

SECTION 6**Ecology**

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

07 July 2008SESSION NO. **2**Symposium Reference No. **6.01** **Multiple natural-enemy interactions in natural and managed systems** Room No: Hall 2BH

Symposium Organisers: Robert Denno (USA) & Matthew Thomas (Australia)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	693	Multiple enemy interactions: the Devil is in the detail Authors Matthew Thomas	Matthew Thomas
2	09:30	650	Outcome of enemy-enemy interactions: Role of behavior, life-history and scale Authors Christer Bjorkman	Christer Bjorkman
3	09:45	141	Herbivore-induced bottom-up trophic cascade Authors Takayuki Ohgushi Shunsuke Utsumi	Takayuki Ohgushi
4	10:00	543	Predator-predator interactions: Impact on biological control of a shared prey pest in Africa Authors Alexis Onzo Rachid Hanna Maurice W. Sabelis	Alexis Onzo
5	10:15	535	Multiple predators sharing prey: Consequences of microhabitat specialization Authors Maurice W. Sabelis Arne Janssen Izabela Lesna	Maurice W. Sabelis

SESSION NO. **3**Symposium Reference No. **6.011** **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. **6.01** **Multiple natural-enemy interactions in natural and managed systems** Room No: Hall 2BH

Symposium Organisers: Robert Denno (USA) & Matthew Thomas (Australia)

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1558	Density dependent effects of predator species-richness on herbivore suppression Authors Georgianne Griffiths Andrew Wilby Michael Crawley	Georgianne Griffiths
7	11:15	77	Resource partitioning and the relationship between natural-enemy diversity and the strength of prey suppression Authors Deborah Finke William Snyder	Deborah Finke
8	11:30	2146	Multiple predator interactions between the key predatory ladybird, <i>Harmonia axyridis</i>, and aphidophagous insects on hibiscus trees in a natural system Authors Hironori Yasuda Kohei Kushiubuchi Satoru Sato	Hironori Yasuda
9	11:45	906	Predator biodiversity strengthens herbivore suppression Authors William Snyder Gretchen Snyder Deborah Finke	William Snyder
10	12:00	1585	Model selection in predator diversity experiments Authors Paolo Casula Paolo Casula Mauro Nannini	Paolo Casula
11	12:15	71	Do dietary constraints promote intraguild predation and antagonistic interactions among predators in complex-structured food webs? Authors Robert Denno Rachel Goeriz Masaya Matsumura	D Finke

Symposium Reference No. **6.029** **Selected Contributions 6A** Room No: MR 12AB

Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
12	11:30	1865	A complex world: Direct and indirect interactions between plants, decomposers and herbivores Authors Adela González Megías	Adela González Megías
13	11:45	2101	Use of proteomics to investigate the respective role of insect and bacterial endosymbionts in aphid - plant interactions Authors Frederic Francis Edwin De Pauw Eric Haubruge	Frederic Francis
14	12:00	3310	Top-down and bottom-up forces shape the evolution of prey alarm signalling Authors Wolfgang Weisser	Wolfgang Weisser

15 12:15 132 **The role of chemical cues on host selection by female sunflower moth, *Homoeosoma electellum* (Hulst) (Lepidoptera: Pyralidae), and banded sunflower moth, *Cochylys hospes* Walsingham (Lepidoptera: Tortricidae)** Maboko Mphosi
 Authors Maboko Mphosi Stephen Foster

SESSION NO.		5		
Symposium Reference No.	6.024	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.	6.01	Multiple natural-enemy interactions in natural and managed systems	Room No: Hall 2BH	
Symposium Organisers: Robert Denno (USA) & Matthew Thomas (Australia)				
Order	Start	Abstract No.	Presentation Title	Presenting Author
16	14:00	396	Vegetation context and the emergence of multi-predator effects Authors Andrew Wilby Linda Anglin Khalid Asiry	Andrew Wilby
17	14:30	149	Coexistence of <i>Aphidius</i> species: Does interspecific competition structure the parasitoid community? Authors Joan van Baaren Cécile Le Lann Pauline Le Guigo	Joan van Baaren
18	14:45	601	Complementary resource use in species-rich predator and parasitoid assemblages Authors Teja Tscharntke	Teja Tscharntke
19	15:00	384	Assessing the impact of the spatial arrangement of non-crop vegetation in Australian cotton landscapes: incorporating connectivity in spatially specific landscape complexity analysis Authors David Perovic Geoff Gurr Anantanarayanan Raman	David Perovic
20	15:15	1097	Area-wide spatial and successive mapping of termite infestation in an oil palm agroecosystem Authors Faszly Rahim Ahmad Said Sajap Idris Ghani	Faszly Rahim
21	15:15	1102	Spatial distributions and development of sampling methods for <i>Aphis gossypii</i> in commercial greenhouse cucumbers Authors Taek-Jun Kang Heung-Yong Jeon Seung-Ryong Cheong	Taek-Jun Kang

Symposium Reference No.		6.031		Selected Contributions 6B	Room No: MR 12AB
Symposium Organisers:					
Order	Start	Abstract No.	Presentation Title	Presenting Author	
22	14:00	451	Are nitrogen driven changes in host plant quality responsible for the decline of butterfly species in NW-Europe? Authors Marijn Nijssen Frits Bink Arnold van den Burg	Marijn Nijssen	
23	14:15	1420	Host location by the braconid parasitoid <i>Cotesia flavipes</i> and suitability of 'wild' and 'cultivated' stemborer species Authors Meshack Obonyo Paul-André Calatayud Johnnie van den Berg	Meshack Obonyo	
24	14:30	1628	Impacts of CO2 pollution on plant-insect interactions: A transcriptional and biochemical analysis of soybean defense signaling Authors Clare L. Casteel Jorge A. Zavala May R. Berenbaum	Clare L. Casteel	
25	14:45	1790	Interaction between the leopard moth borer, <i>Zeuzera pyrina</i> L. (Cossidae), and olive cultivars in Egypt Authors Esmat Hegazi Frederik Schlyter Wedad Khafagi	Esmat Hegazi	
26	15:00	2993	Effects of host and non-host volatiles on the behavior of red turpentine beetle <i>Dendroctonus valens</i> LeConte (Coleoptera: Scolytidae) and its natural enemies Authors Zhen Zhang Hong-bin Wang Li-xian Cui	Zhen Zhang	

SESSION NO.		7		
Symposium Reference No.	6.017	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.		6.01		Multiple natural-enemy interactions in natural and managed systems		Room No:	Hall 2BH
Symposium Organisers:				Robert Denno (USA) & Matthew Thomas (Australia)			
Order	Start	Abstract No.	Presentation Title			Presenting Author	
27	16:00	1142	Spatio-temporal distribution of dengue vector mosquitoes from different agro-ecological zones			Unsar Naeem-Ullah	
			Authors Unsar Naeem-Ullah Waseem Akram Faisal Hafeez				
28	16:15	1789	Spatial analysis of the influence of adjacent vegetation on the abundance and distribution of natural enemies in a vineyard in south eastern Australia			Linda Thomson	
			Authors Linda Thomson				
Symposium Reference No.		6.031		Selected Contributions 6B		Room No:	MR 12AB
Symposium Organisers:							
Order	Start	Abstract No.	Presentation Title			Presenting Author	
29	16:00	1025	Extinction debt of vascular plants and butterflies in five European countries			Jochen Krauss	
			Authors Jochen Krauss Riccardo Bommarco Ingolf Steffan-Dewenter				
30	16:15	1208	Sphragis-bearing in the clouded Apollo butterfly (<i>Parnassius mnemosyne</i>, Parnassiinae, Papilionidae)			Adrien Fónagy	
			Authors János Kis Adrien Fónagy László Peregovits				
31	16:30	256	Microsatellite analyses reveal fine-scale genetic structure in <i>Busseola fusca</i> (Fuller) (Lepidoptera: Noctuidae)			George Ong'amo	
			Authors George Ong'amo Bruno Le Ru Stephane Dupas				
32	16:45	442	Understanding distribution patterns of invertebrates within inland drift sand areas using life-history tactics and feeding guilds			Marijn Nijssen	
			Authors Marijn Nijssen Hans Esselink Marten Geertsma				
33	17:00	1013	Odor-mediated parasitoid-host interaction: A model study			Marjolein Lof	
			Authors Marjolein Lof Lia Hemerik Maarten de Gee				
34	17:15	1083	Rate of colonisation of <i>Bemisia tabaci</i> and its parasitoid <i>Eretmocerus hayati</i> : The role of landscape composition			Nancy Schellhorn	
			Authors Nancy Schellhorn				

27 June 2008