

The second Australian Native Bee Conference
 St Leo's College, University of Queensland, St Lucia, Brisbane
 Thu 5th Dec – Sat 7th Dec 2019

Wednesday 4th December 2019

1800 Welcome reception

Note that on the second session of each day, between morning break and lunch, you have a choice of two parallel sessions

Thursday 5th December 2019

Hour	#	Event	Topic
900	1.1.1	Spirits of the Red Sand	Welcome to country and Native Bee Dance
930	1.1.2	Plenary Speaker: Eduardo Almeida	Australian bee systematics & biogeography (Australian bees: Ancient or young, but very attractive)
1000	1.1.3	Plenary Speaker: Michael Batley	Diversity & ecology of Simpson Desert bees

1030 Morning break

BEE BIOLOGY				Conv: Juanita Rodriguez	TAXONOMY & SYSTEMATICS	
Hour	#	Speaker	Topic	#	Speaker	Topic
1100	1.2.1	James Dorey	Missing for almost 100 years: a case study of <i>Pharohylaeus lactiferus</i>	1.3.1	Michael Branstetter	Ultraconserved element phylogenomics: A one-stop shop for advancing native bee systematics, taxonomy, and identification
1115	1.2.2	Rachele Wilson	Solitary bee dependence on exotic plants identified through DNA metabarcoding of nest provisions			
1130	1.2.3	Brittany Elliott	The pollen diets and niche overlap of honey bees and native bees in heathlands	1.3.2	James Hereward	Which genetic markers are best for assessing stingless bee diversity?
1145	1.2.4	Alex Blackall	Reproduction of the buzz-pollinated <i>Hibbertia exutiacies</i> in a fragmented landscape.	1.3.3	Ros Gloag	Cryptic diversity in Australian <i>Tetragonula</i> & the mito-nuclear speciation hypothesis
1200	1.2.5	Ben Parslow	Are your larvae safe? Use of bee's as hosts in the wasp genus <i>Gasteruption</i> (Gasteruptionidae: Evanioidea)	1.3.4	Katja Hogendoorn	The need for a molecular barcode library for Australian native bees
1215	1.2.6	Matt Elmer	Modelling above and below ground climate for <i>Homalictus</i> bees: Hands on with NicheMapR	1.3.5	Remko Leijs	Working towards a DNA barcode reference library for the Australian bee species
1230	1.2.7	Alan Dorin	A few things a computer scientist has learnt about bees through simulation, modelling and machine learning	1.3.6	Tobias Smith	Making taxonomy more accessible to the growing community of Australian bee enthusiasts

1245 Lunch

1315		Field trip departs
		Field trip
1830		Field trip returns

1900 Dinner

Friday 6th December 2019

Hour	#	Plenary Speaker	Topic
900	2.1.1	Laurence Packer	Bees: What's in a Name
945	2.1.2	Margarita Lopez-Uribe	Lessons from population genomic studies of bees to detect recent demographic changes linked to the expansion and intensification

1030 Morning break

Convenor: Helen Wallace				COMMUNITY ENGAGEMENT		Conv: Saul Cunningham		POLLINATION ECOLOGY	
Hour	#	Speaker	Topic	#	Speaker	Topic	#	Speaker	Topic
1100	2.2.1	Renaë McBrien / Sarah Hamilton	Native Bee Prescription - Patient rehabilitation outcomes and experiences with a therapy Native Bee Hive at Spinal Injuries Unit	2.3.1	Saul Cunningham	How can genomics help pollination ecology?			
1115	2.2.2	Judith Friedlander	The B & B Highway: Creating pollinator habitat corridors across Sydney to promote biodiversity and citizen science engagement	2.3.2	Julian Brown	Global scale drivers of crop visitor diversity and the historical development of agriculture			
1130	2.2.3	Lena Alice Schmidt	Creating a floral banquet for native pollinators	2.3.3	Olivia Bernauer	Functional pollination traits of native bees			
1145	2.2.4	Kit Prendergast	What's the best method for monitoring bees?: an empirical test and review of the literature	2.3.4	Liz Milla	Generalist pollinators as biomonitors of plant			
1200	2.2.5	Dean Haley	Honey of stingless bees need for a standard	2.3.5	Francisco Encinas-Viso	Effect of climate change in Australian alpine plant-bee communities			
1215	2.2.6	Jenny Shanks	Food for thought for an emerging industry						
1230	2.2.7	Fiona Chambers (5 mins)	When Bee Foundation and the 'Rita Fund' for native bee						

1245 Lunch

Conv: Katja Hogendoorn				CROP POLLINATION			
Hour	#	Speaker	Topic	Hour	#	Speaker	Topic
1330	2.4.1	Helen Wallace	What is an effective pollination service? Why better understanding of bee behaviour is critical for crop production				
1345	2.4.2	Chris Cannizzaro	Floral visitation rates of stingless bees in avocado orchards across transitional sexual phases				
1400	2.4.3	O. P. Nzie	Australian stingless bees as crop pollinators for strawberries in protected cropping environments				
1415	2.4.4	Scott Nacko	Small hive beetle infestation and Cucurbit pollination in Australian stingless bees				
1430	2.4.5	Claire Allison	Does the timing of stingless bee hive deployment impact foragers crop fidelity and resource use in orchards?				
1445	2.4.6	Tobias Smith	Buzz pollination in the Australian bee fauna				

1500 Afternoon break

Convenor: Tobias Smith				STINGLESS BEE KEEPING AND MANAGEMENT			
Hour	#	Speaker	Topic	Hour	#	Speaker	Topic
1545	2.5.1	Maria Dulce J. Mostoles	Utilization and commercial production of stingless bees and their products in Bicol, Philippines				
1600	2.5.2	Sunayana Sajith	Indian Beekeeping Practices: Photo-documentation				
1615	2.5.3	Windra Priawandiputra	The selection of potential native stingless bees for beekeeping in Bintialo Village, South Sumatra, Indonesia				
1630	2.5.4	Matthew Middleton	PNG native bee community development program				
1645	2.5.5	Neil Fraser	Stingless beekeeping in the wet tropics of Far North Qld				
1700	2.5.6	Chris Fuller	Managing stingless bees in the commercial orchard environment				

1900 Dinner

Saturday 7th December 2019

Hour	#	Plenary Speaker	Topic		
900	3.1.1	Cristiano Menezes	Nesting biology of stingless bees: applications for meliponiculture		
945	3.1.2	Sandra Rehan	Behavioural genetics and social evolution of the small carpenter bees		
1030	Morning break				
		Convenor: Ben Oldroyd	STINGLESS BEE BIOLOGY	#	Conv: Simon Tierney
					FUNCTIONAL GENOMICS
1100	3.2.1	Tobias Smith	The mating system of <i>Tetragonula carbonaria</i> stingless bees	3.3.1	Simon Tierney
1115	3.2.2	Francisco Garcia Bulle Bueno	Sperm with wings: long-distance male dispersal in <i>Tetragonula carbonaria</i>	3.3.2	Kor-jent van Dijk
1130	3.2.3	Matthew Keir	Spatial Ecology and Queen Turnover Rates in a population of the Stingless Bees <i>T.carbonaria</i> and <i>T.hockingsi</i>		
1145	3.2.4	James Hereward	Is there hybridisation between <i>Tetragonula carbonaria</i> , <i>T. hockingsii</i> and <i>T. davenporti</i> ?	3.3.3	Dona Kireta
1200	3.2.5	Ros Gloag	How to find food fast: olfactory eavesdropping by Australian stingless bees	3.3.4	Lucas Hearn
1215	3.2.6	Mark Hall	How will climate change affect stingless bee population dynamics and crop pollination potential?	3.3.5	Alexander Mikeyev
1230	3.2.7	Flavia Massaro	Yeasts associated with nests of Australian stingless bees		
1245	Lunch				
		Convenor: James Cook	BEE DISEASES		
1330	3.4.1	Olivia Davies	Prevalence of a pervasive parasite across the Australian hylaeine bees		
1345	3.4.2	Bronwen Roy	Exploring the virosphere of stingless bees in Eastern Australian		
1400	3.4.3	Scott Groom	Susceptibility of Australian native bees to the Varroa-vectored Deformed Wing Virus		
1415		Trevor Weatherhead	ANBA AGM		
1500	Afternoon break				
1530			Hive Exhibition Hive Exhibition Hive Exhibition		
1700		Ben Oldroyd	Summary of conference: trends, themes, directions		
1715	Finish				