

XVIth European Carabidologists Meeting

September 22-27, 2013 • Prague, Czech Republic

Papers from

16th EUROPEAN CARABIDOLOGISTS MEETING

Prague, Czech Republic, September 22–27, 2013

**Carabids and man:
Can we live with(out) each other?**

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Crop Research Institute, Prague
Faculty of Environmental Sciences, Czech University of Life Sciences, Prague
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EDITORIAL: 16th EUROPEAN CARABIDOLOGISTS MEETING, PRAGUE 2013

Meetings of European carabidologists represent a well established tradition, which was started by the Dutch ecologist Piet den Boer in 1969. Since then the European carabidologists (and not only them) had irregularly met until 2001 when the biennial interval was decided. The last meeting, already the 16th European Carabidologists Meeting (16 ECM), was held in Prague, Czech Republic, September 22 to 27, 2013. Despite the long tradition of carabidology within Czech entomological society (to name just a few of the important names from the 20th century: Arnošt Jedlička, Karel Kult, Miloš Fassatti or Karel Hůrka), it was the first time when these meeting visited the Czech Republic.

The 16th ECM altogether was attended by 84 participants from 19 countries, including four non-European ones (USA, Canada, Taiwan, and Japan). It was organized by researchers of the three institutions: Pavel Saska, Alois Honěk and Zdenka Martinková from the Crop Research Institute, Prague, and Michal Knapp from the Faculty of Environmental Sciences, Czech University of Life Sciences, Prague, were responsible for the scientific part, and Pavel Moravec from the Administration of České Středohoří Protected Landscape Area, Litoměřice, organized the field excursion on the Oblík hill.

The motto of the meeting was “Carabids and man: can we live with(out) each other”. It should point to important ecosystem functions of these fascinating beetles on one hand and the role of humans in protection of and/or threat for carabid beetle populations. This motto resonated substantially in the participants’ contributions. Of the 72 presented, 40 were talks and 31 were posters. The contri-

butions covered wide range of carabid life-history, ecology, molecular phylogeny, population ecology, agroecology, ecosystem services and conservation, including some methodological issues related to carabid beetle study. The participants especially appreciated the three invited talks, given by Jonathan Lundgren (USDA ARS, Brookings, USA) – “Complex interactions among seeds and the carabids that eat them”, John Holland (Game and Wildlife Conservancy Trust, Fordingbridge, UK) – “The spatial dynamics of carabid beetles from field to landscape and the implications for biocontrol of crop pests”, and Andrea Di Giulio (University Roma Tre, Rome, Italy) – “Morpho-functional and behavioural studies on the flanged bombardier beetles (Coleoptera: Carabidae: Paussinae)”. The student poster award went to Csaba Eötvös (University of Szeged, Szeged, Hungary) for his contribution entitled “Documenting predator marks on dummy caterpillars”.

This Proceedings volume of the European Journal of Entomology contains the selection of papers that were presented during the programme. The papers included cover various aspects of carabidology, including heredity (Mosakowski and Paarmann p. 601), population genetics (Marec et al. p. 726), functional morphology (Di Giulio et al. p. 692), ecophysiology (by Saska et al. see p. 621), trophic biology (Šerić-Jelaska et al. p. 631, Petit et al. p. 615, Ferrante et al. p. 649), ecology in forests, arable land and other human-affected habitats (Schwerk p. 677, Skłodowski p. 639, Baranovská et al. p. 608, Dymitryszyn p. 655, Kosowska et al. p. 669) and conservation ecology (Elek et al. p. 663, Brigić et al. p. 715, Tóthmérész et al. p. 686, Venn et al. p. 703).

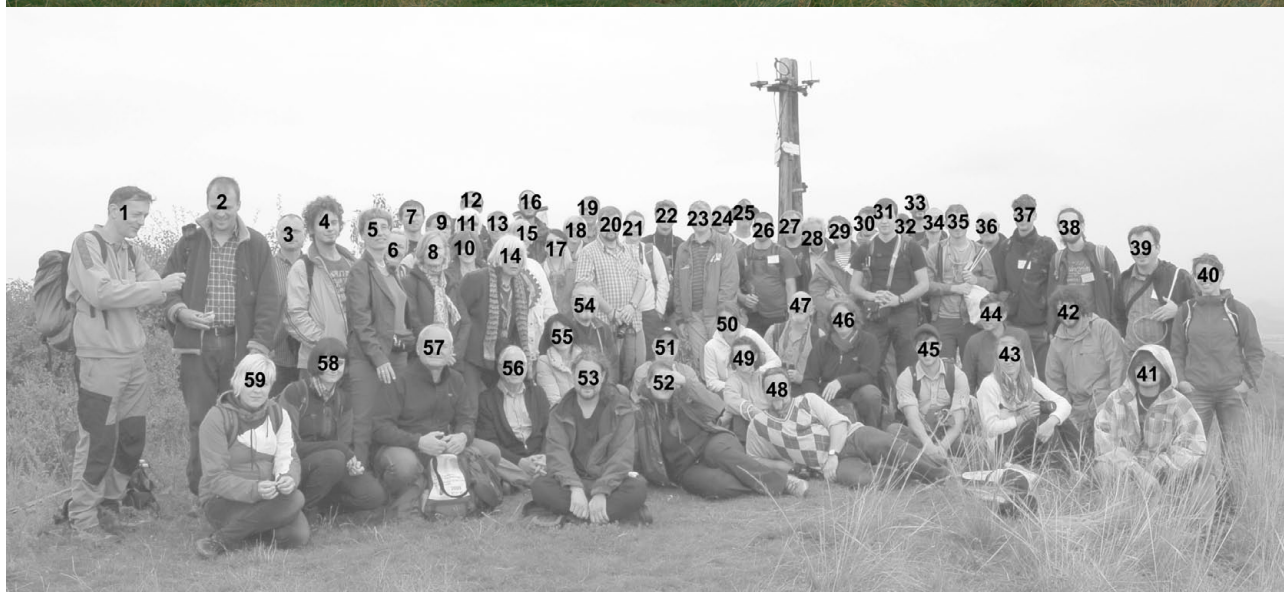
The organizers particularly appreciated and would like to thank the Ministry of Agriculture of the Czech Republic and the Ministry of Environment of the Czech Republic for the financial support. Highly appreciated is also the help of supportive student team (Eliška Baranovská, Kateřina Zákostelská, Věra Zaplatílková and Miroslav Vlach) whose help assured that the meeting went smoothly. In this place we would like to remember our dear Emmanuelle Dauffy-Richard, regular participant of the last five meetings and a specialist on forest ecology of carabid beetles, who prematurely passed away in June 2014. All of us will miss the modest and friendly character of her during the meetings.

In 2015, the meeting will be organized by Lucija Šerić-Jelaska and her team in Croatia (<http://17ecm.biom.hr>). I hope we can all meet there.

*Pavel Saska
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Emmanuelle Dauffy-Richard (17.xi.1974–9.vi.2014).



The group photograph of the participants at the 16th European Carabidologists Meeting, taken on the top of the Oblík hill, České Středohoří Protected Landscape Area. A number of participants are missing either because they did not attend the excursion or because of their irresistible passion for collecting beetles on this site.

1 – Roman Hamerský; 2 – Sándor Bérces; 3 – Mr. Kivimägi; 4 – Fran Kostanjšek; 5 – Mrs. Sklodowska; 6 – Irja Kivimägi; 7 – Jozef Macko; 8 – Mrs. Altenkirch; 9 – Radomir Jaskula; 10 – Izabela Dymitryszyn; 11 – Hans Turin; 12 – Pavel Moravec; 13 – John Holland; 14 – Mrs. Mossakowski; 15 – Mrs. Aleksandrowicz; 16 – Roel van Klink; 17 – Mrs. Matalina; 18 – Andreja Brigić; 19 – Pietro Brandmayr; 20 – Zoltán Elek; 21 – Tessa Bargmann; 22 – Roberto Pizzolotto; 23 – Béla Tóthmerész; 24 – Jonathan Lundgren; 25 – Rikjan Vermeulen; 26 – Csaba Eötvös; 27 – Matti Koivula; 28 – Ad Littel; 29 – Alexia Marie; 30 – Ronan Marrec; 31 – Estève Boutaud; 32 – Jenni Stockan; 33 – Sven Jelaska; 34 – Uldis Valainis; 35 – Radim Gabriš; 36 – Alois Honěk; 37 – Josef Kašák; 38 – Pavel Saska; 39 – Paweł Sienkiewicz; 40 – Věra Zaplatilková; 41 – Miroslav Vlach; 42 – Maurizio Muzzi; 43 – Marta Soldane; 44 – David Brooks; 45 – Aaron Bell; 46 – Claudia Drees; 47 – Gábor Lövei; 48 – Andrey Matalin; 49 – Emmanuelle Dauffy-Richard; 50 – Lucija Šerić-Jelaska; 51 – John Spence; 52 – Eliška Baranovská; 53 – Gábor Poszgai; 54 – Oleg Aleksandrowicz; 55 – Sonomi Shibuya; 56 – Dietrich Mossakowski; 57 – Jaroslaw Sklodowski; 58 – Alice Albertini; 59 – Zuzana Jahnová.