

IUFRO RECENT ADVANCES IN
FOREST ENTOMOLOGY
SOUTH AFRICA 2008



IUFRO Working Group 7.3.00

Recent Advances in Forest Entomology

1 – 6 July 2008

Pretoria to Durban, South Africa

Programme: Tuesday 1 July

ARRIVAL and REGISTRATION – All day

Welcome	
18.00-18.15	Welcome <i>Mike Wingfield (FABI)</i>
18.15-18.00	IUFRO <i>Andrew Liebhold (USDA)</i>
18:30-19:00	Forests and Forestry in South Africa <i>Jolanda Roux</i>

Programme: Wednesday 2 July

Keynote	
08.00-08.30	Recent Advances in Forest Entomology: An international perspective <i>Andrew Liebhold (USDA)</i>
Session 1	
08.30-08.50	“The role of phytopathogenicity in bark beetle-fungus symbioses: a challenge to the classic paradigm” Diana L. Six
08.50-09.10	“Ophiostomatoid fungi associated with bark beetles on <i>Picea abies</i> and <i>Pinus sylvestris</i> in Hungary” Ferenc Lakatos, Ilona Szabó and Thomas Kirisits
09.10-09.30	“Multi-locus identification, phylogeography, and distribution of mountain pine beetle associated fungi” A. Roe, A. Rice, S. Bromilow, J. Cooke and F. Sperling
09.30-09.50	“Causes and consequences of variation in the growth rates of blue stain fungi (<i>Ophiostoma minus</i>) associated with the southern pine beetle (<i>Dendroctonus frontalis</i>)” Stephen J. Taerum, Kier D. Klepzig, Diana L. Six, Richard W. Hofstetter and Matthew P. Ayres
09.50-10.10	“A quest for finding bacteria that regulate southern pine beetle associated fungi” Cetin Yuceer, Joshua Adams, Nursen Binbuga, Chuan-Yu Hsu, Olga Pechanova, Shien Lu, Frank Austin, and Kier D. Klepzig
10.10-10.40	TEA BREAK
Session 2	
10.40-11.00	“How a tree responds to an uninvited diner” Spence J and Volney J
11.00-11.20	“Oviposition preference and larval performance of <i>Cameraria ohridella</i> (Lep.: Gracillariidae) on <i>Acer pseudoplatanus</i> (Sapindaceae)” Christelle Péré, Ted Turlings and Marc Kenis
11.20-11.40	“Ecology of the Salticid spider <i>Afraflacilla epiblimoides</i> – implications for conservation of central European low-land forests” Vladimír Hula and Martin Jarab
11.40-12.00	“Epizootiology of a fungal disease of <i>Lymantria dispar</i> ” Ann E. Hajek
12.00-12.20	“Density fluctuations in subarctic forest moths: links with life history traits” Mikhail V. Kozlov, Seppo Koponen, Jari Kouki, Pekka Niemelä and Peter W. Price
12.20-12.40	“Dry matter and elements flows during outbreak of the Siberian Moth – the major pest of taiga forest in Russia” Natalia Kirichenko and Yuri Baranchikov
12.40-14.00	LUNCH
Session 3	
14.00-14.20	“Population dynamics of the southern pine beetle in mesoscale forest landscapes” Robert Coulson, Andrew Birt, Maria Tchakerian, Frederick Stephen and James Guldin
14.20-14.40	“Relationship between monoterpenes, silvicultural treatments, and bark beetles in ponderosa pine in northern Arizona” Monica L, Richard W. Hofstetter and Michael R. Wagner
15.00-15.20	“Relative and Seasonal Abundance of Three Bark Beetle Predators (Coleoptera: Trogositidae, Cleridae) Across an Elevation Gradient in Ponderosa Pine Forests of Arizona” K. K. Williams, J. D. McMillin, T. E. DeGomez and K. M. Clancy
15.20-15.40	“Pheromone-releasing flakes for bark beetle control” N. Gillette, N. Erbilgin, J. N. Webster, C. Mehmel, M. Hansen, L. Pederson, S. R. Mori, G. O. Fiddler, J. D. Stein and D. L. Wood
15.40-16.00	“The trouble with <i>Sirex</i> ” Peter de Groot
16.00-16.20	“Chemotaxis of the pinewood nematode, <i>Bursaphelenchus xylophilus</i> , to volatiles associated with host pine, <i>Pinus massoniana</i> , and its vector <i>Monochamus alternatus</i> ” Lili Zhao and Jianghua Sun
17.00-19.00	TOUR OF FABI LABS AND DRUMMING SESSION
19.00	DINNER AT ABSA CONFERENCE

Programme: Thursday 3 July

Keynote	
08.00-08.30	Forest Entomology in South Africa <i>Mike Wingfield (South Africa)</i>
Session 4	
08.30-08.50	"Dealing with <i>Sirex noctilio</i> in South Africa" Bernard Slippers, Brett Hurley and Mike Wingfield
08.50-09.10	"Native pests attacking non-native plantation trees in South Africa" Brett Hurley, Bernard Slippers and Mike Wingfield
09.10-09.30	" <i>Thaumastocoris</i> infestations on non native Eucalyptus plantations within the Southern Hemisphere" Ryan Nadel, Bernard Slippers, Mary Scholes, Juan Pedro Bouvet and Mike Wingfield
09.30-09.50	" <i>Leptocybe invasa</i> (Hymenoptera: Eulophidae) in South Africa" Gudrun Dittrich-Schröder, Bernard Slippers, Stefan Naser, Zvi Mendel and Michael J. Wingfield
09.50-10.10	"Isolation of sex pheromones of cossid wood moth (Lepidoptera: Cossidae) pests of eucalypt plantations in Australia and South Africa" SA Lawson, CJ Moore, B Slippers, BP Hurley and MJ Wingfield
10.10-10.40	TEA BREAK
Session 5	
10.40-11.00	" <i>Thaumastocoris peregrinus</i> Carpintero & Dellape, 2005 (Heteroptera: Thaumastocoridae): new pest found in Eucalyptus in Uruguay" Martínez, G
11.00-11.20	"Gum leaf skeletoniser (<i>Uraba lugens</i>): an emerging threat to eucalypts in New Zealand" Lisa A. Berndt
11.20-11.40	"Pest insects associated with acacia and eucalypt plantations in Sumatra, Indonesia" Budi Tjahjono, Abdul Gafur and G.D. Golani
11.40-12.00	"Efficacy of pheromone traps to capture Coleoptera in plantations of poplars (<i>Populus Deltoides</i>)" Maria Juliana Martinez and Rosana Gimenez
12.00-12.20	"Role of plant enemies in the forestry of native versus introduced pines" María J. Lombardero, Patricia Vázquez-Mejuto and Matthew P. Ayres
12.20-12.40	"Winter moth invasion of the northeastern United States" Joe Elkinton
12.40-14.00	LUNCH
Session 6	
14.00-14.20	"Is classical biological control against native forest pests still an option? Marc Kenis
14.20-14.40	"Biological Control of Eucalyptus Snout Beetle (<i>Gonipterus scutellatus</i>) in Eucalyptus Clonal Plantations in Espirito Santo State, Brazil" Carlos F. Wilcken, Nadia Cristina de Oliveira, Robert Cardoso Sartório, Edmilson Bitti Loureiro, Luis Migray, Mário Henrique F.A. Dal Pogetto
15.00-15.20	"Integrated pest management of a key pest of poplars in Argentina" Aldana Moya, Juliana Martinez, Mariana Moya, Sandra Savarese and Rosana Gimenez
15.20-15.40	"Development and transfer of a forest insect pest monitoring system in forest management practice of Siberia and the Russian Far East" Yuri Baranchikov and Nataliya Kirichenko
15.40-16.00	"A review of methods and a proposal for managing and reporting environmental risk of pesticides in forestry management" Jane Elek and Erin Trainer
16.00-16.30	TEA BREAK
Session 7	
16.30-16.50	"A survey of the alien insect species established on trees and shrubs in Europe" Alain Roques
16.50-17.10	"Responses of insect herbivore populations to air pollution: myths and reality (a meta-analysis)" Elena Zvereva
17.10-17.30	"Defoliator dynamics and climate: the spruce aphid in Europe and North America" Keith Day and Neil Kidd
18.00-18.30	CULTURAL ENTERTAINMENT
18.30	DINNER AT ABSA CONFERENCE