

Programme, Hanmer Springs IUFRO D7/8 Working Parties Meeting 10-13 August 2004

Date and Time	#	Authors	Title
7 - 9 August			
Pre-conference field trip / tour			
Saturday 7 Aug.	Pre-conference field trip / tour, Christchurch - Arthurs Pass - Punakaiki (staying at the Punakaiki Rocks Hotel)		
Sunday 8 Aug.	Pre-conference field trip / tour, Punakaiki - St. Arnaud, Nelson Lakes National Park (staying at the Alpine Lodge)		
Monday 9 Aug.	Pre-conference field trip / tour, St. Arnaud - Lewis Pass - Hanmer Springs (arriving at the Heritage Hotel in the afternoon)		
Monday, 9 August			
Welcome reception / icebreaker			
12:30 p.m.	Departure of first shuttle from Christchurch, city centre, The George Hotel (a later service will be arranged if required)		
1:30 p.m.	Departure of first shuttle from Christchurch airport (a later service will be arranged if required)		
3:00 p.m.	Registration desk open (until 7:30 p.m.)		
4:45 p.m.	Powhiri (Maori greeting), followed by Icebreaker (wine and snacks)		
7:30 p.m.	Informal dinner at Heritage Hotel (please book early) or at other restaurant of own choice		
Tuesday, 10 August			
Day 1			
7:30 a.m.	Registration desk open (until 7:30 p.m.)		
8:30 a.m.	Welcome and introduction (Ecki Brockerhoff & Sandy Liebhold), Chair: Ecki Brockerhoff		
8:40 a.m.	1	Richard DUNCAN, Lincoln University, NZ	Keynote (invasive species): Progress in understanding and predicting biological invaders
9:30 a.m.	2	Hervé JACTEL, INRA, France	Keynote (forest diversity & pest dynamics): Ecological basis of the relationship between forest diversity and resistance to pest insects
10:20 a.m.	Tea / coffee break		
Invasive spp., Chair: Sandy Liebhold			
10:40 a.m.	3	H. HIRVONEN	Invasive insect pests in Canada and their threats to forest health
11:00 a.m.	4	R. HAACK, L. BAUER, T. POLAND, H. LIU & D. McCULLOUGH	The emerald ash borer (<i>Agrilus planipennis</i>) in North America: Research and eradication efforts
11:20 a.m.	5	D.M. SUCKLING, J. CHARLES, A. BARRINGTON, A. EL-SAYED, G.M. BURNIP, J. KEAN and D. BAIRD	Tackling painted apple moth, an Australian tussock moth in urban Auckland
11:40 a.m.	6	B. RICHARDSON & M. KIMBERLEY	Benefits from monitoring aerial spraying operations during pest incursion responses
12:00 p.m.	7	P.S. THOMSON	Science, social science and anti-science: Responding to invasive species in urban environments
12:20 p.m.	Lunch		
Invasive spp., gypsy moth, Chair: Gordon Hosking			
1:30 p.m.	8	M. G. ROSS & D. BEJAKOVICH	Response to a gypsy moth incursion within New Zealand
1:50 p.m.	9	A. LIEBHOLD	Modelling gypsy moth invasion pathways
2:10 p.m.	10	D.R. GRAY	Geographically robust phenology models for landscape-wide assessments of risk of establishment
2:30 p.m.	11	J.M. KEAN	Predicting phenology and control of invasive forest pests in New Zealand
2:50 p.m.	Tea / coffee break		
Invasive spp., Chair: Brian Richardson			
3:20 p.m.	12	J.S. STRAZANAC, G.E. SEIDEL & L. BUTLER	Impact of gypsy moth <i>Bacillus thuringiensis kurstaki</i> treatments for gypsy moth on nontarget Appalachian macrolepidopteran communities
3:40 p.m.	13	K. CLANCY, B. GEILS & A. LYNCH	USDA Forest Service research on invasive insects and plant pathogens: Implications for sustaining southwestern U.S. forest ecosystems
4:00 p.m.	14	H.F. EVANS, N.A. STRAW & C.A. TILBURY	Horse chestnut leafminer (<i>Cameraria ohridella</i>) in Europe
4:20 p.m.	15	L. VAN SANTEN, E.R. LANGER & J. GOVEN	Challenges and potentials of integrating science with community perspectives to enable long-term sustainable management of future incursion responses
4:40 p.m.	Session closes		
5:30 p.m.	Ministry of Agriculture and Forestry Wine & Cheese // Poster session (until 7:00 p.m.)		
7:30 p.m.	Informal dinner at Heritage Hotel (please book early) or at other restaurant of own choice		
Poster presentations (poster sessions with authors present are on Tuesday & Thursday 5:30 - 7:00 p.m.)			
		R. Bashford	Monitoring for exotic forest Coleoptera in urban and commercial forest areas
		L. Berndt, E. Brockerhoff & H. Jactel	Effects of understorey diversity in pine plantations on pest Lepidoptera and their natural enemies
		T. DeGomez & M. Wagner	Arthropod colonization of exotic and native trees and shrubs
		Y. Igeta, K. Esaki & N. Kamata	Relative influences of wind and light conditions on the movement of a flying ambrosia beetle <i>Platypus quercivorus</i> (Coleoptera: Platypodidae) at the stand level

Poster presentations (continued) (poster sessions with authors present are on Tuesday & Thursday 5:30 - 7:00 p.m.)		
	P. Kehrlí & S. Bacher	Augmentation of parasitoids by mass-hatching devices: a new biocontrol technique
	D. Kriticos, K. Potter, T. Withers, S. Mansfield, C. Inglis & L. Renney	Spill over feeding on native Myrtaceae by <i>Uraba lugens</i>
	A. Lamb, S. Salom, & L. Kok	Survival, reproduction, and impact of <i>Laricobius nigrinus</i> Fender (Coleoptera: Derodontidae) on the hemlock woolly adelgid, <i>Adelges tsugae</i> , (Annand) (Homoptera: Adelgidae) in field cages
	R. Lavallée, R. Trudel, C. Guertin, S. Todorova, C. Côté & C. Coulombe	Control of the white pine weevil with <i>Beauveria bassiana</i>
	S. Pawson, E. Brockerhoff, R. Didham & D. Norton	Clearfell harvest impacts on biological diversity
	P. Roskams & G. Sánchez	A proposal for harmonization of the assessment of symptoms attributed to forest damaging agents at European scale: the ICP-Forests approach
	G. Sanchez Peña, J. Pajares Alonso, F. Ibeas Millán, G Pérez Escolar, J. Díez Casero, M. Fernández Fernández, P. Martín Pinto, D. Gallego Cambroneró	Early warning, risk areas and vector management of pine wood nematode in Spain
	G. Sanchez Peña, R. Hernández Alonso, V. Pérez Fortea, L. Alarcón Vélez, E. González Rosa	Use of pheromones in integrated control of scolytid bark beetles in natural and reforestation pine stands of the Mediterranean area
	M. Gates & M. Schauff	Emerald ash borer, <i>Agrilus plannipennis</i> (Coleoptera: Buprestidae) in the United States: possibilities for biological control
	J. D. Stein, D. Owen & N. Gillette	Efficacy of aerially applied microencapsulated pheromone for mating disruption of western pineshoot borer, <i>Eucosma sonomana</i>
	D. Teulon & M. Stufkens	Distribution of the Monterey pine aphid in New Zealand
	M. Turcani & N. Kamata	The effect of treatment of bark by gallic and ellagic acids to <i>Platypus quercivorus</i> (Murayama) attack in manipulated two way choice experiments.
	H. Vehviläinen, J. Koricheva, K. Ruohomäki, T. Johansson & S. Valkonen	Effects of tree species diversity on insect herbivory of silver birch in boreal forests
	T. O. Veteli, P. Niemelä & S. Kellomäki	Effect of forest management on the abundance of insect pests on Scots pine (<i>Pinus sylvestris</i>)
Wednesday, 11 Aug. Day 2 - Field trip around Hanmer Springs, conference dinner		
7:30 a.m.	Registration desk open (until 8:30 a.m., again from 5:00 - 7:30 p.m.)	
8:30 a.m.	Departure for field trip (planted forests, wilding conifers)	
12:00 p.m.	Lunch at Hanmer Springs Forest Camp	
1:20 p.m.	Departure for afternoon part of field trip (southern beech, <i>Nothofagus</i> , forest)	
4:30 p.m.	Return to Heritage Hotel, no programme until 7:30 p.m. (suggest hot pools)	
7:30 p.m.	Conference dinner at Heritage Hotel (included with registration)	
about 8:45 p.m.	After dinner speaker / slide show: Paul Mahoney - History of NZ forestry	
Thursday, 12 August Day 3		
8:00 a.m.	Registration desk open (until 7:30 pm)	
	Forest diversity and pest dynamics, Chair: Hugh Evans	
8:40 a.m.	16 J. KORICHEVA & H. VEHVILÄINEN	Effects of tree species diversity on insect herbivory: results from several long-term experiments
9:00 a.m.	17 H. JACTEL, J.P. ROSSI, L. BARBARO, D. PIOU, F. VETILLARD, B. BARTHELEMY & P. MENASSIEU	Landscape diversity reduce processionary moth infestations in pine plantations
9:20 a.m.	18 W.J.A. VOLNEY	Spruce budworm responses to experimental stand structure and biodiversity
9:40 a.m.	19 L. BERNDT, E. BROCKERHOFF & H. JACTEL	Effects of understorey diversity in pine plantations on pest Lepidoptera and their natural enemies
10:00 a.m.	20 K. PRITTINEN, J. PUSENIUS, J. TAHVANAINEN, M. ROUSI, J. HEINONEN & H. ROININEN	Herbivory modifies the genetic structure of birch populations
10:20 a.m.	Tea / coffee break	
	Native and invasive bark beetles, Chair: Robert Haack	
10:40 a.m.	21 R. WERNER	Selection of forest stands by spruce beetles during outbreaks on the Kenai Peninsula, Alaska
11:00 a.m.	22 R. N. COULSON, M. D. TCHAKERIAN, J. YU, S.M. GEORGE, & F. L. OLIVERIA	Impact of the southern pine beetle on wildlife
11:20 a.m.	23 N. GILLETTE, J. SUN, A. COGNATO, N. ERBILGIN, K. RAFFA, R. CAMPOS, J. STEIN, Z. ZHANG, D. OWEN & L. MERRILL	The red turpentine beetle (<i>Dendroctonus valens</i> Le Conte) as an invasive species in China

11:40 a.m.	24	R. BASHFORD	The development of static trap programs for the detection of exotic timber insects in Tasmania, Australia
12:00 p.m.	25	E. BROCKERHOFF, D. JONES, J. BAIN, D. BEJAKOVICH, & T. DONALDSON	Surveillance for invasive wood borers and bark beetles in New Zealand
12:20 p.m.	Lunch		
	Bark beetles, invasive spp. , Chair: Fred Stephen		
1:30 p.m.	26	B. BENTZ	Bark beetle population sampling using pheromone-baited traps: What does a beetle in trap really mean?
1:50 p.m.	27	M. DICK, J. BAIN & L. BULMAN	Stranger in a strange land: Dutch Elm Disease in New Zealand, a review
2:10 p.m.	28	A. ROQUES, M.-A. AUGER-ROZENBERG & S. BOIVIN	Colonization of exotic conifer species by native phytophagous insects depends on their taxonomic isolation
2:30 p.m.	29	S. L. BALL, K. F. ARMSTRONG	Biosecurity in the new millennium: DNA barcoding provides a reliable, rapid and cost effective method of forest pest insect identification
2:50 p.m.	Tea / coffee break		
	Biocontrol and parasitoids , Chair: Hervé Jactel		
3:20 p.m.	30	E. A. CAMERON	North American parasitoids of the Siricidae, and their introduction into Australia and New Zealand in the 1960's
3:40 p.m.	31	P. GOVENDER	A synthesis of supplemental pest management strategies to the classical biocontrol of <i>Gonipterus scutellatus</i> by <i>Anaphes nitens</i> in South Africa
4:00 p.m.	32	K.-H. LAMPE	Specimen-area relationships in diversified host-parasitoid systems
4:20 p.m.	33	A. B. LAMB, S. M. SALOM & L. T. KOK	Status of <i>Laricobius</i> spp. (Coleoptera: Derodontidae) for biological control of the hemlock woolly adelgid (Homoptera: Adelgidae)
4:40 p.m.	Session closes, 10 minutes break until IUFRO Business Meeting		
4:50 p.m.	IUFRO Business Meeting (about 20 minutes)		
5:30 p.m.	Poster session (with drinks provided, until 7:00 p.m.)		
7:30 p.m.	Informal dinner at Heritage Hotel (please book early) or at other restaurant of own choice		
Friday, 13 August	Day 4		
8:00 a.m.	Registration desk open (until 4:00 pm)		
	Invasive spp., pest resistance , Chair: Jan Volney		
8:20 a.m.	34	M.E. DIX, P. DUNN & C. G. SHAW	Invasive species research in the United States Forest Service: Challenges and
8:40 a.m.	35	F.T. CAMPBELL	The role of research in identifying effective pathway management strategies
9:00 a.m.	36	S.D. REAY, T.R. GLARE & T. L. NELSON	The potential of <i>Beauveria</i> spp. for the control of bark and wood boring beetles
9:20 a.m.	37	T. PASANEN, M. ROUSI, H. ROININEN & E. OKSANEN	Variation in abiotic and biotic resistance within birch (<i>Betula pendula</i>) population
9:40 a.m.	38	Y. JIN & J. LI	Resistance of the volatile compounds herbivore-induced by <i>Anoplophora glabripennis</i> from <i>Acer negundo</i>
10:00 a.m.	Tea / coffee break		
	Forest insects / pheromones , Chair: Max Suckling		
10:20 a.m.	39	S. BHATIA	Screening of poplar varieties for relative susceptibility and resistance to the stem borer <i>Apriona cineria</i> Chevrolat (Coleoptera: Cerambycidae) in Jammu forests
10:40 a.m.	40	R. J. DUNGAN, D. KELLY & M. H. TURNBULL	The carbon-costs for host trees of honeydew produced by scale insects (<i>Ultracoelostoma</i> sp.) in a <i>Nothofagus solandri</i> forest
11:00 a.m.	41	N. KAMATA	Recent progress in research on Japanese Oak Wilt in Japan.
11:20 a.m.	42	A.M. EL-SAYED, A.R. GIBB, K. A. MOSS, S. FIELDER, D. COMESKY, B. BUNN, D.M. SUCKLING	First identification of the sex pheromone of an Australian Lymantriidae, <i>Teia anartoides</i> : Diverse pheromone blend with thermo-labile compound
11:40 a.m.	43	A.R. GIBB, D.M. SUCKLING, L.E. JAMIESON, P. DENTENER, G. CLARE, D. SELDON, G.	Identification of the sex pheromone of the Australian gum leaf skeletoniser (<i>Uraba lugens</i>) and its use in delimitation surveys in Auckland, New Zealand.
12:00 p.m.	Lunch		
	Various forest health , Chair: Davor Bejakovich		
1:00 p.m.	44	R. FAVRIN	Challenges of exotic forest pest surveillance
1:20 p.m.	45	M. TURCANI, J. PATOCKA & M. KULFAN	The possible role of food plants in abundance dynamics of some lepidopteran defoliators on oaks in Slovakia
1:40 p.m.	46	H. F. EVANS & S. P. EVANS	Do we understand how pinewood nematode kills trees? Some hypotheses
2:00 p.m.	47	Z. ZHANG, D. LI, G. ZHA, Z. GUO & D. LI	Effect of mason pine landscape pattern on the occurrence and dynamics of mason pine caterpillar (<i>Dendrolimus punctatus</i> Walker)
2:20 p.m.	48	R. LAVALLÉE, Y. MAUFFETTE & N. LEGAULT	Is there a phenological window for phloem feeding insect like the white pine weevil, <i>Pissodes strobi</i> (Peck).
2:40 p.m.	Awards ceremony / Conference wrap-up, followed by tea/coffee		
3:00 p.m.	Conference closes		
4:00 p.m.	Departure of shuttle to Christchurch and Christchurch International Airport		
6:00 p.m.	Arrival of shuttle at Christchurch International Airport, then on to city centre hotels		