

SECTION 6**Ecology**

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

12 July 2008

SESSION NO. 2

Symposium Reference No.	6.035	Selected Contributions 6F	Room No:	MR 11CD
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	82	Seasonal changes in field populations of epilachnid beetle <i>Chnootriba similis</i> Thunberg (Coleoptera: Coccinellidae) Authors Remy Tuey Gordon Port	Remy Tuey
2	09:15	173	Surfactants, but not fatty acid amides contribute to caterpillar defence against predators Authors Michael Rostás Katrin Blassmann	Michael Rostás
3	09:30	213	Host location and behavioural response patterns of the parasitoid, <i>Tachinaephagus zealandicus</i> (Hymenoptera: Encyrtidae), to host and host-habitat odours Authors Sasha Voss Helen Spafford Ian Dadour	Sasha Voss
4	09:45	247	Larval-pupal parasitoids of the African wild silkworm, <i>Gonometa postica</i> (Lepidoptera: Lasiocampidae) in the Mwingi Forests, Kenya Authors Ken Fening Esther Kioko Suresh Raina	Ken Fening
5	10:00	318	Overcoming host plant resistance and parasitoid attack: tri-trophic challenges for the large raspberry aphid Authors Carolyn Mitchell Scott Johnson Stuart Gordon	Carolyn Mitchell
6	10:15	500	Predation by larval <i>Agabus</i> (Coleoptera: Dytiscidae) on primary consumers in constructed freshwater wetlands Authors Lauren Culler William Lamp	Lauren Culler

Symposium Reference No.	6.036	Selected Contributions 6G	Room No:	MR 22G
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
7	09:00	7	Dispersal and field progeny production of released <i>Trichogramma</i> species in an olive grove in Egypt Authors Esmat Hegazi Annete Herz Sherief Hassan	Sania Shweil
8	09:15	15	Structure and diversity of dung beetle communities (Coleoptera: Scarabaeoidea) in Southern Larzac (France) Authors Jean-Philippe Deguine Eric Goze Jean-Pierre Lumaret	Jean-Philippe Deguine
9	09:30	114	Effects of <i>Galleria melonella</i> (L.) and <i>Ephestia kuehniella</i> Zell. on demographic parameters of <i>Habrobracon hebetor</i> Say Authors Maryam Foroozan Ahad Sahragard Masood Amir-Maafi	Ahad Sahragard
10	09:45	262	A comparison of population growth parameters of lady beetles, <i>Hippodamia variegata</i> Goeze and <i>Coccinella septempunctata</i> L. (Coleoptera: Coccinellidae) and their prey <i>Aphis gossypii</i> Glover (Homoptera: Aphididae) under laboratory conditions Authors Mehdi Mollashahi Ahad Sahragard Reza Hosseini	Ahad Sahragard
11	10:00	362	Effect of temperature and relative humidity on population dynamics of predators of cotton pests Authors Muhammad Khan Shahid Hussain Khan Sayed Waqas Ali Akbar	Muhammad Khan

Symposium Reference No.	6.09	Ecology, evolution and application of learning in insects	Room No:	Hall 2BH
Symposium Organisers: Louise Vet (The Netherlands) & Brian Smith (USA)				

Order	Start	Abstract No.	Presentation Title	Presenting Author
12	09:00	3342	The state and status of studies of insect learning Authors Brian H Smith	Brian H Smith
13	09:15	796	Ecology of learning in insect parasitoids: From gene to behavior Authors Hans Smid Michaël van den Berg Saartje Hontelez	Hans Smid
14	09:30	184	Benefits and fitness costs of learning in insects Authors Frederic Mery	Frederic Mery
15	09:45	2008	Natural polymorphism affecting learning and memory Authors Tadeusz Kawecki Frederic Mery Amsale Belay	Tadeusz Kawecki
16	10:00	833	The butterfly bell curve: linking behavior, brains, and life history in the study of host learning Authors Emilie Snell-Rood Wulfila Gronenberg Goggy Davidowitz	Emilie Snell-Rood

17 10:15 659 **Generalization and odor learning by honeybees** Geraldine Wright
 Authors Geraldine Wright

SESSION NO. 3

Symposium Reference No. **6.016** **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. **6.035** **Selected Contributions 6F** Room No: MR 11CD
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
18	11:00	899	Dynamics and impact of chemical defence expression in a plant-aphid-coccinellid interaction Authors Stephen Malcolm John Couture Brett Blaauw	Stephen Malcolm
19	11:15	988	Communal roosting: An investigation of eusociality in Cicindellidae Authors Vinay K. Bhargava Virendra P. Uniyal Manish Bhardwaj	Vinay K. Bhargava
20	11:30	1336	Affects of abiotic factors on populations of Brevicoryne brassicae L. on canola crops in the Varamin region (Iran) Authors Ali Akbar Keyhanian Mohamad Vali Taghaddosi	Ali Akbar Keyhanian
21	11:45	1512	Variation in induced plant responses and parasitoid foraging behaviour Authors Tibor Bukovinszky Erik Poelman Georgios Prekatsakis	Tibor Bukovinszky
22	12:00	1540	Does asymmetric specialization differ between mutualistic and trophic networks? Authors Colin Fontaine Elisa Thebault	Colin Fontaine
23	12:15	1675	Local gradients in stoichiometry and trophic level of an omnivorous ant Authors Terrence McGlynn	Terrence McGlynn

Symposium Reference No. **6.036** **Selected Contributions 6G** Room No: MR 22G
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
24	11:00	413	Diapause termination in overwintering larvae of the peach twig borer Anarsia lineatella (Lepidoptera: Gelechiidae) Authors Petros T. Damos Matilda Savopoulou-Soultani	Petros T. Damos
25	11:15	745	The ecology and acoustic biology of the duetting bushcricket Leptophyes punctatissima Authors Patricia Ash Marion Hall David Robinson	David Robinson
26	11:30	1321	Status of occurrence and monitoring of ambrosia beetles with alcohol bait traps in Korean apple orchards Authors Kyung-Hee Choi Soon-Won Lee Dong-Hyuk Lee	Kyung-Hee Choi
27	11:45	1705	Effect of intraspecific larval competition on the mating strategies of Callosobruchus maculatus (Coleoptera: Bruchidae). Authors Daynika Schade Steven Vamosi	Daynika Schade
28	12:00	1759	Diapause dynamics, cold hardness, and adaptation of Asian corn borer Authors Kanglai He Dunsong Li Zhenying Wang	Kanglai He
29	12:15	1785	Ecological correlates of non-indigenous parasitoid assemblages associated with the Hawaiian endemic moth Udea stellata (Lepidoptera: Crambidae) Authors Leyla Kaufman Mark Wright	Leyla Kaufman

Symposium Reference No. **6.09** **Ecology, evolution and application of learning in insects** Room No: Hall 2BH
 Symposium Organisers: Louise Vet (The Netherlands) & Brian Smith (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
30	11:00	932	Visual learning of a landmark sequence in wood ants, Formica rufa Authors Natalie Hempel de Ibarra Olena Riabinina Thomas S. Collett	Natalie Hempel de Ibarra
31	11:15	1191	Cognitive processes involved in decision making by honey bees: applications for agriculture Authors Sharoni Shafir	Sharoni Shafir
32	11:30	3466	Parasitoid learning and sensory orientation. Implications for biological pest control and their use as biosensors. Authors Felix L. Wäckers Dawn M. Olson Torsten Meiners	Felix L. Wäckers

SESSION NO. 5

Symposium Reference No. **6.023** **Closing Ceremony** Room No: Hall 1AB
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	Closing Ceremony Authors	Closing Ceremony

27 June 2008