

**SECTION 17****Insect Plant Interactions**

CONVENORS: Peter Price (USA), Ingrid Nanni (RSA) and John Donaldson (RSA)

**08 July 2008**SESSION NO. **2**

Symposium Reference No.	<b>17.03</b>	<b>Floral rewards and advertising</b>	Room No:	Hall 4B
Symposium Organisers:		Steve Johnson (RSA), Rob Raguso (USA) & Sue Nicolson (RSA)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	1033	<b>CO2 as a floral scent: When "primary" metabolites have "secondary" functions</b> Authors Robert Raguso	Robert Raguso
2	09:30	585	<b>Hot plants: heat reward for insect visitors to thermogenic flowers</b> Authors Roger Seymour Craig White	Roger Seymour
3	09:45	1103	<b>The basis for floral specialization in a guild of wasp-pollinated plants</b> Authors Adam Shuttleworth Florian Schiestl Steven D. Johnson	Adam Shuttleworth
4	10:00	3555	<b>How plants use empty flowers to manipulate pollinators</b> Authors Steven Johnson	Steven Johnson
5	10:15	3192	<b>Pollen nutritional content: we know everything but what it means</b> Authors T'ai Roulston	T'ai Roulston

SESSION NO. **3**

Symposium Reference No.	<b>17.09</b>	<b>Tea Break</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. **4**

Symposium Reference No.	<b>17.03</b>	<b>Floral rewards and advertising</b>	Room No:	Hall 4B
Symposium Organisers:		Steve Johnson (RSA), Rob Raguso (USA) & Sue Nicolson (RSA)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1891	<b>Chemical mediation and organization of fig and fig wasp communities</b> Authors Magali Proffitt Bertrand Schatz Martine Hossaert-McKey	Magali Proffitt
7	11:15	1960	<b>Pollination by sexual deception in orchids</b> Authors Florian Schiestl	Florian Schiestl
8	11:30	1166	<b>Nectar amino acids and insect responses</b> Authors Sue Nicolson	Sue Nicolson
9	11:45	863	<b>The role of advertisement, rewards, and defense against insect herbivores in the pollination biology of African cycads (Encephalartos)</b> Authors John Donaldson Terence Suinyuy Steven Johnson	John Donaldson
10	12:00	1401	<b>The importance of floral scent in the evolutionary shift from bird to beetle pollination in Protea</b> Authors Sandy-Lynn Steenhuisen Steven D. Johnson Robert A. Raguso	Sandy-Lynn Steenhuisen
11	12:15	1792	<b>Floral niche models best explain proboscis length evolution in long-tongued, bloodsucking pollinators (Diptera: Tabanidae).</b> Authors Shelah I. Morita	Shelah I. Morita

SESSION NO. **5**

Symposium Reference No.	<b>17.022</b>	<b>Lunch Break &amp; Posters</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

SESSION NO. **6**

Symposium Reference No.	<b>17.03</b>	<b>Floral rewards and advertising</b>	Room No:	Hall 4B
Symposium Organisers:		Steve Johnson (RSA), Rob Raguso (USA) & Sue Nicolson (RSA)		

Order	Start	Abstract No.	Presentation Title	Presenting Author
12	14:00	3141	<b>Floral rewards for bats subsidize pollination, herbivory and biodiversity in an aridlands hawkmoth community</b> Authors Jeffrey Riffell Ruben Alarcon Leif Abrell	Goggy Davidowitz

13	14:15	1888	<b>Mimics and magnets: The importance of colour and ecological facilitation in floral deception</b> Authors Craig I. Peter Steven D. Johnson	Craig I. Peter
14	14:30	1812	<b>Heat and odour of Macrozamia cycad cones offer mixed cues to their host specific thrips pollinators</b> Authors Irene Terry Gimme Walter Robert Roemer	Irene Terry
15	14:45	737	<b>Insect versus wind pollination in the South African cycad Stangeria</b> Authors Serban Proches Steven Johnson	Serban Proches
16	15:00	534	<b>Attraction of nectar-seeking mosquitoes to inflorescence odours of Silene otites (Caryophyllaceae)</b> Authors Umma Salma Jhumer Katrin Silke Jahrei Stefan Dotterl	Andreas Jurgens
17	15:15	3018	<b>Bee perception of warmth as a floral reward</b> Authors Adrian Dyer Heather Whitney Sarah Arnold	Adrian Dyer

SESSION NO. 7

Symposium Reference No. **17.017** **Tea Break** Room No: Hall 3ABC  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. 8

Symposium Reference No. **17.03** **Floral rewards and advertising** Room No: Hall 4B  
Symposium Organisers: Steve Johnson (RSA), Rob Raguso (USA) & Sue Nicolson (RSA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
18	16:00	1180	<b>Effect of floral traits and display area on insect visitation rates in lowland vegetation in the Cape Floristic Region</b> Authors Sven Vrdoljak Michael Samways	Sven Vrdoljak
19	16:15	1577	<b>Aversive conditioning in the monarch butterfly, Danaus plexippus (L.) (Lepidoptera: Nymphalidae)</b> Authors Daniela Rodrigues Martha Weiss	Daniela Rodrigues
20	16:30	1704	<b>Floral odour patterns and pollinator guilds in a New Zealand alpine plant community</b> Authors Mascha L Bischoff Andreas Juergens Janice M Lord	Mascha L Bischoff
21	16:45	925	<b>The roles of floral colour and scent in a shift from wind to insect pollination in the sedges (Cyperaceae)</b> Authors Peter D. Wragg Steven D. Johnson	Peter D. Wragg
22	17:00	3373	<b>The evolution of "resin flowers" (Euphorbiaceae, Clusiaceae) and their bees (Apidae, Megachilidae): the roles of exaptation and natural selection in reward diversification</b> Authors W. Scott Armbruster Mats Gustafsson	W. Scott Armbruster

27 June 2008