

**SECTION 6****Ecology**

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

**09 July 2008**

SESSION NO. 2

Symposium Reference No. **6.033** **Selected Contributions 6D** Room No: MR 22G  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	503	<b>Different effects of three paracoprid dung beetles based on their niche</b> Authors Heason Bang Joon-Ho Lee Young-Eun Na	Heason Bang
2	09:15	789	<b>Soil macrofauna effect on plant succession in post mining sites</b> Authors Jan Frouz Ondrej Mudrak Alena Roubickova	Jan Frouz
3	09:30	2069	<b>Above- and belowground direct and indirect defense mechanisms of transgenic Bt maize and implications for biological control</b> Authors Claudia Zwahlen Lehot G�eraldine Ted Turlings	Claudia Zwahlen
4	09:45	3076	<b>Seasonal changes in above ground community structure of insects and plants after ground application of fungicide</b> Authors Satoru Sato Hironori Yasuda Keitaro Tawaraya	Satoru Sato
5	10:00	3288	<b>The effects of VAM fungi inoculation on occurrences of plants and insects in the field</b> Authors Satoru Sato Hironori Yasuda Keitaro Tawaraya	Satoru Sato
6	10:15	1885	<b>Are oil palm plantations green deserts? Invertebrate biomass, diversity and function in oil palm plantations in Sabah, Malaysia.</b> Authors Ed Turner Jake Snaddon William Foster	William Foster

Symposium Reference No. **6.04** **Plant chemistry and insect ecology: a multitrophic perspective** Room No: Hall 2BH  
Symposium Organisers: Jeff Harvey (The Netherlands) & Paul Ode (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	09:00	771	<b>Tri-trophic interactions in native and introduced habitats: furanocoumarins, webworms, and Copidosoma sosares</b> Authors Paul Ode Evan Lampert Arthur Zangerl	Paul Ode
8	09:15	918	<b>Potential for host plant-mediated genetic differentiation in a tritrophic system</b> Authors Betty Benrey	Betty Benrey
9	09:30	462	<b>Multi-trophic maintenance of herbivore populations: how plant secondary chemistry indirectly benefits parasitoid natural enemies.</b> Authors Angela Smilanich Lee Dyer Deane Bowers	Angela Smilanich
10	09:45	1646	<b>Variation in caterpillar chemical defense: Effects on predators versus parasitoids</b> Authors Deane Bowers	Deane Bowers
11	10:00	488	<b>Differential effects of the induction of direct plant defences on the development of a generalist herbivore and its solitary endoparasitoid</b> Authors Rieta Gols Jeffrey A. Harvey	Rieta Gols
12	10:15	1538	<b>Synomones induced by egg deposition in herbaceous plants.</b> Authors Stefano Colazza Ezio Peri Eric Conti	Stefano Colazza

SESSION NO. 3

Symposium Reference No. **6.013** **Tea Break** 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. **6.033** **Selected Contributions 6D** Room No: MR 22G  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
13	11:00	3193	<b>Dissection of community structure reveals neutrality among tropical arthropods</b> Authors Farnon Ellwood William Foster Andrea Manica	Farnon Ellwood
14	11:15	3503	<b>Bt-Cotton damaged and undamaged by Spodoptera frugiperda and its influence on the behaviour of the egg parasitoid Trichogramma pretiosum</b> Authors M Borges M.C.B Moraes R.A Laumann	M Borges

15 11:30 3436 **Role of commercial bee-attractants in the pollination and yield parameters of Niger** V Sivaram  
 Authors V Sivaram .V. Jayaramappa

Symposium Reference No. **6.04** **Plant chemistry and insect ecology: a multitrophic perspective** Room No: Hall 2BH  
 Symposium Organisers: Jeff Harvey (The Netherlands) & Paul Ode (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
16	11:00	768	<b>Environmental influence on tri-trophic interactions: Plant phenotypic diversity and multiple herbivory</b> Authors Cesar Rodriguez-Saona Jennifer Thaler	Cesar Rodriguez-Saona
17	11:15	689	<b>Costly butterfly anti-aphrodisiac: direct and indirect arrestment of egg parasitoids</b> Authors Nina Fatouros Martinus Huigens Joop van Loon	Nina Fatouros
18	11:30	920	<b>Specific adaptations to plant chemical defences in a generalist herbivore: Detoxification of isothiocyanates by glutathione-S-transferases in midguts of Spodoptera littoralis</b> Authors Katharina Schramm Jonathan Gershenzon Ute Wittstock	Katharina Schramm
19	11:45	2094	<b>Semiochemical-mediated fire ant-phorid fly interactions: GC-EAD response of Pseudacteon tricuspis to Solenopsis fire ants</b> Authors Henry Fadamiro Li Chen	Henry Fadamiro
20	12:00	700	<b>Direct and indirect consequences of variation in plant quality for food web structure</b> Authors Tibor Bukovinszky Frank van Veen Yde Jongema	Tibor Bukovinszky

SESSION NO. **5**

Symposium Reference No. **6.026** **Lunch Break & Posters** 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. **6.019** **Free Afternoon** Room No:  
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	14:00	0	<b>Free Afternoon</b> Authors	Free Afternoon

26 June 2008