

Monday 27 November				
09:00	Launch and Welcome			
09:30	Plenary—Gonzalo Giribet, Biogeography meets genomics—new trends in data analysis of biogeographic data			M-P-1
10:30	Morning break			
11:00	Barbara Waterhouse, Bringing it all together—role of eTools in frontline biosecurity surveillance	M-1-2	Olivia Davies, Are parasites as problematic for biologists as they are for their hosts?	M-2-2
11:15	Mark McGrouther, Australasian Fishes—a new citizen science resource	M-1-3	Dan Huston, Integrated taxonomic investigation of the Eneverteridae, a curious lineage of parasitic flatworms, reveals undiscovered diversity and provides new ecological insights	M-2-3
11:30	Zoe Knapp, The Flora of Australia—we've taken the covers off	M-1-4	Kara Layton, Exploring an undocumented diversification of parasitic gastropods in Antarctica	M-2-4
11:45	Judy West, Flora of Australia—National Launch	M-1-5	Amelia Lewis, Uncovering the diversity of deep-sea crustaceans (Isopoda and Amphipoda) from the Great Australian Bight	M-2-5
12:00		M-1-6	Carlos Pavon Vazquez, Of volcanoes and lizards—phylogenomics and biogeography in a group of Mexican skinks	M-2-6
12:15		M-1-7	Linette Umbrello, Small marsupials, big data—population genomics reveals structure in desert-dwelling Dasyuridae	M-2-7
12:30	Lunch			
13:15	Kevin Thiele, The Biosystematics and Taxonomy Plan discussion			M-P-8
14:10	Gill Brown, ALERT lessons from a biosecurity disaster			M-P-9
14:30	Nicole Foster, Taxonomic challenges to an independent evidence base for assessing coastal environmental change through time	M-1-10	Giulia Perina, Remarkable biodiversity of subterranean Bathynellidae (Bathynellacea, Crustacea) in the north of Western Australia and the status of the Bathynella genus	M-2-10
14:45	Char Nitschke, Biodiversity and conservation of sea snakes (Hydrophiinae) in Western Australia	M-1-11	Josephine Hyde, Phylogenetic revision of subterranean Dytiscidae from Western Australia: sister species validate sympatric or parapatric speciation underground	M-2-11
15:00	Kor-jent van Dijk, Finding solutions to 'complex' seagrass relationships	M-1-12	Patrick Fahey, The systematics of Chloris in Australia—colonisation events and a newly discovered Artesian spring endemic	M-2-12

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15:15	Afternoon break			
15:45	Haylee Weaver, The state of taxonomy and systematics in Australia—results of the 2016 Survey of Taxonomic Capacity	M-1-13	Tim Collins, Integrative taxonomic revision of <i>Xerochrysum</i> and <i>Coronidium</i> (Asteraceae: Gnaphalieae)	M-2-13
16:00	Russell Barrett, Order out of chaos—have we reached a turning point in botanical taxonomy?	M-1-14	Tim Hammer, The noble and the exalted—resolving the relationships within <i>Ptilotus nobilis</i> (Amaranthaceae)	M-2-14
16:15	Barry Richardson, Subspecies definitions and conservation legislation	M-1-15	Mike Crisp, <i>Callitris</i> —a molecular phylogenetic chronicle of extinction, survival and rediversification	M-2-15
16:30	Alexander Schmidt-Lebuhn, The use of phylograms and chronograms in the identification of biodiversity hotspots	M-1-16	Rismita Sari, The Phylogeny of Australian <i>Garcinia</i> (Clusiaceae)	M-2-16
16:45	Michael Braby, Threatened species conservation—the need for national Action Plans of insects and other invertebrates	M-1-17	Kerry Gibbons, The <i>Hedyotis</i> - <i>Oldenlandia</i> complex (Spermacoceae, Rubiaceae) in Australia—polyphyly, multiple dispersals and new genera in an Asian-Australian-Pacific lineage	M-2-17
17:00	SASB AGM & business	M-1-18	Francis Nge, Biogeographic history and evolution of the two Australian temperate floras	M-2-18
			Allison Mertin, Phylogenomic insights into the evolution of Greenhood Orchids (subtribe <i>Pterostylidinae</i>) in time and space	M-2-19
17:30	Mark Harvey, SASB Distinguished Research Award—The rise and rise of systematics			M-P-20
Tuesday 28 November				
08:30	Housekeeping/Updates			
08:45	Keynote—Judy West, Can systematics evolve beyond its years?			T-P-1
09:30	Paul Oliver, Crossing lines—a saurian perspective	T-1-2	Ben Parslow, The systematics and host associations of the Australian parasitic wasp genus <i>Gasteruption</i> (Hymenoptera: Gasteruptionidae)	T-2-2
09:45	Emily Roycroft, Murid rodents as a model for decoding the genomic basis of adaptive radiations across Indo-Australia	T-1-3	Erinn Fagan-Jeffries, Using high-throughput amplicon sequencing to explore the biodiversity of Australian microgastrine parasitoid wasps	T-2-3
10:00	Damien Esquerré, Phylogenomics and biogeography of the pythons—a Trans-Wallacean clade of giant snakes	T-1-4	Rung-Juen Lin, The immature stages and biology of <i>Rotunda rotundapex</i> (Miyata & Kishida) (Lepidoptera: Bombycidae)	T-2-4
10:15	Scott Groom, Origins of the Australian bee fauna	T-1-5	James Dorey, Drivers of speciation in Fijian <i>Homalictus</i> —past climate cycles and geographic isolation	T-2-5

10:30	Morning break			
11:00	Katharina Nargar, Australasian orchid diversification in time and space—a phylogenomic study	T-1-6	Yuchi Lin, Multiple losses of defence hairs in cup moths (Lepidoptera: Limacodidae)	T-2-6
11:15	Lizzy Joyce, Origins of the northern Australian flora: role of the Sunda-Sahul floristic exchange	T-1-7	Mark Stevens, Revision of 'giant' Collembola within Neanuridae reveals convergent evolution of character traits and lack of support for Uchidanurinae	T-2-7
11:30	Sarah Mathews, The biogeography of Indonesian forests	T-1-8	Craig Edwards, Species delimitation and description of scale insects (Eriococcidae) that induce galls on Melaleuca (Myrtaceae)	T-2-8
11:45	Lalita Simpson, Asian–Australasian biotic exchange—phylogenomic insights from the mega diverse genus <i>Bulbophyllum</i> (Orchidaceae)	T-1-9	Liz Milla, Exploring the possible co-evolution of <i>Boronia</i> (Rutaceae) and their pollinator moths (Heliozelidae, Lepidoptera)	T-2-9
12:00	Andrew Hugall, Crossing lines—steps towards synthesis	T-1-10	Alicia Toon, Population structure of <i>Macrozamia</i> cycads and their Cycadotrips pollinators—congruence in a plant–pollinator obligate mutualism	T-2-10
12:15	Charles Foster, Plastome-scale sequencing and a methodological arsenal begin to unravel the evolutionary history of <i>Pimelea</i> (Thymelaeaceae)	T-1-11		
12:30	Lunch			
13:15	Kristofer Helgen, Systematics and other collections-based sciences in the Anthropocene			T-P-12
14:00	Todd McLay, Fine scale genetic variation and introgression in ash eucalypts in the highlands of Victoria	T-1-13	Kym Abrams, Surprising schizomids (Arachnida)—a <i>Draculoides</i> in disguise and other oddities	T-2-13
14:15	Gill Brown, Taxonomic clarification of the critically endangered <i>Notelaea ipsviciensis</i>	T-1-14	Barbara Baehr, Australian Arachnology advanced through European heritage—the origin of spider research in Australia and the importance of the Godeffroy Collection for current spider taxonomy and diversity assessments	T-2-14
14:30	Patricia Lu-Irving, Untangling the systematics and invasion history of <i>Lantana camara</i>	T-1-15	Mark Harvey, Phylogenetic relationships of the Australian open-holed trapdoor spiders (Nemesiidae: Anaminae)—a multi-locus molecular analysis resolves generic classification	T-2-15
14:45	Posters and afternoon break			
15:30	ASBS AGM and business meeting		Mike Rix, Systematics, biogeography and conservation of Australia's spiny trapdoor spiders (Idiopidae)—progress and prospects	T-2-16

15:45			Cor Vink, The spider tree of life— what does it mean for the New Zealand fauna?	T-2-17
16:00			Jeremy Wilson, Spiny trapdoor spiders (Euoplos) of eastern Australia—broadly sympatric clades are coupled with burrow architecture and male morphology	T-2-18
16:15			Renan Santana, Phylogeny of the Eastern Australian tarantula	T-2-19
16:30	Nancy T. Burbidge Medal Presentation and Address			
18:00	Conference Dinner			
Wednesday 29 November				
08:30	Housekeeping/Updates			
08:45	Keynote—Nerida Wilson, Out of sight, out of mind—marine invertebrate systematics and conservation			W-P-1
09:30	Steve Cooper, Systematics, evolution and conservation management of troglofauna from the Yilgarn calcretes	W-1-2	Greg Jordan, Palaeoendemism	W-2-2
9:45	Michelle Guzik, Biodiversity assessment of a groundwater community in the Pilbara, Western Australia	W-1-3	Vera Korasidis, A Cenozoic southern hemisphere peatland rainforest record of climate, floral evolution and fire	W-2-3
10:00	Grant Hose, Preliminary analysis of metabarcoding for the assessment of stygofauna assemblages	W-1-4	Anne-Marie Tosolini, Eocene ecosystems determined from fossil plant-insect interactions from Anglesea, Victoria, Australia	W-2-4
10:15	Bill Humphreys, Towards subterranean fauna conservation in arid Australia—realisation, establishment and consolidation	W-1-5	Andrew Rozefelds, What role can palaeobotany play in integrating systematics for conservation and ecology?	W-2-5
10:30	Morning break			
11:00	Emma Matthews, Identifying short range endemic Parabathynellidae (Crustacea:Bathynellacea) and stygofauna in the Pilbara and Browns Range, Western Australia	W-1-6	John Conran, Cretaceous to Recent araucarian forests in New Zealand—evidence from pollen, wood, leaves, amber and biotic inclusions	W-2-6
11:15	Danielle Stringer, Taxonomy and sequence capture of Haloniscus isopods from threatened arid zone groundwater habitats	W-1-7	Bob Hill, Can plant fossil data inform future environmental options?	W-2-7
11:30	Rachael King, Where to draw the line? Defining stygobitic amphipod species for conservation and management	W-1-8	Myall Tarran, The fossil record of Syzygium and Metrosideros (Myrtaceae) in the Cenozoic of South Eastern Australia	W-2-8

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11:45	Barbara Langille, Molecular evolution of 'eye genes' in blind beetles—evidence for neutral evolution of phototransduction genes	W-1-9	Keelin Smith, Species delimitation and morphometric analysis of <i>Anthotium humile</i> (Goodeniaceae)	W-2-9
12:00	Kurt B. Petersen, The ecological advantage of heterospory in <i>Selaginella</i> and <i>Isoetes</i>	W-1-10	Bill Barker, The diversification of Australian <i>Lindernia</i> (Linderniaceae)	W-2-10
12:15			Peter Wilson, Resolution of taxonomic limits in <i>Haloragis serra</i> and the <i>Haloragis exalata</i> species complex	W-2-11
12:30	Lunch			
13:15	Keynote—Shelley James, Herbarium data—global biodiversity and societal botanical needs for novel research			W-P-12
14:00	Matt Renner, Phylogenetic niche conservatism and release in <i>Acacia</i>	W-1-13	Hervé Sauquet, The ancestral flower of angiosperms and its early diversification	W-2-13
14:15	Matt Buys, Phylogenomics and island radiation—applying Anchored Hybrid Enrichment to <i>Leptospermum scoparium</i> (Myrtaceae)	W-1-14	Jennifer Tate, Host specificity in the New Zealand mistletoe <i>Korthalsella salicornioides</i> (Viscaceae)	W-2-14
14:30	Nathalie Nagalingum, Can NGS data resolve relationships in a recently-radiated genus? An example using the cycad genus <i>Cycas</i>	W-1-15	Juliet Wege, Saving our 'Attractions'—vascular plant taxonomy informing conservation efforts in Western Australia	W-2-15
14:45	Lars Nauheimer, Plastome structure and phylogenomics in Nymphaeales	W-1-16	Bronwen Keighery, Systematics and the conservation of Perth's vascular native flora	W-2-16
15:00	Ed Biffin, Probing the State's flora—a hybrid enrichment approach for vascular plants	W-1-17	Greg Keighery, Rainbows end—orchid systematics and conservation in south-west Western Australia	W-2-17
15:15	Afternoon break			
15:45	Wrap up and prizes			
16:15	SASB Incoming Council Meeting			