



## **IOBC Subgroup on Slugs and Snails**

(within the Working Group Insect Pathogens and Insect Parasitic Nematodes)

# **A SPECIALISTS MEETING ON SLUGS AND SNAILS**

at the Inforama Rütli–Zollikofen close to Bern (Switzerland)

2–4 April 2007

# Programme

## **Sunday, April 1<sup>st</sup>**

**From 5 p.m. on**                      Arrival and inscription  
Welcome and allocation of the rooms  
Snack and informal get-together

## **Monday, April 2<sup>nd</sup>**

**7.30 a.m. – 8.10 a.m.**              Breakfast

**8.15 a.m. – 9.45 a.m.**

*James R. Bell, R. Andrew King, David A. Bohan & William O.C. Symondson.* The spatial ecology of *Deroceras reticulatum* (Müller) as a network of interactions.

*Adel El Titi.* Long term studies on the egg distribution of *Deroceras reticulatum* in the soil profile and its consequences for the integrated farming approaches.

*William O.C. Symondson, Rhian Thomas, David M. Glen.* Responses by the larvae of *Pterostichus melanarius* to slugs.

**9.45 a.m. – 10.15 a.m.** Coffee break

**10.15 a.m. – 11.45 a.m.**

*Foltan P. & Konvicka M.* A new method for marking slugs using UV-fluorescent dye.

*R. Andrew King, Silvana Cesarini, Peter W. Dodd, Georgina L. Harper, Ian P. Vaughan, David M. Glen, Christopher W. Wiltshire, James D. Harwood, Michael W. Bruford, & William O.C. Symondson.* Detection of predation by carabids on slugs and alternative prey using miniplots and PCR.

*Zajicova H & Foltan P.* Manipulation of slug spatial behaviour by a rhabditid nematode *Phasmarhabditis hermaphrodita*.

**12.00 a.m. – 1.15 p.m.** Lunch

**1.30 p.m. – 3 p.m.**

*Arild Andersen.* The Iberian slug *Arion lusitanicus* in Norway. 1. Testing control methods in private gardens.

*Solveig Haukeland.* The Iberian slug *Arion lusitanicus* in Norway. 2. Studies on the nematode *Phasmarhabditis hermaphrodita*.

*Markus Bieri.* Slug control in no-till systems.

**3 p.m. – 3.30 p.m.**                      Coffee break

**3.30 p.m. – 5 p.m.**                      Session

*Andreas Prokop and Reinhard Arndt.* First results with Ferramol (iron phosphate bait) on Golden Apple Snails (*Pomacea canaliculata*).

*Albert Ester and Hilfred Huiting.* Control of Field Slugs in oilseed rape using seeds treated with molluscicides.

*Emma M. Shaw & A. Mark Langan.* Impact of molluscicide pellet formulations on the surfacing and feeding behaviour of *Lumbricus terrestris*: a novel use for security cameras

**6 p.m.**                                      Supper

## Posters

Hatteland, B.A., Noble, L.R., Schander, C., Skage, M., Solhoy, T., and W.O.C. Symondson. Differentiation of the invasive *Arion lusitanicus* and the native *Arion ater* (Pulmonata, Arionidae) in western Norway using morphology and genetics.

Foltan, P. & Puza, V. Living in the slug which does not exist: *Phasmarhabditis hermpaphrodita* defend its host cadaver from being scavenged

Read, D.S., Symondson, W.O.C. et al. (Title to be announced)

## Tuesday, April 3<sup>rd</sup>

7.30 a.m. – 8.10 a.m. Breakfast

8.15 a.m. – 9.45 a.m. Session

Andre Chabert. Observations on the biology of the grey field slug (*Deroceras reticulatum*).

Grita Skujiene. Karyological investigations of slugs (Gastropoda: Arionidae) in Lithuania.

Kurt Jordaens. The use of DNA barcoding as a tool for accurate species identification: an example from the slug family Arionidae

9.45 a.m. – 10.15 a.m. Coffee break

10.15 a.m. – 11.30 a.m. Session

Viktorija Kuznecova. Biodiversity of terrestrial molluscs in urbophytocenoses of Vilnius, capital of Lithuania

Ron Van Toor. Introduced slug and snails as pests in New Zealand

11.30 a.m. – 12.45 p.m. Lunch

1.00 p.m. Departure for excursion

Supper in the countryside

## Wednesday April 4<sup>th</sup>

7.30 a.m. – 8.10 a.m. Breakfast

8.15 a.m. – 9.45 a.m. Field experiment "Oberacker": No-tillage versus conventional tillage - 12 years of comparison

9.45 a.m. – 10.15 a.m. Coffee break

10.15 a.m. – 11. 20 a.m. Conclusions of the conference Assessment of the next meeting

11.30 a.m. Lunch

13.00 a.m. Departure