

**SECTION 16****Invasive Species**

CONVENORS: Helen Roy (UK), Marc Kenis (Switzerland) and Julie Coetzee (RSA)

**07 July 2008**SESSION NO. **2**

Symposium Reference No.	<b>16.01</b>	<b>Environmental benefits and risks of biological control</b>	Room No:	Hall 4A
Symposium Organisers:	Franz Bigler (Switzerland) & Joop van Lenteren (The Netherlands)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
1	09:00	53	<b>To free or not to free: the New Zealand experience</b> Authors Libby Harrison Rachel Helson Barbara I.P. Barratt	Libby Harrison
2	09:30	895	<b>How to select a limited number of non-target species for host specificity testing?</b> Authors Peter Mason Ulrich Kuhlmann	Peter Mason
3	09:45	87	<b>Newest quick scan and comprehensive evaluation methods of environmental risks for exotic natural enemies</b> Authors Joop C. van Lenteren Antoon J.M. Loomans	Antoon J.M. Loomans
4	10:00	3488	<b>How did the Netherlands handle the risk evaluation of 150 natural enemies in a few months time?</b> Authors Antoon J.M. Loomans	Antoon J.M. Loomans
5	10:15	94	<b>Post-release evaluation of risks of a biocontrol agent: a New Zealand case study</b> Authors Barbara Barratt John Kean	Barbara Barratt

SESSION NO. **3**

Symposium Reference No.	<b>16.011</b>	<b>Tea Break</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	10:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. **4**

Symposium Reference No.	<b>16.01</b>	<b>Environmental benefits and risks of biological control</b>	Room No:	Hall 4A
Symposium Organisers:	Franz Bigler (Switzerland) & Joop van Lenteren (The Netherlands)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
6	11:00	1440	<b>Balancing benefits and risks of biological control</b> Authors Franz Bigler Dirk Babendreier	Franz Bigler
7	11:15	157	<b>On the frontier of risk management: Potential nontarget effects of classical biocontrol agents stimulate innovation by entomologists in the U.S.A.</b> Authors Keith Douglass Warner Waide Hicks	Keith Douglass Warner
8	11:30	954	<b>Development of host range testing for a potential <i>Uraba lugens</i> biological control agent</b> Authors Lisa Berndt Toni Withers	Lisa Berndt
9	11:45	2148	<b>Securing natural borders: Harmonization of U.S. permit practices with North American regional phytosanitary guidelines for release of invertebrate biological control agents</b> Authors Joseph Vorgetts Jo-Ann Bentz-Blanc Kenneth Bloem	Joseph Vorgetts
10	12:00	561	<b>Reflections and evidences on the present status of biological control of arthropod pests</b> Authors Gennaro Viggiani	Gennaro Viggiani

SESSION NO. **5**

Symposium Reference No.	<b>16.022</b>	<b>Lunch Break &amp; Posters</b>	Room No:	Hall 3ABC
Symposium Organisers:				

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	12:30	0	<b>Lunch Break &amp; Posters</b> Authors	Lunch Break & Posters

SESSION NO. **6**

Symposium Reference No.	<b>16.02</b>	<b>Harmonia axyridis: a model invasive insect</b>	Room No:	Hall 4A
Symposium Organisers:	Remy Ware (UK) & Helen Roy (UK)			

Order	Start	Abstract No.	Presentation Title	Presenting Author
11	14:00	793	<b>From biological control to invasion: the ladybird <i>Harmonia axyridis</i></b> Authors Helen Roy Eric Wajnberg	Helen Roy

12	14:15	1131	<b>Intraguild predation involving <i>Harmonia axyridis</i>: a threat to native biodiversity and ecosystem function?</b> Authors Judith Pell Jason Baverstock Remy Ware	Helen Roy
13	14:30	2202	<b><i>Harmonia axyridis</i> – top predator or invader? A critical examination</b> Authors Pavel Kindlmann Hironori Yasuda	Pavel Kindlmann
14	14:45	506	<b>Alternative foods for <i>Harmonia axyridis</i></b> Authors Nick Berkvens Jochem Bonte Dirk Berkvens	Nick Berkvens
15	15:00	701	<b>Assessing the risk posed by the invasion of <i>Harmonia axyridis</i> on European ladybirds. 1. Likelihood of encounter</b> Authors Marc Kenis Renate Zindel Rene Eschen	Marc Kenis
16	15:15	1038	<b>Assessing the risk posed by the invasion of <i>Harmonia axyridis</i> on European ladybirds. 2. Consequence of encounter</b> Authors Remy Ware Michael Majerus Renate Zindel	Remy Ware

SESSION NO. 7

Symposium Reference No. **16.017** **Tea Break** Room No: Hall 3ABC  
Symposium Organisers:

Order	Start	Abstract No.	Presentation Title	Presenting Author
0	15:30	0	<b>Tea Break</b> Authors	Tea Break

SESSION NO. 8

Symposium Reference No. **16.02** ***Harmonia axyridis*: a model invasive insect** Room No: Hall 4A  
Symposium Organisers: Remy Ware (UK) & Helen Roy (UK)

Order	Start	Abstract No.	Presentation Title	Presenting Author
17	16:00	1943	<b>Spread of the invasive ladybird <i>Harmonia axyridis</i> in the Czech Republic and Denmark</b> Authors Oldrich Nedved Tove Steenberg Susanne Harding	Oldrich Nedved
18	16:15	599	<b>The spread and distribution in Europe of <i>Harmonia axyridis</i>, a non-native coccinellid</b> Authors Peter M.J. Brown Michael E.N. Majerus Helen E. Roy	Peter M.J. Brown
19	16:30	2079	<b>Interactions between colour pattern, temperature and life history traits in three coccinellid species (<i>Harmonia axyridis</i>, <i>Adalia bipunctata</i> and <i>Adalia decempunctata</i>)</b> Authors Laura Jane Michie Michael Majerus	Laura Jane Michie
20	16:45	1169	<b>An evolutionary perspective on biological invasions: insights from the harlequin ladybird, <i>Harmonia axyridis</i></b> Authors Lori Lawson Handley Cathleen Thomas Remy Ware	Lori Lawson Handley
21	17:00	3043	<b>Routes and modalities of invasion of <i>Harmonia axyridis</i>: a microsatellite-based population genetics survey</b> Authors Eric Lombaert Thibaut Malausa Anne Loiseau	Arnaud Estoup
22	17:15	399	<b>Establishment of <i>Harmonia axyridis</i> in North America: A case for the enemy release hypothesis?</b> Authors Ted Cottrell David Shapiro-Ilan	Ted Cottrell

26 June 2008