

SECTION 6**Ecology**

CONVENORS: Melodie McGeoch (RSA) and Stig Larsson (Sweden)

11 July 2008

SESSION NO. 2

Symposium Reference No. **6.07** **Pollinators in full bloom** Room No: Hall 2BH
 Symposium Organisers: Connal Eardley (RSA) & Carolin Mayer (Germany)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	458	A population perspective on plant-pollinator interactions Authors Steven Johnson	Steven Johnson
2	09:30	1119	Pollinator food-webs on granite outcrops – diversity, specificity and a fly story Authors Caroline Gross Wendy Waters	Caroline Gross
3	09:45	629	When pollination syndromes break down: Principles and a case study of <i>Cyclamen persicum</i> Authors Amots Dafni	Amots Dafni
4	10:00	855	The impacts of alien plants on native pollinators Authors Caroline Nienhuis Jane Stout	Caroline Nienhuis
5	10:15	2041	Trick or treat - effects of an invasive plant on survival and resource sharing in Irish bumblebees Authors Anke Dietzsch Jane Stout	Anke Dietzsch

SESSION NO. 3

Symposium Reference No. **6.015** **Tea Break** Room No: Hall 3ABC
 Symposium Organisers:

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

SESSION NO. 4

Symposium Reference No. **6.07** **Pollinators in full bloom** Room No: Hall 2BH
 Symposium Organisers: Connal Eardley (RSA) & Carolin Mayer (Germany)

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1204	Ecology of harvesting in stingless bees Authors Marilda Laurino	Marilda Laurino
7	11:15	136	Foraging behaviour of the African honey bee (<i>Apis mellifera adansonii</i>) on <i>Combretum nigricans</i>, <i>Erythrina sigmoidea</i>, <i>Lannea kerstingii</i> and <i>Vernonia amygdalina</i> flowers Authors Tchuenguem Fernand-Nestor Messi Jean Bruckner Dorothea	Tchuenguem Fohouo Fernand-Nestor
8	11:30	1146	Status of pollination ecosystem services in South Africa Authors John Donaldson Ruan Veldtman	Ruan Veldtman
9	11:45	3103	Antibacterial activity of honey from Kenyan stingless bees and honeybees Authors Joseph Macharia Elliud Muli Suresh Raina	Joseph Macharia
10	12:00	3417	A journal for pollination ecology. Authors Carolin Mayer	Carolin Mayer
11	12:15	3533	Collaborating in pollination science Authors Connal Eardley Lucie Rogo Michael Ruggiero	Connal Eardley

SESSION NO. 5

Symposium Reference No. **6.028** **Lunch Break & Posters** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	Lunch Break & Posters Authors	Lunch Break & Posters

SESSION NO. 6

Symposium Reference No. **6.034** **Selected Contributions 6E** Room No: MR 11CD
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
12	14:00	545	Is there a gradient of predation pressure on specialist caterpillars at different elevations in the North Eastern Andes of Ecuador? Authors Genoveva Rodriguez-Castañeda Lee A. Dyer	Genoveva Rodriguez-Castañeda

13	14:15	578	A novel methodology for testing for niche partitioning in insect predator communities Authors Tobin Northfield Gretchen Snyder William Snyder	Tobin Northfield
14	14:30	1240	How costly is it to be an intraguild predator? Authors António O. Soares Marlene Terra Rafael Arruda	António O. Soares
15	14:45	1265	Multiple interactions and temperature constraints in a parasitoid guild attacking tephritid fruit fly eggs in Hawaii Authors Stefan Kroder Russel H. Messing	Stefan Kroder
16	15:00	1275	Interspecific competition between parasitoid wasps: sneak vs. guard, who wins? Authors Tara J. Murray Tara J. Murray Sarah Mansfield	Tara J. Murray
17	15:15	2163	Edaphic factors influencing the performance of a root-feeding flea beetle, <i>Longitarsus bethae</i> (Coleoptera: Chrysomelidae), a biological control agent for <i>Lantana camara</i> (Verbenaceae) Authors David Simelane	David Simelane

Symposium Reference No.	6.08	Insect outbreaks revisited	Room No:	Hall 2BH
Symposium Organisers:	Pedro Barbosa (USA) & Markus Rantala (Finland)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
18	14:00	322	A history of insect outbreaks — from Genesis to GIS Authors May Berenbaum	May Berenbaum
19	14:30	2082	Insect outbreaks viewed through a nutritional physiology framework Authors Spencer T. Behmer Anthony Joern	Spencer T. Behmer
20	14:45	546	The role of ecological stoichiometry in outbreaks of forest Lepidoptera Authors Eric Lind Pedro Barbosa	Eric Lind
21	15:00	1182	Immune Responses and Their Potential Role in Insect Outbreaks Authors Markus Rantala	Markus Rantala
22	15:15	279	Spatial synchrony in forest insect outbreaks: Why is it so ubiquitous? Authors Andrew Liebhold Ottar Bjørnstad Derek Johnson	Andrew Liebhold

SESSION NO. **7**

Symposium Reference No.	6.022	Tea Break	Room No:	Hall 3ABC
Symposium Organisers:				

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

SESSION NO. **8**

Symposium Reference No.	6.034	Selected Contributions 6E	Room No:	MR 11CD
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
23	16:00	3014	The pest status of diamondback moth (Lepidoptera: Plutellidae) in South Africa: the role of parasitoids in suppressing the pest populations Authors Robert S. Nofemela Morake S. Mosiane Rami Kfir	Robert S. Nofemela
24	16:15	3265	Agromyzidae (Diptera) leafminer fly-parasitoid relationships in potato agroecosystems of the Peruvian coast Authors Norma Mujica Jürgen Kroschel	Norma Mujica
25	16:30	254	Population fluctuations of predators in cabbage ecosystems Authors Syed Waqas Ali Akbar Shahid Hussain Khan Hasnain Afzal	Syed Waqas Ali Akbar
26	16:45	2992	Successful invasion of red turpentine beetle <i>Dendroctonus valens</i> LeConte (Coleoptera: Scolytidae): Evidence of the empty niche hypothesis Authors Zhen Zhang Pei-yi Zhang Jun Liu	Zhen Zhang
27	17:00	2	Symbiotic flagellated Protozoa isolated from red palm weevil, <i>Rhynchophorus ferrugineus</i> (Olivier), (Coleoptera: Curculionidae) Authors Mohamed Ragaei Mohamed Gesraha	Mohamed Ragaei

Symposium Reference No.	6.08	Insect outbreaks revisited	Room No:	Hall 2BH
Symposium Organisers:	Pedro Barbosa (USA) & Markus Rantala (Finland)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
28	16:00	1652	Managing insect invasions: Lessons from biological control of weeds Authors Peter McEvoy Eric Coombs Fritzi Grevstad	Peter McEvoy
29	16:15	744	The value of changing phenotypes: Herbivore population consequences of induced plant responses Authors Andre Kessler Katja Poveda	Andre Kessler

30	16:30	1724	Genetic differentiation and outbreak species in agroecosystems Authors Raul Medina	Raul Medina
31	16:45	1570	Transgenic crops, pest resistance, and outbreaks Authors Bruce Tabashnik Aaron Gassmann David Crowder	Bruce Tabashnik
32	17:00	233	Disasters by design: Why pests outbreak in the urban forest Authors Michael Raupp Adrianna Szczepaneic Scott Creary	Michael Raupp
33	17:15	603	Landscape perspectives on land-use change and insect outbreaks Authors Teja Tscharntke	Teja Tscharntke

26 June 2008