

SECTION 4**Forest Entomology**

CONVENORS: Andrew Liebhold (USA), Michael J. Wingfield (RSA) and Dan Robison (USA)

07 July 2008

SESSION NO. 2

Symposium Reference No. **4.01** **Forest entomology in the era of genomics and post-genomics** Room No: MR 11E
 Symposium Organisers: Daniel Doucet (Canada) & Qili Feng (China)

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	2078	Interaction between baculoviruses and midgut cells Authors Basil Arif Jeffrey Slack	Basil Arif
2	09:30	3285	Genomic approaches in forest entomology – implications for insect ecology and pest control Authors Jenny Cory	Jenny Cory
3	09:45	2248	An EST database for the lepidopteran forest insect, Choristoneura fumiferana Authors Lan Li Tim Ladd Sichun Zheng	Qili Feng
4	10:00	3158	A microarray platform for genome-wide expression studies in the spruce budworm, Choristoneura fumiferana Authors Dayu Zhang Susan Bowman Qili Feng	Daniel Doucet
5	10:15	1274	Characterization of a protein kinase C from Choristoneura fumiferana which may related to Steroid hormone-dependent gene expression Authors Guo-Xing Quan Daniel Doucet Tim ladd	Guo-Xing Quan

SESSION NO. 3

Symposium Reference No. **4.07** **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. **4.01** **Forest entomology in the era of genomics and post-genomics** Room No: MR 11E
 Symposium Organisers: Daniel Doucet (Canada) & Qili Feng (China)

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1666	Molecular targets for bark beetle pest management Authors Claus Tittiger Gary Blomquist Christopher Keeling	Claus Tittiger
7	11:15	3266	Analysis of the mechanism of resistance against Methoxyfenozide in a midgut cell line from the spruce budworm, Choristoneura fumiferana Authors Guy Smagghe Hadi Mosallanejad Thomas Soin	Guy Smagghe
8	11:30	761	Gall midges (Diptera: Cecidomyiidae) in the forest-tree fauna of Turkey Authors Sabri Ünal Cihan Cilbircioglu	Sabri Ünal

SESSION NO. 5

Symposium Reference No. **4.018** **Lunch Break & Posters** Room No: Hall 3ABC
 Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:00	0	Lunch Break & Posters Authors	Lunch Break & Posters

SESSION NO. 6

Symposium Reference No. **4.08** **Impacts of insects on forest landscapes: implications for forest health management** Room No: MR 11E
 Symposium Organisers: Fred Stephen (USA) & Robert Coulson (USA)

Order	Start	Abstract No.	Presentation Title	Presenting Author
9	14:00	2197	Red oak borer: History and population dynamics in Arkansas forests Authors Fred M. Stephen Melissa K. Fierke Laurel J. Haavik	Fred M. Stephen
10	14:30	799	Population dynamics of the southern pine beetle in relation to applied silviculture Authors Robert Coulson Andrew Birt Maria Tchakerian	Robert Coulson
11	14:45	1071	Climate change, forest disturbance and feedbacks: the mountain pine beetle in western North America Authors Allan Carroll Werner Kurz Caren Dymond	Allan Carroll

12	15:00	2044	Impacts of thinning ponderosa pine forests on pine bark beetles: Implications for mitigating climate change.	Monica Gaylord
			Authors Monica Gaylord Richard Hofstetter Sky Stephens	
13	15:15	298	Advances in the semiochemistry of cerambycid beetles	Jocelyn G. Millar
			Authors Jocelyn G. Millar Lawrence M. Hanks Emerson S. Lacey	
SESSION NO.		7		
Symposium Reference No.		4.014	Tea Break	Room No: Hall 3ABC
Symposium Organisers:				
Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	Tea Break	Tea Break
			Authors	
SESSION NO.		8		
Symposium Reference No.		4.08	Impacts of insects on forest landscapes: implications for forest health management	Room No: MR 11E
Symposium Organisers: Fred Stephen (USA) & Robert Coulson (USA)				
Order	Start	Abstract No.	Presentation Title	Presenting Author
14	16:00	866	Effects of spruce budworm (<i>Choristoneura fumiferana</i>) outbreaks on fire hazard in central Canada's boreal forest landscapes	Richard Fleming
			Authors Richard Fleming Jean-Noel Candau	
15	16:15	1060	Regional effects of exotic forest pests in eastern North America	Andrew Liebhold
			Authors Andrew Liebhold Randall Morin Kurt Gottschalk	
16	16:30	3204	The emerald ash borer invasion of North America: how can a secondary pest threaten the existence of an entire tree genus?	Daniel Herms
			Authors Daniel Herms	
17	16:45	2117	Impact of invasive insect pests on eastern hemlock in the southern Appalachians, USA: Novel approaches to evaluating biological control agents for forest health management	Jerome Grant
			Authors Jerome Grant Paris Lambdin Gregory Wiggins	
18	17:00	1101	Reducing the chemical footprint when managing chrysomelid leaf beetles in eucalypt plantations: lethal trap trees	Jane Elek
			Authors Jane Elek Geoff Allen	
19	17:15	2200	Effects of light intensity on pine engraver reproduction in ponderosa pine slash in northern Arizona	Tom DeGomez
			Authors Christopher Hayes Richard Hofstetter Tom DeGomez	

26 June 2008