</i> s.l. Petrie (Carex section <i>Inversae</i> Kük., Cyperaceae). Two new rare species from the Eastern South Island of New Zealand
14:00	Tareva-Chine Atkin-Zaldivar (S)	<i>Coccygidium</i> ? I hardly know 'em: A taxonomic revision of the genus <i>Coccygidium</i> throughout Australia	14:00	Jessie Prebble	Assembling the genome of rātā Moehau and applications for other NZ <i>Metrosideros</i>	14:00	Sofia Samper Carro	OZBONEPROT: new protein sequences for Australian marsupials with applications to zooarchaeological and palaeontological samples
14:15	Ryan O'Donnell (S)	Rise up, <i>Rhizoctonia</i> : moving to one fungus, one name in the Cejpomycetaceae (Agaricomycetes; Cantharellales)	14:15	Stephen Zozaya	Using numerous contact zones to delimit species and calibrate a reference-based taxonomy in a challenging lizard group (<i>Heteronotia</i>)	14:15	Jaever Santos	The Auckland University of Technology Lab for Cephalopod Ecology and Systematics (ALCES): an introduction to the lab with a highlight on two new bottletail squids (Sepiariidae: Sepioloidea) from New Zealand
14:30	Teresa Lebel (online)	Confirming the identity of a toxic exotic <i>Lepiota</i>	14:30	Molly Bloomfield (S)	Population Genetics, Phylogeography and Taxonomy of Critically Endangered <i>Leptocophylla oxycedrus</i> and <i>L. juniperina</i>	14:20	Karla Garcia (S)	Newly discovered gall-inducing scale insects (Coccoomorpha: Apiomorpha) on York gum (<i>Eucalyptus loxophleba</i>) in the Southwest Australian Floristic Region
14:35	Daniel Huston	Australian cereal cyst nematode (<i>Heterodera australis</i>): taxonomic woes and biosecurity implications	14:35	Zjon Coleman (S)	Assessing Population Structure and Potential Genetic Declines in the Cycad <i>Macrozamia moorei</i>	14:25	Gareth Holmes	Don't trust a plastid for taxonomic advice: Strong incongruence between nuclear and plastid ddRAD derived phylogenies of the southern holly-leaf grevillias
14:40	END - AFTERNOON TEA		14:40	Zixiong Zhuang (S)	The first study to discover population-level genomic structural variants (SVs) in wild populations of <i>Eucalyptus viminalis</i>	14:30	Anne-Cecile Colin (S)	Revealing the extent of phylogenomic discordance in the <i>Eucalyptus</i> rapid radiation using BUSCO genes
			14:45	END - AFTERNOON TEA		14:35	END - AFTERNOON TEA	



(S) = student presentation

Tuesday 3:15pm Parallel Sessions

	Data and biodiversity informatics (session 13)	Room 1: Cinema Chair: Tom May		Palaeo and Evolution (session 14)	Room 2: T2 Chair: Marcel Cardillo
15:15	Endymion Cooper	Your (Australian) National Species List	15:15	Keaghan Yaxley	Global variation in the relationship between avian phylogenetic diversity and functional distance
15:30	Hervé Sauquet	AusTraits: Australia's plant trait database	15:30	Emily Roycroft	Speciation across biomes: rapid diversification with reproductive isolation in the Australian delicate mice
15:45	Volker Framenau	To describe or to just document: making a case for the Fauna Portal using money spiders (Araneae: Linyphiidae)	15:45	Tara Evans (S)	Declining rainforests and arid emergence: Ancient Kurradjongs (Brachychiton) of South Australia's Late Miocene-Pliocene (7 – 2.3 Mya)
16:00	Emma Holvast (S)	The current state of the field in using continuous shape data for phylogenetic reconstruction: A systematic review	16:00	Jürg Schönenberger	Angiosperm flowers reached their highest morphological diversity early in their evolutionary history
16:15	Chris Ware	The value of targeted biological surveys: an assessment of Australia's Bush Blitz program	16:15	Julian Herting	Impact of fossils on reconstructing ancestral flowers in <i>Ericales</i>
16:30	Shelley James	Backlogs and botanical survey: streamlining data delivery in an under-collected region for taxonomy and systematics	16:30	Andrew Rozefelds	Volcaniclastic silcrete floras in eastern Australia provide new fossil evidence of the fern genus <i>Pteridium</i> (bracken)
16:35	Yumiko Baba	A historical trend in the South Pacific Regional Herbarium (SUVA), Fiji, realised	16:35	Simon Tierney	Phylogenomics of South West Pacific nocturnal foraging bees
16:40	Hannah McPherson	Can we use DArT sequencing to identify our herbarium collections?	16:40	Maggie Haines	Insights into global brittle star diversity using a targeted exon capture approach
16:45	Peter Jobson	Now we are 50: A comparison of the botanical activities of Australia from 1973 and now	16:45	Giulia Perina	Extraordinary diversity and patterns of distribution in tiny subterranean crustaceans: Parabathynellidae (Bathynellacea) of Western Australian arid zone
16:50	END - Break		16:50	END - Break	

(S) = student presentation

Wednesday 11am Parallel Sessions

Cryptic species (session 15)		Room 1: Cinema Chair: Michelle Guzik	Symposium: Genomics of Australian Plants 1 (session 16)		Room 2: T2 Chair: David Cantrill
11:00	Mike Crisp	Two cryptic conifer species separated by a mid-Miocene aridity barrier in southern Australia	11:00	Alexander Schmidt-Lebuhn	Inferring the Australian Angiosperm Tree of Life: paralogy, phylogenetics, and technical hiccups along the way
11:15	Alicia Toon	The complex history of the <i>Macrozamia plurinervia</i> complex helps explain the challenges of delimiting species in this group	11:15	Theo Allnutt (online)	Bioinformatic aspects of the GAP reference genome project
11:30	Frances Guard (S)	The velvet parachute (<i>Marasmius elegans</i>): a surprisingly variable species across its range with an uncanny QLD doppelganger	11:30	Trevor Wilson	A first perspective on evolution and diversification of Australasian <i>Teucrium</i> (Lamiaceae) and improved insight to selecting contemporary genomic techniques
11:45	Andrew McDougall (S)	Resolving the taxonomy of the <i>Caladenia patersonii</i> and <i>C. reticulata</i> (Orchidaceae) species complexes in South Australia	11:45	Luis Williamson (S)	Evolution of Australian sundews (<i>Drosera</i> spp.)
12:00	Scott Cutmore	Morphological constraint obscures richness: a mitochondrial exploration of cryptic richness in <i>Transversotrema</i> (Trematoda: Transversotrematidae)	12:00	Caroline Puente-Lelievre	Expanding the Epacrid Tree of Life
12:15	Chen-Hsin Fan (S)	Is there cryptic species diversity in <i>Apiomorpha strombylosa</i> (Tepper)?	12:15	Anze Zerdoner Calasan	Evolutionary history of Australian Chenopodium alliance
12:20	Torin O'Connell (S)	First assessment of cryptic species in the gall-inducing scale insect <i>Apiomorpha calycina</i> (Coccomorpha: Eriococcidae)	12:30	END - Lunch	
12:25	Nicole McMullen (S)	Unravelling <i>Ochrogaster lunifer</i> , a cryptic species complex			
12:30	END - Lunch				

Wednesday 1:15pm Parallel Sessions

	Hyperdiverse taxa (session 17)	Room 1: Cinema Chair: Erinn Fagan-Jeffries		Symposium: Genomics of Australian Plants 2 (session 18)	Room 2: T2 Chair: Caroline Puente-Lelievre
13:15	Rose Andrew	Combinatorial speciation and ongoing gene flow in <i>Eucalyptus</i>	13:15	Daniel Murphy	Acacia phylogenomics: an initial assessment using the Angiosperms353 target capture bait set
13:30	Shannon Tetley (S)	Systematics and Taxonomy of Australian Mesostoinae on Kangaroo Island using mitogenomes (Braconidae: Mesostoinae)	13:30	Francis Nge	Reconciling incongruence and implications for taxonomy/systematics in the phylogenomic era
13:45	Yun Living Li	From phylogenomics to macroevolution: evolution across the adaptive landscape in a hyperdiverse beetle radiation	13:45	Benjamin Anderson	Is Angiosperms353 an effective tool for population genomics?
14:00	Andre Wanderley do Prado	Taxonomy and systematics of the artoriine wolf spiders (Araneae: Lycosidae): is <i>Artoria</i> monophyletic?	14:00	Laura Simmons	Discoveries in the <i>Cassia tomentella</i> and <i>Samadera bidwillii</i> species complexes provide information for conservation
14:15	Pedro de Souza Castanheira	Taxonomy and systematics of the 'backbourkiine' spiders, a putative new subfamily of orb-weavers (Araneae, Araneidae)	14:15	Harvey Orel (S)	Conservation genetics of Critically Endangered <i>Zieria</i> (Rutaceae): confirming existing species boundaries and identification of a species new to science
14:30	Peisong Tian (S)	Towards a Taxonomic Revision of <i>Trachymela</i> (Coleoptera: Chrysomelinae)	14:30	END - AFTERNOON TEA	
14:35	Consolata Nanjala (S)	Patterns of diversification and trait evolution in Australian orchids			
14:40	END - AFTERNOON TEA				

(S) = student presentation

Wednesday 3:15pm Parallel Sessions

	Dark taxa (session 19)	Room 1: Cinema Chair: Camille Truong		Methods (session 20)	Room 2: T2 Chair: Steve Cooper
15:15	Michelle Guzik	Building a custom barcode reference library for subterranean groundwater	15:15	Jeremy Wilson	The wishbone spiders of Eastern Australia (Mygalomorphae: Anamidae: <i>Aname</i>): A workflow for the description of 40+ new species in one year
15:30	Bryan Lessard	Museum genomics resolves cryptic species in the Australasian arbovirus vector mosquito <i>Culex annulirostris</i> Skuse, 1889 (Diptera: Culicidae)	15:30	Alicia Grealy	Cost-effective target sequence capture through drastically miniaturised DNA libraries and automation – a head-to-head test
15:45	Ying Luo (S)	Searching for a leaf in a forest: A taxonomic and phylogenetic revision of leaf mining moths <i>Phyllocnistis</i> (Lepidoptera: Gracillariidae) in Australia	15:45	Juanita Rodriguez	Comparative Analysis of Whole Genome Sequencing and Target Capture of Ultra Conserved Elements for Phylogenetic Studies in Hymenoptera
16:00	Nerida Wilson	The National Biodiversity DNA Library: an authoritative DNA reference library for Australia's species	16:00	Alexander Skeels	Phylogenomics of a megadiverse Australian plant radiation (subtribe Hakeinae, family Proteaceae) reveals entangled gene trees and widespread discordance
16:15	Camille Truong	Enlightening the Australian "dark" Fungi: Linking DNA barcodes to fungal names	16:15	Andrew Thornhill	World Spatial Phylogenetics of the Angiosperms
16:30	END		16:30	END	
16:35	FINAL REMARKS, STUDENT AWARDS				
16:55	CONFERENCE END				

Delegate List

<i>Name</i>	<i>Institution</i>	<i>Email</i>
Adam Slipinski	ANIC	lingzi.zhou@csiro.au
Aiden Webb	Northern Territory Herbarium/University of Melbourne	atthewebb13@gmail.com
Alana McClelland	University of Adelaide/DAFF	alana.mcclelland@adelaide.edu.au
Alex George	Murdoch University	a.george@murdoch.edu.au
Alex Skeels	Australian National University	marcel.cardillo@anu.edu.au
Alexander Schmidt-Lebuhn	CSIRO	alexander.s-l@csiro.au
Alicia Grealy	CSIRO	alicia.grealy@csiro.au
Alicia Toon	The University of Queensland	aliciatoon@gmail.com
Alison Downing	Macquarie University	alison.downing@mq.edu.au
Alison Kellow	La Trobe University	A.Kellow@latrobe.edu.au
André Wanderley do Prado	Murdoch University	awp03@hotmail.com
Andrea Wild	CSIRO	andrea.wild@csiro.au
Andreas Zwick	CSIRO	andreas.zwick@csiro.au
Andrew Maynard	Department of Agriculture, Fisheries and Forestry	andrew.maynard@aff.gov.au
Andrew McDougall	The University of Adelaide	andrew.mcdougall@adelaide.edu.au
Andrew Orme	Botanic Gardens of Sydney	
Andrew Perkins	Phoenix Environmental Sciences	Andrew.Perkins@phoenixenv.com.au
Andrew Rozefelds	Queensland Museum	andrew.rozefelds@qm.qld.gov.au
Andrew Thornhill	N.C.W. Beadle Herbarium - The University of New England	Andrew.Thornhill@une.edu.au
Andy Austin	University of Adelaide	andy.austin@adelaide.edu.au
Ankush DS	The Australian National University	Ankush.ankush@anu.edu.au
Anna Kearns	Australian National Wildlife Collection (ANWC), CSIRO	anna.kearns@csiro.au
Annabel Wheeler	Australian Biological Resource Study	Annabel.Wheeler@dcceew.gov.au
Anne Fuchs	CANB/ABRS	anne.fuchs@dcceew.gov.au
Anne-Cecile Colin	Western Sydney University	ac.colin56@gmail.com
Anthony Whalen	CSIRO	anthony.whelen@csiro.au
Antonio Rayos	University of Sydney	aray7117@sydney.edu.au
Anze Zerdoner Calasan	Ludwig Maximilian University of Munich / Western Australian Herbarium	A.Zerdoner@lmu.de
Arthur Chapman	Australian Biodiversity Information Services	biodiv_2@achapman.org
Arthur Georges	University of Canberra	georges@aerg.canberra.edu.au
Austin Brown	Royal Botanic Gardens Victoria	austinjamesbrown@gmail.com
Barbara Azevedo de Oliveira	The University of Queensland	b.aoliveira@hotmail.com
Barbara Briggs	National Herbarium of NSW	barbarab@smartchat.net.au
Barbara Briggs	National Herbarium of New South Wales	barbarab@smartchat.net.au
Ben Parslow	South Australian Museum	Ben.parslow3@gmail.com
Benjamin Anderson	WA Department of Biodiversity, Conservation and Attractions	benjamin.anderson@dbca.wa.gov.au
Benjamin Fox	Regenerate Earth / ANU	ben@benfox.com.au
Bevan Weir	Manaaki Whenua - Landcare Research	weirb@landcareresearch.co.nz
Brendan Lepschi	Australian National Herbarium	Brendan.Lepschi@csiro.au
Brigitte Kuchlmayr	Australian Biological Resources Study	Brigitte.Kuchlmayr@dcceew.gov.au

Name	Institution	Email
Brock Hedges	The University of Adelaide	brock.hedges@adelaide.edu.au
Bronwyn Collins	Centre for Australian National Biodiversity Research	bronwyn.collins@csiro.au
Brooke Raphael	University of Southern Queensland	Brooke.Raphael@usq.edu.au
Bruce Halliday	CSIRO	Bruce.Halliday@csiro.au
Bryan Lessard	Australian Biological Resources Study	bryan.lessard@dcceew.gov.au
Camille Truong	Royal Botanic Gardens Victoria	camille.truong@rbg.vic.gov.au
Carlos Lehnebach	Museum of New Zealand Te Papa Tongarewa	CarlosL@tepapa.govt.nz
Caroline Puente-Lelievre	University of Auckland	caroline.puentelelievre@gmail.com
Cecile Gueidan	CSIRO, Australian National Herbarium	Cecile.Gueidan@csiro.au
Celeste Linde	Australian National University	celeste.linde@anu.edu.au
Cheryl Parker	DBCA	cheryl.parker@dbca.wa.gov.au
Chris Glasby	Australian Museum Research Institute	glasby93@gmail.com
Chris Ware	CSIRO	chris.ware@csiro.au
Christine Cargill	Australian National Herbarium (CANB)	chris.cargill@dcceew.gov.au
Cintia Iha	CSIRO	cintia.iha@csiro.au
Claire Stephens	Australian National University	claire.stephens@anu.edu.au
Consolata Nanjala	James Cook University	consolata.nanjala@my.jcu.edu.au
Craig Moritz	The Australian National University	craig.moritz@anu.edu.au
Dan Huston	CSIRO	daniel.huston@csiro.au
Dan Murphy	Royal Botanic Gardens Victoria	danieljohnmurphy77@gmail.com
Darren Crayn	Australian Tropical Herbarium, James Cook University	darren.crayn@jcu.edu.au
David Cantrill	Royal Botanic Gardens Victoria	David.Cantrill@rbg.vic.gov.au
David Yeates	ANIC	
Declan Blackburn	University of Melbourne	dblackburn@student.unimelb.edu.au
Di Barton	Charles Sturt University	dibarton@csu.edu.au
Doug Hilton	CSIRO	
Elena Kupriyanova	Australian Museum Research Institute	elena.kupriyanova@australian.museum
Elizabeth Joyce	Ludwig-Maximilians-Universität München	E.Joyce@lmu.de
Elizabeth Wenk	University of NSW	ehwenk@gmail.com
Ely Wallis	Atlas of Living Australia, CSIRO	ely.wallis@csiro.au
Emily Roycroft	Australian National University	emily.roycroft@gmail.com
Emma Holvast	Australian National University	emma.holvast@anu.edu.au
Emma Toms	Australian National Herbarium CSIRO	Emjtoms@gmail.com
Endymion Cooper	Centre for Australian National Biodiversity Research	endymion.cooper@dcceew.gov.au
Erin Hahn	CSIRO	erin.hahn@csiro.au
Erinn Fagan-Jeffries	The University of Adelaide	erinn.fagan-jeffries@adelaide.edu.au
Federica Turco	CSIRO	federica.turco@csiro.au
Fran Guard	University of Southern Queensland	franguard@icloud.com
Francis Nge	Botanic Gardens of Sydney	francisnge@yahoo.com
Francisco Encinas-Viso	Centre of Australian National Biodiversity Research / CSIRO	francisco.encinas-viso@csiro.au
Frank Fan	the University of Queensland	chenhsin.fan@uqconnect.edu.au
Frank Hemmings	John T. Waterhouse Herbarium (UNSW)	f.hemmings@unsw.edu.au
Frank Udovicic	Royal Botanic Gardens Victoria	frank.udovicic@rbg.vic.gov.au
Frank Zich	Australian Tropical Herbarium	frank.zich@csiro.au

Name	Institution	Email
Gareth Holmes	Royal Botanic Gardens Victoria	gareth.holmes@rbg.vic.gov.au
Gary Taylor	The University of Adelaide	gary.taylor@adelaide.edu.au
Giulia Perina	Western Australian Museum and Curtin University	giulia.perina@curtin.edu.au
Grace Boxshall	University of Melbourne	boxshall@student.unimelb.edu.au
Guy Lowe	National Herbarium of NSW	guy.lowe@botanicgardens.nsw.gov.au
Hannah McPherson	Botanic Gardens of Sydney	hannah.mcpherson@botanicgardens.nsw.gov.au
Haylee Crawford-Weaver	Australian Biological Resources Study	Haylee.Crawford-Weaver@dcceew.gov.au
Heidi Zimmer	Centre for Australian National Biodiversity Research	heidi.zimmer@csiro.au
Helen Armstrong	Murdoch University	helen.armstrong18@gmail.com
Helen Kennedy	CSIRO	Helen.kennedy@csiro.au
Helen Vonow	State Herbarium of South Australia (AD)	helen.vonow@sa.gov.au
Herve Sauquet	Botanic Gardens of Sydney	herve.sauquet@gmail.com
Hilary Pearl	University of the Sunshine Coast	hilarypearl1@gmail.com
Hosna Nisha	Australian National University	
Ian Naumann	CSIRO	ian.Naumann@csiro.au
Ian Telford	N.C.W. Beadle Herbarium	itelford@une.edu.au
Ilse Breitwieser	Allan Herbarium, Manaaki Whenua - Landcare Research	breitwieseri@landcareresearch.co.nz
Jaever Santos	Australian Biological Resources Study	Jaever.Santos@dcceew.gov.au
James Bickerstaff	CSIRO ANIC	james.bickerstaff@csiro.au
James Buxton	Agriculture Victoria	james.buxton@agriculture.vic.gov.au
Jennifer Griggs	CSIRO Publishing	jennifer.griggs@csiro.au
Jenny d'Arcy	University of Adelaide	jenny.darcy@adelaide.edu.au
Jeremy Bruhl	University of New England	jbruhl@une.edu.au
Jeremy Wilson	University of Western Australia	jeremydwilson91@gmail.com
Jessie Prebble	Manaaki Whenua - Landcare Research	prebblej@landcareresearch.co.nz
Jo Birch	University of Melbourne	joanne.birch@unimelb.edu.au
Jo Harding	Bush Blitz	jo.harding@dcceew.gov.au
John Clarkson	Queensland Parks & Wildlife Service/Australian Tropical Herbarium	john.clarkson@des.qld.gov.au
John Dearnaley	University of Southern Queensland	John.Dearnaley@unisq.edu.au
John Nevin	University of New England volunteer	johnraymondnevin07@gmail.com
Jollene Fraser	Australian National Insect Collection (ANIC), CSIRO	jollene.fraser@csiro.au
Jon Lewis	ANIC CSIRO	jon.lewis@csiro.au
Jordan Douglas	University of Auckland	
Juanita Rodriguez	CSIRO Australian National Insect Collection	juanita.rodriguez@csiro.au
Judy West	Australian National Botanic Gardens	judy.west@dcceew.gov.au
Julia Percy-Bower	Western Australian Herbarium	julia.percy-bower@dbca.wa.gov.au
Julian Herting	Botanic Gardens of Sydney	
Juliet Wege	Western Australian Herbarium	Juliet.Wege@dbca.wa.gov.au
Jurate De Prins	CSIRO, ANIC	Jurate.Deprins@csiro.au
Jürg Schönenberger	University of Vienna	juerg.schoenenberger@univie.ac.at
Karen Cullen	Helix Molecular Solutions	Karen@helixsolutions.com.au
Karen L Wilson	National Herbarium of NSW, Botanic Gardens of Sydney	karenwilsonau@yahoo.com

Name	Institution	Email
Karla Maria Garcia Rodriguez	The University of Queensland	k.garciarodriguez@uq.net.au
Kate Sparks	Department of Agriculture, Fisheries and Forestry	kate.sparks@aff.gov.au
Katharina Nargar	Australian Tropical Herbarium & National Research Collections Australian (CSIRO)	katharina.nargar@csiro.au
Kathy Ebert	Queensland Museum/University of Queensland	k.ebert@uq.edu.au
Keaghan Yaxley	ANU	keaghan.yaxley@gmail.com
Keith Bayless	CSIRO Australian National Insect Collection	keith.bayless@csiro.au
Kelly Shepherd	Western Australian Herbarium (DBCA)	kelly.shepherd@dbca.wa.gov.au
Kerry Ford	Allan Herbarium	ford@landcareresearch.co.nz
Kylie Agnew-Francis	The University of Queensland	k.agnewfrancis@uq.edu.au
Kym Abrams	Department of Water and Environmental Regulation	kym.abrams@dwer.wa.gov.au
Lara Shepherd	Museum of New Zealand Te Papa Tongarewa	Lara.Shepherd@tepapa.govt.nz
Laura Simmons	Royal Botanic Gardens Victoria	laura.simmons@rbg.vic.gov.au
Leon Perrie	Museum of New Zealand Te Papa Tongarewa	leon.perrie@tepapa.govt.nz
Leonardo Tedeschi	CSIRO	leonardo.goncalvestedeschi@csiro.au
Lindsay Shelton	Private Consultancy	lindsay_rjshelton@outlook.com
Linette Umbrello	Queensland University of Technology	linette.umbrello@qut.edu.au
Lingzi Zhou	ANIC	lingzi.zhou@csiro.au
Living Li	Australian National Insect Collection	living.li@csiro.au
Liz Milla	CSIRO	liz.milla@csiro.au
Lorna Ngugi	Queensland Herbarium and Biodiversity Science	lorna.ngugi@des.qld.gov.au
Luis Williamson	The University of Adelaide	luis.williamson@adelaide.edu.au
Luke Vaughan	Royal Botanic Gardens Victoria and The University of Melbourne	Luke.Vaughan@rbg.vic.gov.au
Lyn Cook	The University of Queensland	l.cook@uq.edu.au
Mabel Lum	Bioplatforms Australia	mlum@bioplatforms.com
Maggie Haines	Museums Victoria	mhaines@museum.vic.gov.au
Mahin Chavoshi	ANU	Mahinsadat.Chavoshijolfaei@alumni.anu.edu.au
Mandy Reid	CSIRO - National Biodiversity DNA Library	Mandy.Reid@csiro.au
Marcel Cardillo	Australian National University	marcel.cardillo@anu.edu.au
Margaret Brookes	The University of Melbourne	margaret.j.brookes@gmail.com
Margaret Heslewood	Botanic Gardens of Sydney	
Mark Harvey	Western Australian Museum	mark.harvey@museum.wa.gov.au
Matt Barrett	Australian Tropical Herbarium	matt.barrett@jcu.edu.au
Matthew Lockett	Australian Biological Resources Study	Matthew.Lockett@dcceew.gov.au
Melinda Greenfield	James Cook University	melinda.greenfield@my.jcu.edu.au
Melvin Xu	MYCOmmunity Applied Mycology	melvinxzy@gmail.com
Mengjie Jin	Australian National Insect Collection, CSIRO	mengjie.jin33@gmail.com
Michael Crisp	The University of Queensland	bossiaea@gmail.com
Michael Rix	Queensland Museum	michael.rix@qm.qld.gov.au
Michelle Guzik	The University of Adelaide	michelle.guzik@adelaide.edu.au
Miguel de Salas	Tasmanian Herbarium	Miguel.deSalas@tmag.tas.gov.au
Mike Bayly	The University of Melbourne	mbayly@unimelb.edu.au
Misha Mangila	The University of Queensland	l.mangila@uqconnect.edu.au
Mitzy Pepper	The Australian National University	mitzy.pepper@anu.edu.au
Mollie Slater-Baker	The University of Adelaide	a1746992@adelaide.edu.au

Name	Institution	Email
Molly Bloomfield	University of Melbourne	bloomfieldm@student.unimelb.edu.au
Nerida Wilson	CSIRO	nerida.wilson@csiro.au
Nick Cuff	Northern Territory Herbarium	nicholas.cuff@nt.gov.au
Nick Murphy	La Trobe University	n.murphy@latrobe.edu.au
Nicole fisher	CSIRO	nicole.fisher@csiro.au
Nicole Gunter	Cleveland Museum of Natural History / Queensland Museum	nicolelgunter@gmail.com
Nicole McMullen	The University of Queensland	n.mcmullen@uqconnect.edu.au
Niko Streiber	Botanic Gardens & State Herbarium, South Australia	Nikola.Streiber@sa.gov.au
Nunzio Knerr	NRCA - CSIRO	Nunzio.Knerr@csiro.au
Olwen Grace	Royal Botanic Garden Edinburgh	ograce@rbge.org.uk
Pat Hutchings	Australian Museum	pat.hutchings@austmus.gov.au
Patricia Chan	University of Wisconsin-Madison	pwchan@wisc.edu
Patricia Lu-Irving	Botanic Gardens of Sydney	
Patrick Fahey	The University of Queensland	patrick.fahey@botanicgardens.nsw.gov.au
Paula Doyle	University of Canberra	claire.stephens@anu.edu.au
Pedro de Souza Castanheira	Murdoch University	pedro.castanheira@murdoch.edu.au
Peisong Tian	the University of Queensland	meng63111@gmail.com
Penny Mills	The University of Queensland	p.mills1@uq.edu.au
Perry Beasley-Hall	The University of Adelaide	perry.beasley-hall@adelaide.edu.au
Peter Heenan	Landcare Research	heenanp@landcareresearch.co.nz
Peter Jobson	Botanic Gardens of Sydney	
Peter Pemberton	University of New England	ppember2@myune.edu.au
Peter Weston	National Herbarium of New South Wales	peter_weston@yahoo.com
Pheophanh Soysouvanh	National University of Laos, Nabong Campus, Vientiane Province	pheophanhs@gmail.com
Phil Garnock-Jones	Victoria University of Wellington	Phil.Garnock-Jones@vuw.ac.nz
Phillip Kodela	Australian Biological Resources Study	Phillip.Kodela@dcceew.gov.au
Putter Tiatragul	Australian National University	sarin.tiatragul@anu.edu.au
Rachael King	South Australian Museum	rachael.king@samuseum.sa.gov.au
Raelee Kerrigan	ATH	raelee.kerrigan@jcu.edu.au
Remco Bouckaert	University of Auckland	
Richard Jobson	Botanic Gardens of Sydney	
Rinchen Yangzom	University of New England	ryangzom@myune.edu.au
Rob Smisen	Manaaki Whenua Landcare Research	SmissenR@landcareresearch.co.nz
Robb Eastman-Densem	University of Canterbury	rwe64@uclive.ac.nz
Robyn Barker	State Herbarium of South Australia	robyn.barker@sa.gov.au
Rose Andrew	University of New England	rose.andrew@une.edu.au
Rosemary Purdie	Retired; Australian National Herbarium Affiliate	rwpurdie@netspeed.com.au
Rudolf Meier	Museum für Naturkunde	Rudolf.Meier@hu-berlin.de
Russell Barrett	Botanic Gardens of Sydney	
Ruth Palsson		mumpalsson@gmail.com
Ryan O'Donnell	Australian National University	ryan.odonnell@anu.edu.au
Sadia Ayyub	Australian National University	sadia.ayyub@anu.edu.au
Sangay Dema	University of New England, Armidale, NSW	sdema@myune.edu.au

Name	Institution	Email
Santiago Martín-Bravo	Universidad Pablo de Olavide	smarbra@upo.es
Scott Cutmore	Queensland Museum	scott.cutmore@uqconnect.edu.au
Shannon Tetley	University of Adelaide	a1749811@adelaide.edu.au
Sharon Appleyard	CSIRO National Research Collections Australia	sharon.appleyard@csiro.au
Shelley James	DBCA - Western Australian Herbarium	shelley.james@dbca.wa.gov.au
Shelley Rowntree	University of New England	srowntre@myune.edu.au
Shirley McLaran	Citizen Scientist	shirlock61@gmail.com
Simon Ho	The University of Sydney	simon.ho@sydney.edu.au
Simon Tierney	Hawkesbury Institute for the Environment, Western Sydney University	s.tierney@westernsydney.edu.au
Sofia Samper Carro	Australian National University	sofia.samper@anu.edu.au
Sonu Yadav	Northern Territory Government	sonu.yadav@nt.gov.au
Sophie Newmarch	Massey University	s.newmarch@massey.ac.nz
Stephanie Chen	CSIRO	stephanie.chen@csiro.au
Stephanie Goedderz	Australian Tropical Herbarium	stephanie.goedderz@jcu.edu.au
Stephen Zozaya	Australian National University	stephen.zozaya@anu.edu.au
Steven Cooper	SA Museum and the University of Adelaide	steve.cooper@samuseum.sa.gov.au
Storm Martin	Murdoch University	storm.martin@murdoch.edu.au
Tara Evans	The University of Adelaide	tara.evans@adelaide.edu.au
Tareva-Chine Atkin-Zaldivar	The University of Adelaide	tarevachineatkin@gmail.com
Teresa Lebel	State Herbarium of South Australia	Teresa.Lebel@sa.gov.au
Terry Miller	Queensland Museum	terry.miller@qm.qld.gov.au
Theodore Allnutt	RBGV	theodore.allnutt@rbg.vic.gov.au
Thomas Cribb	The University of Queensland	T.cribb@uq.edu.au
Tim Collins	NSW Dept of Planning and Environment	tim.collins@environment.nsw.gov.au
Tim Hammer	University of Adelaide	timothy.hammer@adelaide.edu.au
Tina Gopalan	Australian Biological Resources Study	Tina.Gopalan@dcceew.gov.au
Todd McLay	CSIRO	todd.mclay@csiro.au
Tom May	Royal Botanic Gardens Victoria	tom.may@rbg.vic.gov.au
Torin O'Connell	The University of Queensland	torinwork@gmail.com
Trevor Wilson	Botanic Gardens of Sydney	
Vanessa Ryan	Queensland Herbarium	vryan4560@gmail.com
Vivian Sandoval	Department of Agriculture and Fisheries	vivian.sandoval@daf.qld.gov.au
Volker W. Framenau	Murdoch University	volker.framenau@murdoch.edu.au
Wendy Lee	Department of Agriculture, Fisheries & Forestry	wendy.lee@aff.gov.au
Wesley Read	Australian National University	
William Barker	State Herbarium of South Australia	
Yi-Kai Tea	Australian Museum Research Institute	teayk1@gmail.com
Ying Luo	Australian National University & Australian National Insect	ying.luo1@anu.edu.au
You Ning Su	CSIRO ANIC	youning.su@csiro.au
Yue Liu	ANIC	
Yumiko Baba	Auckland Museum <i>Tāmaki Paenga Hira</i>	ybaba@aucklandmuseum.com
Zjon Coleman	The University of Queensland	zjon.coleman@uq.net.au
Zoe McCarthy	UNSW	z.bloesch@unsw.edu.au

