Niels Peder Kristensen Memorial Symposium

Monday, September 28, 2015

Chairs: Thomas Simonsen & Jadranka Rota

Key note

Thomas Simonsen, Denmark
Of wing scales and ghost moths: working with and learning from Niels Peder Kristensen for almost two decades

George Gibbs, New Zealand

Joaquin Baixeras, Spain
Functional morphology of the bursa copulatrix wall: a comparative analysis in some groups of Lepidoptera

Richard Brown, USA
Structures for attachment of adult appendages: the pretarsi and the forewing metascutal locking mechanism

Don Davis, USA
April Dinwiddie

Steen Dupont, U.K.

Maria Heikkilä,
Elusive ditrysian phylogeny – from Kristensen & Skalski 1999 to sequence data and systematized morphology

Lauri Kaila, Finland

Ole Karsholt, Denmark

Harald Krenn & Julia Bauder, Austria
Head morphology in adult Lepidoptera – from complexity to simplicity

Joel Minet, France

Jadranka Rota, Finland

Malcolm Scoble, U.K.

Francesca Vegliante, Germany
Musculature and movements of the genitalia of Anania hortulata (Pyraloidea: Crambidae)

Conservation & Ecology
September 30, 2015
Chair: Joseph Settele

Key note

**Chris Van Swaay**, The Netherlands
Butterfly Monitoring across Europe

**Irma Wynhoff**, The Netherlands
Reconstructing *Maculinea* habitats in the Netherlands

**Josef Settele**, Germany
Intergovernmental assessments and the role of Lepidoptera – Insights from IPCC and IPBES

**Martin Wiemers**, Germany
LepiDiv – compiling distribution data for more than just distribution atlases

**Petrányi Gergely**, Hungary
Geometrid Moths & Climate Change

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**Taxonomy and Phylogeny of Geometroidea**
Chair: Hossein Rajaei

Key note

**Axel Hausmann**, Scott Miller & Sean Prosser
Calibrating the taxonomy of a megadiverse family on BOLD: 2700 geometrid moth types barcoded (Geometridae, Lepidoptera)

Key note

Pasi Sihvonen, Finland & Peder Skou, Denmark, Geometrid Moths of Europe, volume 5
Gunnar Brehm & Konrad Fiedler
Constant and high: diversity and turnover patterns of geometrid moths along an elevational gradient in the Ecuadorian Andes revisited

Sille Holm, Estonia
A comparative perspective on life span in geometrid moths

Hossein Rajaei, Germany
Phylogeny of the superfamily Geometroidae

Robert Trusch, Hossein Rajaei & Axel Hausmann: New attainments based on an integrative taxonomic survey of Rhodostrophia Hübner, 1823 of Iran (Geometridae, Sterrhinae)

Andro Truuverk, Estonia
Systematics and Phylogeny of Larentiinae (Geometridae)

Phylogeny
Chair: Niklas Wahlberg

Key note: n.n.

V. V. Anikin, A. G. Demin & M. A. Knushevitskaya, Russia
Establishment the time of divergence in the family Coleophoridae (Lepidoptera) based on the analysis of variability COI gene of mtDNA

Gunnar Brehm, Pasi Sihvonen & Niklas Wahlberg
Towards a phylogeny of Neotropical Geometridae

Richard Mally
Phylogeny of Spilomelinae

Biogeography & Phylogeography
Chair: Thomas Schmitt

Key note
Roger Vila, Spain
The closer you look, the more you see. European butterfly diversity through the magnifying glass of phylogeography

Fossil Lepidoptera
Chairs: Maria Heikkilä & Jae Sohn

Key note
Conrad Labandeira, Washington

Rienk De Jong, The Netherlands
Butterfly fossils and paleobiogeography: can they illuminate each other?

Maria Heikkila & Jae-Cheon Sohn
Critiques and prospects for divergence time estimation of Lepidoptera

Wolfram Mey & Hans Blackstein

Zdeněk Faltýnek Fric

Conrad Labandeira
Multitrophic interactions: Lepidoptera-plants-parasitoids-microorganisms

Chairs: Camiel Doorenweerd & Carlos Lopez-Vaamonde

Key note: Lee Dyer, University of Nevada, Reno, USA

Georg Petschenka, Germany
How Lepidopterans tolerate and use plant toxins: evolution of resistance and sequestration
F. Gutzwiller, F. Dedeine, W. Kaiser, D. Giron & C. Lopez-Vaamonde
Evolution of the tripartite association between leaf-mining moths, Wolbachia, and their host plants.

Further oral presentations

Alena Bartoňová, Czech Republic
Proterebia afra – Relic of the glacial steppe in the Balkans

Gunnar Brehm, Martin Fischer, Stanislav Gorb, Thomas Kleinteich, Bernhard Kühn, David Neubert, Hans Pohl, Benjamin Wipfler & Susanne Wurdinger
The unique sound production of the Death’s head Hawkmoth (Acherontia atropos (Linnaeus, 1758)) revisited

Jurate De Prins
How can we transfer the structures of collection management of the last centuries to the integrative taxonomy of the present and the future: Case study – family Gracillariidae

Pritha Dey & V.P. Uniyal, India
Moth assemblages in Nanda Devi biosphere Reserve, Western Himalaya -Understanding the pattern in diversity and their role as a conservation tool

Konstantin A. Efetov, Elena E. Kucherenko, Ekaterina V. Parshkova & Gerhard M. Tarmann
New sex attractant for Procridinae males (Lepidoptera: Zygaenidae)
Konstantin A. Efetov & Gerhard M. Tarmann
On the way to the world catalogue of the Procridinae (Lepidoptera: Zygaenidae)

Alessandro Giusti, U.K.
Re-curation of the slug moths (Limacodidae) collection at the Natural History Museum, London: Challenges, outcomes and future value

Andrea Grill & Konrad Fiedler
Mate choice in Maniola butterflies: Age beats beauty?

Horváth, B., Cs. Szabóky, V. Tóth & F. Lakatos, Hungary
Wich factors are important for moth communities in a hungarian sessile oak-hornbeam forest?

Blanca Huertas, U.K.
Hazards of Butterfly Collecting: A tribute to Dr Torben B. Larsen (1944-2015)

The status of Dutch macro-moths: impact of artificial lighting

Satendra Kumar Induria, Arvind Agrawal & Atanu Kumar Pati, India
Diversity of Bagworm (Lepidoptera:Psychidae) species in India

Konrad Kalarus & Piotr Nowicki, Poland
Drivers of colonization of habitat patches by the dryad butterfly (Minois dryas) in fragmented grasslands

Richard Mally & Marja van der Straaten
Sufetula
Geoff Martin, U.K.
iCollections project: the digitisation of the British & Irish Lepidoptera collection at the Natural History Museum, London

Neda Mehravar, Mehdi Esfandiari, Hossein Motamedi, Hamid Rajabi Memari & Hossein Rajaei, Iran
Genetic diversity and phylogeography of *Sesamia nonagrioides* (Lepidoptera: Noctuidae) in Iran inferred from mitochondrial DNA

Vazrick Nazari & Linda Evans
Butterflies of ancient Egypt

Mujie Qi & Houhun Li, China
The fauna of Phycitinae (Lepidoptera, Pyralidae) in China

Łukasz Przybyłowicz & Michael Ochse
*Tervurenia* – the new genus for unknown species of "tufted" thyretine from central Africa (Erebidae: Arctiinae, Syntomini)

Rasmussen, B. K., David C. Lees, C. Wieser, J. Minet, R. Rougerie, J. deWaard & C. Lopez-Vaamonde
DNA barcoding of the microlepidopteran fauna of Madagascar

Alexander Schintlmeister, Germany
Dr. Otto Staudinger in Dresden – a biographical and historical account

Sergey Sinev, Russia
A revised taxonomy of the bright-legged moths (Lepidoptera: Gelechioidea: Stathmopodidae)

Claude Sinner, Germany
My First Steps in Citizen Science, Evaluation and Results of the Label-butterflies.com Project
Jana Slancarova, D. Novotny, J. Benes, M. Zapletal & M. Konvicka, Czech Republic
Macromoths light trap catches on intensive farmland: Relative effects of crops, land covers and landscape heterogeneity

**M. Alma Solis**, USA, *Cosmopterosis* Amsel and *Schacontia* Dyar (Glaphyriinae: Crambidae): case studies on the study of pyraloid diversity and biology in the Neotropics

**Valentina Todisco**, Elisabetta Puliga & Andrea Grill
Two hypotheses on the origin of the Sardinian Blue, *Pseudophilotes barbagiae* (Lepidoptera, Lycaenidae): Out-of-Europe or Out-of-Africa?

**Pasquale Trematerra**
Corks damaged by *Nemapogon granellus* (L.) in Tuscan wine cellars

**Ulrich Veith**, Mayor of Mals, Italy
Das Wunder von Mals / The Miracle of Mals

Aihui Yin, Shuxia Wang, China
Taxonomic status of the genus *Cryptolechia* Zeller, 1852

**Alberto Zilli**, U.K.
Collectors, collections, and research

**Boyan Zlatkov**, Bulgaria
Lock-and-key mechanisms in some Cochylini (Tortricidae): a morphological study

**Poster**

Gerald Baker, Stephen Hight and Richard Brown, USA
Morphology of basistipal fimbriate pockets of *Cactoblastis cactorum*
Emmanuelle Briolat, U.K.
Colour and toxicity in the Zygaenidae

Feza Can Cengiz, Başak Ulaşlı & Alexander Schintlmeister
The prominent moths (Lepidoptera: Notodontidae) from the Middle and Eastern Anatolia, Mediterranean and Black Sea Regions of Turkey

Sara Farahi Jahromi, Mohammad Mahdi Rabieh & Mehdi Esfandiari, Iran
A survey of Erebidae, Nolidae and Euteliidae (Lepidoptera) in southern and northeastern Iran

“Dia phania” costata (F.), a pest of Apocynaceae in the southeastern United States

Preliminary results of the Pine Processionary Moth monitoring in Albania

Natalia Kirichenko, Erik J. van Nieukerken, Camiel Doorenweerd, Carlos Lopez-Vaamonde
DNA-barcoding campaign of Lepidopteran leaf miners in Siberia

Jana Marešová, Czech Republic
Phylogeography of two species of Boloria

Wojciech Kubasik & Paweł Trzciński, Poland
Impact of changes in the fauna of Polish Tortricidae on agriculture and horticulture

Michal Rindoš, Zdeněk F. Fric, Tomáš Melichar & Jean Haxaire, Czech Republic
The historical biogeography of the hawkmoth genus Ambulyx (Lepidoptera: Sphingidae) based on mitochondrial DNA genes
Izabela Szelag, Poland
The preliminary results on the biology of *Alucita grammodactyla* Zeller, 1841 (Lepidoptera: Alucitidae) on *Scabiosa ochroleuca* L. in The Kraków - Częstochowa Upland (Poland)

Başak Ulaşlı & Feza Can Cengiz, Turkey
Recent distribution and status of *Zeuzera pyrina* L. (Lepidoptera: Cossidae) in Turkey

**Mirko Wölfling** & Konrad Fiedler: How differences in behaviour among Macroheterocera may contribute to sampling bias in interception traps

Roman Wąsala, Poland
The owl moths (Lepidoptera: Noctuoidea: Nolidae, Erebidae, Noctuidae) associated with the Natura 2000 Torfowisko Rzecińskie bog (Poland)

Martin Wiemers, Germany, CLIMBER – a new database for measuring the response of butterflies to climatic changes in Europe

Anna Zubek
New informative characters in the female genitalia in assessing the phylogeny of Palearctic Satyrina

**General Meeting**
September 30th, 2015 at 15.30 p.m. at the Radisson Blu Park Hotel & Conference Centre, Dresden Radebeul, Germany