

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

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

**10 July 2008**SESSION NO. **2**

Symposium Reference No.	<b>17.01</b>	<b>Multitrophic-level interactions under climate change</b>	Room No:	Hall 4B
Symposium Organisers:	Teja Tschardtke (Germany) & Jason Tylianakis (New Zealand)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	600	<b>Multitrophic level interactions in changing landscapes</b> Authors Teja Tschardtke	Teja Tschardtke
2	09:30	3010	<b>Community responses to multiple global change drivers</b> Authors Jason Tylianakis	Jason Tylianakis
3	09:45	1506	<b>Plant-animal mutualistic networks: The architecture of biodiversity</b> Authors Jordi Bascompte	Jordi Bascompte
4	10:00	72	<b>Changing landscapes, predator subsidies, and altered biodiversity at higher trophic levels: Consequences for plant-herbivore interactions</b> Authors Robert Denno Deborah Finke Danny Lewis	Deborah Finke
5	10:15	767	<b>Above-belowground interactions, global warming, and biological invasions</b> Authors Wim Van der Putten	Wim Van der Putten

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>17.01</b>	<b>Multitrophic-level interactions under climate change</b>	Room No:	Hall 4B
Symposium Organisers:	Teja Tschardtke (Germany) & Jason Tylianakis (New Zealand)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1718	<b>Will climate change alter the relationship between predator biodiversity and herbivore suppression?</b> Authors William Snyder	William Snyder
7	11:15	921	<b>Can we conserve Mitchell's satyr butterfly in the face of invasive species and global climate change?</b> Authors Douglas Landis Christopher Hamm Anna Fiedler	Douglas Landis
8	11:30	1077	<b>Stoichiometric constraints within and across trophic levels</b> Authors Pedro Barbosa Astrid Caldas Eric Lind	Pedro Barbosa
9	11:45	491	<b>Interactions between generalist and specialist herbivores and their endoparasitoids on the invasive weed, <i>Bunias orientalis</i></b> Authors Jeffrey A. Harvey Rieta Gols Michael Reichelt	Jeffrey A. Harvey
10	12:00	2070	<b>Climate change and biological control: A multitrophic perspective</b> Authors Nick Mills	Nick Mills
11	12:15	1775	<b>Plant-pollinator interactions in changing landscapes</b> Authors Neal Williams Elizabeth Crone Rachael Winfree	Neal Williams

SESSION NO. **5**

Symposium Reference No.	<b>17.024</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>17.05</b>	<b>Ecological and evolutionary consequences of insect plant interactions: a genes to ecosystems approach</b>	Room No:	Hall 4B
Symposium Organisers:	Joe Bailey (USA) & Jennifer Schweitzer (USA)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
12	14:00	635	<b>Community and ecosystem consequences of plant genetic differentiation along an elevational gradient</b> Authors Joe Bailey Jennifer Schweitzer	Joe Bailey

13	14:30	762	<b>Plant genotype and herbivory alter ecosystem processes: Extended, evolutionary implications for species genetic interactions</b> Authors Jen Schweitzer Joe Bailey Steve Hart	Jen Schweitzer
14	14:45	2208	<b>Genetic based multi-species herbivore interactions in a eucalypt system</b> Authors Julianne O'Reilly-Wapstra Matthew Hamilton Brad Potts	Julianne O'Reilly-Wapstra
15	15:00	1343	<b>How does herbivore-induced plant regrowth govern geographic and genetic variation in a feeding preference of a leaf beetle?</b> Authors Shunsuke Utsumi Yoshino Ando Takayuki Ohgushi	Shunsuke Utsumi
16	15:15	3169	<b>Plant litter-detrivore interactions: links between the green and the brown part of ecosystems?</b> Authors Stephan Hattenschwiler	Stephan Hattenschwiler

SESSION NO. 7

Symposium Reference No. **17.018** **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. **17.05** **Ecological and evolutionary consequences of insect plant interactions: a genes to ecosystems approach** Room No: Hall 4B  
Symposium Organisers: Joe Bailey (USA) & Jennifer Schweitzer (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
17	16:00	1272	<b>Metabolite Profiling for Genotypic Discrimination of Aspen Clones and Determination of Herbivore Resistance</b> Authors Benedicte R. Albrechtsen	Benedicte R. Albrechtsen
18	16:15	1846	<b>A geographic mosaic of selection in a generalized plant-pollinator-herbivore system</b> Authors Jose M Gomez Francisco Perfectti Jordi Bosch	Jose M Gomez
19	16:30	1214	<b>Coevolution and the adaptive value of autumn tree colours: colour preference and growth rates of a southern beech aphid</b> Authors Claudio Ramirez Blas Lavandero Marco Archetti	Claudio Ramirez
20	16:45	3202	<b>Diamondback moth choice in glucosinolate-containing plants, hosts and non-hosts</b> Authors Francisco Badenes-Perez Michael Reichelt David Heckel	Francisco Badenes-Perez
21	17:00	809	<b>The epicuticular waxes as a plant defence barrier towards grain aphid</b> Authors Agnieszka Wojcicka Bogumil Leszczynski Roman Warzecha	Bogumil Leszczynski
22	17:15	3407	<b>Exploitation of wild relatives of crops as source of novel genes for resistance to insect pests</b> Authors Hari Sharma Venkateswaran Kamala Stevenson Clement	Hari Sharma

26 June 2008