



APHIDOPHAGA - Schedule

MONDAY 16	TUESDAY 17	WEDNESDAY 18	THURSDAY 19	FRIDAY 20
9:00 - Registration	8:30 - Plenary 2 9:30 - Session: <i>Aphid control</i>	8:00 – Departure EXCURSION (Laurentians, Oka) Visit of Oka Abbey	8:30 - Plenary 4 9:30 - Session: <i>Biology of Aphidophages</i>	8:30 - Plenary 6 9:30 - Session: <i>Trophic Interactions</i>
	9:50 - COFFEE BREAK		9:50 - COFFEE BREAK	9:50 - COFFEE BREAK
10:45 - Opening remarks 11:10 - Plenary 1 11:40 - Session: <i>Taxonomy of Aphidophages</i>	10:20 - Session: <i>Aphid control</i> (continued)		10:20 - Session: <i>Biology of Aphidophages</i> (continued)	10:20 - Session: <i>Trophic Interactions</i> (continued) 12:00 - END of the meeting
Lunch	Lunch	Lunch	Lunch	Lunch
13:30 - Session: <i>Non-target effects on Aphidophages</i>	13:30 Plenary 3 14:30 Session: <i>Spatiotemporal context & Aphidophages</i>	EXCURSION (Lac des Sables)	13:30 - Plenary 5 14:30 Session: <i>Invasive Aphidophages</i>	
14:50 - COFFEE BREAK	15:10 - COFFEE BREAK		15:10 - COFFEE BREAK	
15:20 - Session: <i>Non-target effects on Aphidophages</i> (continued) 16:00 - End	15:40 - Session: <i>Spatiotemporal context & Aphidophages</i> (continued)	Group Photo	15:40 - Session: <i>Invasive Aphidophages</i> (continued) 17:00 - End	
17:00 - Welcome COCKTAIL (Botanical Garden)	17:00 - POSTER Session + Cocktail 18:30 - End	17:30 - Back to Montreal		
19:00 - “Gardens of light” at Botanical Garden			18:30 - Cocktail reception 19:00 - BANQUET (Old Montreal)	

Short PROGRAM

MONDAY 16

9:00 – Registration

10:45 – Opening remarks

11:10 – Plenary conference #1 – **Challenges of IPM and biological control in urban environments**

Barrette, Maryse

Session: Taxonomy of Aphidophages

11:40 – **Aphidiinae (Hymenoptera: Braconidae) parasitoids of the Middle East and North Africa: host range pattern, distribution and taxonomy**

Rakhshani, Ehsan, Barahoei, Hossein, Ahmad, Zubair, Starý, Petr, Ghafouri-Moghaddam, Mostafa, Mehrparvar, Mohsen, Kavallieratos, G. Nickolas*, Čkrkić, Jelisaveta and Tomanović, Željko

12:00 – Lunch break

Session: Non-target effects on Aphidophages

MODERATOR: Buitenhuis, Rose

13:30 – **Impact of vibration-based pest control on parasitoids**

Parent, Jean-Philippe* and Abram, Paul K

13:50 – **Impact of agronomic Photoselective Net (PSN) on Coccinellid predation.**

Yáñez-Díaz, María Jose*, Musleh, Selim, Silva, Gonzalo, Rodríguez, Marcela and Lucas, Éric

14:10 – **Side effect of cucumber beetle massive trapping on aphidophagous predators**

Fournier, Marc*, Chapdelaine, Daniel, Cousseau, Camille and Lucas Éric

14:30 – **Stability of the resistance to lambda-cyhalothrin in the neotropical ladybug *Eriopis connexa* (Coleoptera: Coccinellidae)**

Rodrigues, Alice S and Torres, Jorge B*

14:50 – Coffee break

15:20 – **When an insecticide affects the adaptive value of intraguild predation by an invader**

Cabrera, Paula*, Bessette, Marianne, Cruz, Vanessa, Cormier, Daniel and Lucas, Éric

15:40 – **Effect of a reduced risk insecticide on a native and indigenous ladybeetle in Quebec apple orchard**

De Donder Alice*, Rodríguez García, Marcela A., Cormier, Daniel and Lucas, Éric

17:00 – Welcome reception (IRBV-Botanical garden)

TUESDAY 17

Session: Aphid control

MODERATOR: Brodeur, Jacques

8:30 – Plenary conference #2 - **Systems approach to aphid IPM in greenhouse horticulture: how research is translated into production practices**

Buitenhuis, Rose

9:30 – **Parasitization of sugarcane aphid, *Melanaphis sacchari*, by commercially available parasitoids**

Mercer, Nathan H. *, Bessin, Ricardo T. and Obrycki, John J.

9:50 – *Coffee break*

10:20 – **Aphid parasitism in winter crops of the US Southern Plains**

Giles, Kristopher* and Norman, Elliott

10:40 – **Enhancing the biological control of aphids on plum orchards, using intercropping**

Lavandero, Blas*, Montealgre, Xiomara, Alvarez- Baca, Jeniffer K., Le Lann, Cécile, Van Baaren, Joan and Zepeda-Paulo, Francisca

11:00 – **Combining irrigation, fertilisation and pruning techniques to help control aphid populations in apple (*Malus domestica*) and peach (*Prunus persica*) orchards**

Jordan, Marie-Odile *, Drevet, Aurore, Vercambre, Gille and Hucbourg, Bruno

11:20 – **Seasonal population abundance of natural enemies attacking wheat aphids**

Perven, Misba,; Shaheen, Fouzia, Bushra, Nawaz, Mateen and Ali, Abid*

11:40 – **Interaction of *Aphis ruborum* and its natural enemies on strawberry in southeastern USA**

Riddick, Eric W. *, Miller, Gary L., Owen, Christopher L., Bauchan, Gary R., Schmidt, Jason M., Garipey, Tara, Brown, Richard L. and Grodowitz, Michael J.

12:00 – *Lunch break*

Session: Spatiotemporal context & Aphidophages

MODERATOR: Michaud, JP

13:30 – Plenary conference #3 - **Beyond borders: landscape effects on coccinellid abundance, composition and function**
Grez, Audrey* and Zaviezo, Tania

14:30 – **Influence of spatial and temporal scales on the potential of biocontrol service of crop pests by their natural enemies through the analysis of activity-density and species richness**

Van Baaren, Joan*, Couthouis, Eloïse, Barascou, Lena, Pétilon, Julien, Le Roux, Vincent, Marrec, Ronan, Hecq, Florence and Hance, Thierry

14:50 – **Predation pressure and habitat complexity alter indirect interactions between two aphid species.**

Emery, Sara and Mills, Nicholas J.*

15:10 – Coffee break

15:40 – **Distribution data unveils niche segregation among aphidophagous *Scymnus* species in the Azores (Portugal)**

Borges, Isabel* and Soares, António O.

16:00 – **Interactions between soybean aphids and their natural enemies**

Costamagna, Alejandro C.* and Almdal, Crystal

16:20 – **Seasonal and diurnal patterns of predation in colonies of a native aphid**

MacKay, Patricia A.* and Lamb, Robert J.

17:00-18:30 – **Poster session and cocktail**

WEDNESDAY 18

8:00 to 17:30 – Excursion (The Laurentians)

THURSDAY 19

MODERATOR: Costamagna, Alejandro C.

8:30 – Plenary conference #4 - **Pesticide use and the origin of crop pests: theory and a test with pests of California crops**

Rosenheim, Jay A. *, Cass, Bodil N., Kahl, Hanna, Steinmann, Kimberly P. and Pearse, Ian

Session: Biology of Aphidophages

9:30 – **A host-density-dependent decline in lifespan and estimation of the age of an aphid parasitoid in the field**

Miksaneck, James Rudolph*, Heimpel, George E.

9:50 – *Coffee break*

10:20 – **Egg-laying decisions by ladybeetles exposed to variable aphid densities**

Tilmon, Kelley*

10:40 – **Voracity, functional response and prey preference of *Nabis americanoferus* feeding on tarnished plant bugs and aphids**

Solà, Mireia*, Dumont, François, Provost, Caroline and Lucas, Éric

11:00 – **Responses of the aphid parasitoids *Praon volucre* and *Aphidius ervi* to low and fluctuating temperatures**

Rowley, Charlotte, Klassen, Danielle, Pope, Tom. W., Fountain, Michelle and Powell, Glen*

11:20 – **Predation functional response of *Aphidoletes aphidimyza* (Rondani) to *Rhopalosiphum padi* (Linnaeus) at different temperatures**

Fang, Mei-juan, He, Xiao-qing, Liu, Dong, Song, Kai, Zhao, Ying and Wang, Yu-bo*

11:40 – **Testing for Fecundity Compensation in Parasitized Sugarcane Aphids**

Wright, Crys*, Zhu-Salzman, Keyan and Medina, Raul F.

12:00 – *Lunch break*

Session: Invasive Aphidophages

MODERATOR: Giles, Kristopher

13:30 – Plenary conference #5 - **How outbreaks of invasive aphids effect permanent change in arthropod communities**

Michaud, J.P.

14:30 – **Comparison of predator-prey interactions between native and non-native lady beetles: similarities in predation rates but differences in cue recognition between European and North American populations**

Ünlü, Ayse Gül *, Bertleff, Denise Diekmann, Jette, Brand, Sophia, Obrycki, John J. and Bucher, Roman

14:50 – **Interactions between exotic and native lady beetle species stabilize community abundance**

Lamb,* Robert J., Bannerman, Jordan A. and Costamagna, Alejandro C.

15:10 – *Coffee break*

15:40 – **Role of native and exotic aphidophagous coccinellids in modulating the functional diversity of their communities in alfalfa fields**

Grez, Audrey A. and Zaviezo, Tania*

16:00 – **Fluctuation of native ladybeetle body size following establishment of *Harmonia axyridis* (Coleoptera: Coccinellidae) in Catalonia (Spain).**

Lafrenaye Audrey*, Papineau, Jean-Philippe, Dumont, François, Pons, Xavier and Lucas Éric

16:20 – **Ingestion efficiency under constant and variable thermal regimes: *Harmonia axyridis* feeding on *Acyrtosiphon pisum*.**

Orellana, Maria* and Bozinovic, Francisco

16:40 - **The European ladybird App: a new tool for Citizen Science**

Skuhrovec, Jiri*, Roy, Helen E., Kazlauskis, Karolis, Inghilesi, Alberto F., Soares, Antonio O., Adriens, Tim, Vigišová, Sandra, Honěk, Alois and Martinková, Zdenka

18:30 – **Cocktail reception (Old Montreal)**

19:00 – **Banquet (Old Montreal)**

FRIDAY 20

Session: Trophic Interactions

MODERATOR: Heimpel, George E.

8:30 – Plenary conference #6 - **Aphid biological control as a conservation science.**

Heimpel, George E.

9:30 – **Ladybirds' larvae feed conspecific eggs than alien ones in prey-scarcity: Intraguild Predation versus Cannibalism**

Pervez, Ahmad

9:50 – *Coffee break*

10:20 – **Community of aphidophagous in commercial crops of *Capsicum* spp. and reconstruction of its trophic network through molecular gut content analysis.**

Duque-Gamboa, Diana N. *, Posso-Terranova, Andres and Toro-Perea, Nelson

10:40 – **Coercive mating in ladybird, *Propylea dissecta* (Mulsant): male mating behaviour and reproductive output**

Singh, Priya, Mishra, Geetanjali* and Omkar

11:00 – **Intraguild predation between two lady beetle predators of pistachio psyllid: A test of its sensitivity to identity and density of extraguild prey**

Ranjbar, Fateme , Michaud, J.P., Jalali, Amin and Ziaaddini, Mahdi

11:20 – **Short and long term parasitoid-mediated indirect interactions between unsuitable and suitable hosts.**

Monticelli, Lucie S. *, Desneux, Nicolas and Heimpel, George E.

11:40 – **Parental diets affect selective intraguild predation of ladybirds' eggs**

Pervez, Ahmad

12:00 – End of the meeting

12:10 – *Lunch break*