



Asian Long-Horned Beetle and Emerald Ash Borer: Management of Invasive Forest Pests - the Greater Toronto Experience

Workshop: Sunday 14 June to Friday 19 June 2015

Study Tour: Saturday 20 June 2015

Faculty of Forestry, University of Toronto
33 Willcocks Street, Toronto, Ontario, Canada

Organisers: Sandy Smith and Ted Wilson

WORKSHOP SPONSORS

Faculty of Forestry, University of Toronto; Forestry Branch, City of Toronto; BioForest Technologies; Invasive Species Centre (ISC); Canadian Food Inspection Agency (CFIA); Ontario Ministry of Natural Resources & Forestry (OMNRF); Canadian Forest Service (CFS); Silviculture Research International; Forest Research (FR, United Kingdom)

WORKSHOP PROGRAMME

Date	Day	Activity	Location
14 June 2015	1800-2000	“Meet and Greet” Evening Gathering and Dinner Meeting Point: 1745: Faculty of Forestry, 33 Willcocks Street (then walk to Cafe), or 1800: Free Times Cafe, 320 College Street	Free Times Cafe 320 College Street, Toronto, ON M5T 1S3
Monday 15 June 2015	0830-1230	(0810-0830 – Coffee and Teas available) Session 1 0830: Introduction and Workshop Overview 0845: Welcome to the Faculty of Forestry Professor Mohini Sain, Dean, Faculty of Forestry 0900-0930: Introduction to Toronto’s Urban Forest, Carol Walker, City of Toronto	Room 4001 Faculty of Forestry 33 Willcocks Street

International Advanced Practitioner Workshop for Forest Health Professionals

Date	Day	Activity	Location
		<p>0930-1100: Asian Long-Horned Beetle (ALHB) – The Greater Toronto Experience</p> <p>Presentations:</p> <ol style="list-style-type: none"> 1. Jean Turgeon (CFS) 2. Mary Orr (CFIA) 3. Ben Gasman (CFIA) 4. Taylor Scarr (OMNRF) 5. Kristjan Vitols (City of Toronto) <p>1100-1200: Group Discussion</p>	
	1200-1730	<p>(Bagged Lunch on the Road)</p> <p><u>Field Tour 1 – Asian Long-Horned Beetle</u></p> <p>Hosts: Mary Orr, CFIA Kristjan Vitols, City of Toronto Jessica McEcheron, City of Mississauga</p> <p>Programme:</p> <p>Site 1. Surveyor Training Site (York University) Site 2. Core Area, Round 1 Infestation Site Site 3. Wildwood Park, Round 2 Site, Mississauga Site 4. Phytosanitation, Disco Transfer Station Site 5. Core Area, Round 2 Infestation Site Tour (Industrial Area around Airport)</p>	City of Toronto and City of Mississauga
		<u>Free Evening</u>	
Tuesday 16 June 2015	0830-1200	<p><u>Session 2</u></p> <p>0830-1030: Emerald Ash Borer (EAB) – The Greater Toronto Experience</p> <p>Presentations:</p> <ol style="list-style-type: none"> 1. Julie Holmes (CFIA) 2. Krista Ryall (CFS) 3. Taylor Scarr (OMNRF) 4. Joe Meating (BioForest) 5. Kristjan Vitols (City of Toronto) 6. John McNeil (Town of Oakville) <p>1030-1200: Facilitated Group Discussion</p>	Room 4001 Faculty of Forestry
	1200-1800	<p>(Bagged Lunch on the Road)</p> <p><u>Field Tour 2 - Emerald Ash Borer (Part 1)</u></p> <p>Hosts: John McNeil and Team, Town of Oakville</p>	Oakville, Ontario

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Date	Day	Activity	Location
		<p>Programme:</p> <p>Town Hall. Reception with Mayor of Oakville</p> <p>Site 1. Golden Meadow Trail – Early Science and Implementation of EAB Plan</p> <p>Site 2. Aspen Forest Park – Canopy Conservation</p> <p>Site 3. Barclay Crescent – Current Strategy</p> <p>Site 4 – ISW – Woodlots: A Decade of EAB</p>	
	1930-2300	<p>Workshop Networking Dinner</p> <p>Programme:</p> <ul style="list-style-type: none"> • Meet at Faculty of Forestry - 1930 • Streetcar ride to CN Tower • Tour of the CN Tower – Sunset Views over Toronto’s Green Canopy • Dinner • Streetcar ride back to University Campus 	CN Tower
Wednesday 17 June 2015	0900-1230	<p>Session 3</p> <p>ALHB and EAB – International Perspectives and Knowledge Sharing</p> <p>Presentations:</p> <ol style="list-style-type: none"> 1. Nigel Straw – ALHB in the UK: 2012 Outbreak (Forest Research) 2. Hans Peter Ravn - Spatial spread and infestation risk assessment in the Asian long-horned beetle (University of Copenhagen) 3. Dominic Eyre – Pathways for movement of forest pests (Defra, UK) 4. Dan Herms – EAB – ecological impacts, resistance and control (Ohio State University) 5. Leah Bauer – EAB and ALHB – bio-control studies (USDA Forest Service) 6. Bob Haack – ALHB – science, policy, practice – (USDA Forest Service) 7. Nigel Straw – EAB and hardwood import regulation in Europe (Forest Research) 8. Discussion 	Room 4001 Faculty of Forestry
	1230-1730	<p>(Bagged Lunch on the Road)</p> <p>Field Tour 3 - Emerald Ash Borer (Part 2)</p> <p>Hosts: Kristjan Vitols and Colleagues, City of Toronto</p>	Scarborough Area, City of Toronto

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Date	Day	Activity	Location
		<p>Programme:</p> <p>Site 1. The Guild Inn and Gardens Park</p> <p>Site 2. Walk Tour to see Damage around Homes and Schools</p> <p>Site 3. Galloway Park – Tree removals, impact and reforestation</p>	
		<p>Free Evening</p>	
<p>Thursday 18 June 2015</p>	<p>0830-1230</p>	<p><u>Session 4</u></p> <p>Invasive Forest Pests – Case Studies for Management, Outreach and Education</p> <p>Presentations:</p> <ol style="list-style-type: none"> 1. Dilhari Fernando – Role of the Invasive Species Centre (ISC) 2. Philip van Wassenaeer – Urban Forest Management Plans and Invasive Species (Urban Forest Innovations) 3. Stacey Bowman – Invasive Species in Regional Forests (York Regional Forests) 4. Peter Wynnchuk – A Municipal Perspective on EAB Management (Ontario Urban Forests Council) 5. Andrew Pitek – Outreach and Education in Public Forests under Invasion (Forests Ontario) 6. Dominic Eyre – Citizen Science and Public Engagement with Forest Health in the UK (Defra) 7. Dan McKenney – Web Tools and Citizen Science for Canada’s Forests (CFS) 8. Melissa Williams – Training the Trainers: Public Engagement in EAB Monitoring (LEAF) 9. Joe Meating – Community Engagement in Forest Health Monitoring (BioForest) 10. Kristjan Vitols – Case study: Gypsy moth in Toronto (City of Toronto) 11. Discussion 	<p>Room 4001 Faculty of Forestry</p>
	<p>1300-1700</p>	<p><u>Field Tour 4</u></p> <p>Enhancing the Resilience of Toronto’s Urban Forest – High Park and Vicinity</p> <p><u>Hosts:</u> Kristjan Vitols, Jennifer Gibb, Joseph Ric, City of Toronto</p>	<p>High Park and Vicinity, Toronto</p>

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Date	Day	Activity	Location
	1930-	Informal Gathering at Local Pub/Venue Meet at Faculty of Forestry - 1930 <u>Venue:</u> TBC	Downtown, Toronto
Friday 19 June 2015	0830-1200	<u>Session 5</u> Forum for International Partnerships, Collaboration and Research Networks Session Chair: Dana Collins Executive Director, Canadian Institute of Forestry Presentations: <ol style="list-style-type: none"> 1. Praveen Saxena – Plant preservation and forest resilience: opportunities for international collaboration and research (Gosling Research Institute for Plant Preservation, University of Guelph). 2. Eric Davies – Global Species Pools & Biogeographical Experiments (Faculty of Forestry, University of Toronto) Facilitated Group Discussion Closing Points: Actions and Going Forward	Room 4001 Faculty of Forestry
	1200-1400	Closing Lunch	The Faculty Club 41 Willcocks Street
Saturday 20 June 2015	0730-1800	<u>WORKSHOP STUDY TOUR</u> Biodiversity Conservation and Management in the Carolinian Hardwood Forest Region Meet 0730 at Faculty of Forestry Site 1 - Turkey Point Variable Density Thinning Study (Multi-disciplinary Research Site) Site 2 - Saint Williams Forest Nursery Site 3 - Backus Woods (Carolinian Forest) Site 4 - Landon Tract (Experimental Site) <u>Hosts:</u> Ken Elliott (OMNRF) and Mary Gartshore	Drive from Toronto to Norfolk County, Ontario