



19th European Congress of Lepidopterology
 Sept 27 – Oct 2, 2015
 Radebeul, Germany

XIXth European Congress of Lepidopterology

27 September – 02 October 2015, Radebeul, Germany

PROGRAMME

Monday, 28 September 2015

9:00 – 9:20		Welcome and opening of the congress
		Niels Peder Kristensen Memorial Symposium Chairs: Jadranka Rota & Thomas Simonsen
9:20 – 9:30		Introduction
9:30 – 10:15	<i>Keynote</i> Thomas Simonsen	Wing scales and non-ditrysian moths: two key areas in Niels P. Kristensen's and my own research interests
10:15 – 10:45	Malcolm Scoble	Broadening the value of taxonomic studies on Lepidoptera: building on Niels Kristensen's legacy
10:45 – 11:10	<i>Coffee break</i>	
11:10 – 11:35	George Gibbs	Unfinished business: Niels Kristensen's vision for primitive moths of the Southern Hemisphere
11:35 – 11:55	Harald Krenn	Head morphology in adult Lepidoptera – from complexity to simplicity
11:55 – 12:20	Don Davis	A revision of the New World family Adelidae (Adeloidea)
12:20 – 13:20	<i>Lunch break</i>	
13:20 – 13:45	Joël Minet	Wing venation: its evolution in basal lepidopteran lineages
13:45 – 14:10	Joaquin Baixeras	Functional morphology of the bursa copulatrix wall: a comparative analysis in some groups of Lepidoptera
14:10 – 14:35	Lauri Kaila	Spurious taxonomy and its consequences: a history of wing venation in <i>Elachista</i> (Elachistidae)
14:35 – 15:00	Richard Brown	Structures for attachment of adult appendages: the pretarsi and the forewing-metascutal locking mechanism
15:00 – 15:25	April Dinwiddie	Evolutionary patterns of lepidopteran wing scale shapes in a quantitative morphospace
15:25 – 15:45	<i>Coffee break</i>	
15:45 – 16:10	Francesca Vegliante	Musculature and movements of the genitalia of <i>Anania hortulata</i> (Pyraloidea: Crambidae)
16:10 – 16:35	Ole Karsholt	Light trapping Lepidoptera at the top of the Zoological Museum in Copenhagen
16:35 – 17:00	Steen Dupont	The setae of parasitic <i>Liphyra brassolis</i> butterfly larvae form a flexible armour for resisting attack by their ant hosts (Lycaenidae)
17:00 – 17:25	Jadranka Rota	Niels Kristensen from my perspective
17:25 – 17:35		Closure

Tuesday, 29 September 2015

		Fossil Lepidoptera Chairs: Maria Heikkilä & Jae-Cheon Sohn
9:00 – 9:45	<i>Keynote</i> Conrad C. Labandeira	New developments in understanding the biology of Mesozoic Lepidoptera
9:45 – 10:00	Rienk de Jong	Can fossils help us understand the paleobiogeography of the butterflies?
10:00 – 10:15	Zdenek Faltýnek Fric	Coding characters from fossil butterflies for direct inference of times of divergence in Nymphalini
10:15 – 10:30	Maria Heikkilä	Critiques and new hope on divergence time estimation of Lepidoptera
10:30 – 10:45	Wolfram Mey	Notes on Microlepidoptera in Baltic amber and description of an extinct tortricid species (Tortricidae)
10:45 – 11:05		<i>Coffee break</i>
		Phylogeny Symposium Chair: Akito Kawahara
11:05 – 11:35	<i>Keynote</i> Niklas Wahlberg	Cornucopia or Pandora's Box? Phylogenomics comes of age, data are no longer limiting
11:35 – 12:05	Erik J. van Nieuwerkerken	The oldest lineages of extant Lepidoptera: phylogeny, classification, and life history evolution
12:05 – 12:35	Marko Mutanen	Deep intraspecific barcode splits in Lepidoptera: signs of cryptic diversity or <i>Wolbachia</i> -driven distraction?
12:35 – 13:35		<i>Lunch Break</i>
		Chair: Niklas Wahlberg
13:35 – 13:55	Kyung Min Lee	The promise of ddRAD-Seq in lepidopteran phylogenetics: a case study using <i>Eupithecia</i> (Geometridae) as a model group
13:55 – 14:15	Maria Heikkilä	Elusive ditrysian phylogeny – from Kristensen & Skalski 1998 to sequence data and systematized morphology
14:15 – 14:30	Richard Mally	The molecular-morphological phylogeny of megadiverse Spilomelinae (Pyraloidea)
14:30 – 14:45	Théo Léger	Unravelling the phylogeny of Crambinae, Heliothelinae and Scopariinae (Pyraloidea)
14:45 – 15:00	Franziska Bauer	To hear, or not to hear, that is the question in basal Pyralidae (Pyraloidea)
15:00 – 15:20		<i>Coffee break</i>
15:20 – 15:35	Vazrick Nazari	Butterflies of ancient Egypt
15:35 – 15:50	Vasilii V. Anikin	Estimating the time of divergence in Coleophoridae based on the analysis of the COI gene
15:50 – 16:05	Mari Kekkonen	DNA Barcoding at the family level: Considering the Gelechioidea
16:05 – 16:20	Katja Rönkä	Putting <i>Parasemia</i> in its phylogenetic place: a molecular analysis of the subtribe Arctiina
		Bombycoidea Chair: Alessandro Giusti

16:20 – 16:35	Anna K. Hundsdoerfer	Phylogeography of the <i>Hyles euphorbiae</i> complex (Sphingidae) – Diverse patterns of admixture between an African and Eurasian evolutionary lineage
16:35 – 16:50	Gunnar Brehm	The unique sound production of the Death's head Hawkmoth (<i>Acherontia atropos</i>) revisited
16:50 – 17:20	Akito Kawahara	Moth tails divert bat attack: Evolution of acoustic deflection
		Final talks of the day
17:20 – 17:30	Alexander Schintlmeister	Dr. Otto Staudinger in Dresden – a biographical and historical account

Wednesday, 30 September 2015

		Multitrophic interactions: Lepidoptera-plants-parasitoids-microorganisms Chairs: Camiel Doorenweerd & Carlos Lopez-Vaamonde
9:00 – 9.40	<i>Keynote</i> Lee A. Dyer	Local versus regional networks of phytochemically mediated plant-caterpillar-parasitoid interactions
9.40 – 10:20	<i>Keynote</i> Georg Petschenka	How milkweed butterflies (Danaini) tolerate and use plant toxins: evolution of resistance and sequestration
10:20 – 10:45	Carlos Lopez-Vaamonde	Evolution of the tripartite association between leaf-mining moths, <i>Wolbachia</i> , and their host plants
10:45 – 11:05		<i>Coffee break</i>
11:05 – 11:30	Camiel Doorenweerd	Adaptive radiations and speciation rates in Holarctic lineages of leafmining Lepidoptera
		Conservation and Ecology Chair: Josef Settele
11:30 – 12:05	<i>Keynote</i> Chris van Swaay	Butterfly Monitoring across Europe
12:05 – 12:30	Irma Wynhoff	LIFE+ Blues in the Marshes – new habitat for <i>Maculinea</i> in The Netherlands
12:30 – 13:30		<i>Lunch break</i>
13:30 – 13:50	Susanne Kurze	Too much of a good thing: Response of two <i>Lycaena</i> species to fertilised host plants
13:50 – 14:10	Martin Wiemers	LepiDiv – compiling distribution data for more than just distribution atlases
14:10 – 14:30	Martinus E. Huigens	The status of Dutch macro-moths: impact of artificial lighting
14:30 – 14:45	Nils Ryrholm	Maintaining and increasing biodiversity
14:45 – 15:10	Josef Settele	Intergovernmental assessments and the role of Lepidoptera – Insights from IPCC and IPBES
15:10 – 15:30		<i>Coffee break</i>
15:30		General Meeting

Thursday, 1 October 2015

Session 1

		Taxonomy and Phylogeny of Geometroidea Chair: Hossein Rajaei
9:00 – 9:30	<i>Keynote</i> Axel Hausmann	Calibrating the taxonomy of a megadiverse family on BOLD: 2700 geometrid moth types barcoded
9:30 – 10:00	<i>Keynote</i> Pasi Sihvonen	Can we speed up the taxonomic process of large-scale revisions? Example from the Geometrid Moths of Europe monograph
10:00 – 10:15	Hossein Rajaei	Phylogeny of the superfamily Geometroidea, with emphasis on the systematic position of <i>Pseudobiston pinratanai</i> Inoue, 1994
10:15 – 10:30	Gunnar Brehm	Towards a phylogeny of Neotropical Geometridae
10:30 – 10:45	Sille Holm	Life span under investigation: a phylogenetic comparative approach
10:45 – 11:05		<i>Coffee break</i>
11:05 – 11:25	Andro Truuverk	On the Phylogenetic studies of the tribe Larentiini, based on molecular methods
11:25 – 11:40	Robert Trusch	New attainments based on an integrative taxonomic survey of <i>Rhodostrophia</i> Hübner, 1823 of Iran (Sterrhinae)
11:40 – 11:55	Gunnar Brehm	Constant and high: diversity and turnover patterns of geometrid moths along an elevational gradient in the Ecuadorian Andes revisited
		Collections and Digitisation Chair: Matthias Nuss
11:55 – 12:20	Geoff Martin	iCollections project: the digitisation of the British & Irish Lepidoptera collection at the Natural History Museum, London
12:20 – 12:35	Alessandro Giusti	Re-curation of the slug moths (Limacodidae) collection at the Natural History Museum, London: Challenges, positive outcomes and future value
12:35 – 13:35		<i>Lunch break</i>
13:35 – 13:55	Claude Sinner	My first steps in citizen science – evaluation and results of the label-butterflies.com project
		Moths Chair: Axel Steiner
13:55 – 14:15	Jana Slancarova	Macromoths light trap catches on intensive farmland: Relative effects of crops, land covers and landscape heterogeneity
14:15 – 14:35	Balint Horváth	Which factors influence moth communities in a Hungarian sessile oak-hornbeam forest?
14:35 – 14:50	Mehdi Esfandiari	Genetic diversity and phylogeography of <i>Sesamia nonagrioides</i> (Noctuidae) in Iran inferred from mitochondrial DNA
14:50 – 15:10		<i>Coffee break</i>
15:10 – 15:25	Sara Farahi Jahromi	A survey of Erebidae, Nolidae and Euteliidae in

		southern and northeastern of Iran
15:25 – 15:40	Konstantin A. Efetov	A new sex attractant for the males of Procridinae (Zygaenidae)
15:40 – 15:55	Konstantin A. Efetov	On the way to a world catalogue of the Procridinae (Zygaenidae)
15:55 – 16:10	Łukasz Przybyłowicz	A new genus for an undescribed species of "tufted" thyretine from Central Africa (Erebidae: Arctiinae, Syntomini)
16:10 – 16:25	Herbert Beck	Larval characters and molecular phylogenies of Noctuoidea

Session 2

		Biogeography Chair: Anna Hundsdoerfer
9:00 – 9:35	<i>Keynote</i> Roger Vila	The closer you look, the more you see. European butterfly diversity through the magnifying glass of phylogeography
9:35 – 9:50	Alena Bartoňová	<i>Proterebia afra</i> – Relic of the glacial steppe in the Balkans?
9:50 – 10:05	Valentina Todisco	The origin of the Sardinian Blue, <i>Pseudophilotes barbaggiae</i> (Lycaenidae): Out-of-Europe or Out-of-Africa?
		Butterflies Chair: Roger Vila
10:05 – 10:25	Blanca Huertas	Hazards of Butterfly Collecting: A tribute to Dr Torben B. Larsen (1944-2015)
10:25 – 10:45	Konrad Kalarus	Drivers of colonization of habitat patches by the dryad butterfly (<i>Minois dryas</i>) in fragmented grasslands
10:45 – 11:05		<i>Coffee break</i>
11:05 – 11:30	Andrea Grill	Mate choice in <i>Maniola</i> butterflies: Age beats beauty?
11:30 – 11:50	Judit Bereczki	Preliminary results on <i>Wolbachia</i> infestation in two closely related <i>Melitaea</i> species
11:50 – 12:05	Nikola Micevski	An annotated checklist of the butterflies of the National Park "Mavrovo" (Macedonia)
		Microlepidoptera and Pyraloidea Chair: Joaquín Baixeras
12:05 – 12:20	Pasquale Trematerra	Corks damaged by <i>Nemapogon granellus</i> (L.) in Tuscan wine cellars
12:20 – 12:35	Aihui Yin	Taxonomic status of the genus <i>Cryptolechia</i> Zeller, 1852
12:35 – 13:35		<i>Lunch break</i>
13:35 – 13:50	Boyan Zlatkov	Lock-and-key mechanisms in some Cochylini (Tortricidae): a morphological study
13:50 – 14:05	Arvind Agrawal	Diversity of Bagworm (Psychidae) species in India
14:05 – 14:20	Oleksiy V. Bizilya	The study of Microlepidoptera of Ukraine: a part of total inventory of Ukrainian Lepidoptera
14:20 – 14:35	Sergey Yu. Sinev	A revised taxonomy of the bright-legged moths (Gelechioidea: Stathmopodidae)
14:35 – 14:50	M. Alma Solis	<i>Cosmopterosis</i> Amsel and <i>Schacontia</i> Dyar

		(Crambidae: Glaphyriinae): case studies about pyraloid diversity and biology in the Neotropics
14:50 – 15:10		<i>Coffee break</i>
15:10 – 15:25	Richard Mally	A report on several long-overlooked species of the <i>Sufetula</i> genus group (Pyraloidea: Crambidae: Lathrotelinae) found in greenhouses and imports into Europe
15:25 – 15:40	Mujie Qi	The fauna of Phycitinae (Pyralidae) in China
15:40 – 16:00	David Agassiz	Lepidoptera on ferns, mostly in Africa
16:00 – 16:25	David C. Lees	DNA barcoding of the microlepidopteran fauna of Madagascar

Friday, 2 October 2015

The destination of the congress excursion will be the Elbe Sandstone Mountains. The most popular parts of these mountains is made of cretaceous sediments. Subsequent erosion formed steep slopes and table mountains. The river Elbe breaks through the mountain range in a narrow valley. The mountains range from the German state of Saxony to the North Bohemian region of the Czech Republic. It is declared as National Park in both countries where collecting insects is prohibited. With 723 meters above sea level the Děčínský Sněžník in the Czech Republic is the highest peak of the Elbe Sandstone Mountains. Thus, flora and fauna on top of these mountains are still of lowland type. However, on many steep slopes direct sunlight never arrives which makes the bottom of the slopes shady and humid places and thus a suitable habitat for montane species. That is why some biologist call this mountain range “negative mountains”.

We will leave the congress hotel at 8:45 a.m. and have a 12-minute walk to the railway station Radebeul-Ost. The departure of our train (S1 in the direction Schöna) is at 9:09 a.m. We will arrive at 9:58 a.m. in the small city Wehlen, situated at the river Elbe in the heart of the Elbe Sandstone Mountains.

From there, we will be guiding different hiking tours towards Rathen, because the trails are small and therefore it is advantageous to separate into smaller groups. We will also consider lower trail difficulty levels for those who may not be able to walk up hundreds of stairs or have fear of heights. There will be opportunities to have lunch in restaurants.

We will return from Kurort Rathen at 4:21 p.m. using the S1 train in the direction Meissen Triebischtal. The train stops at Dresden-Hauptbahnhof at 5:00 p.m. and at Dresden-Neustadt at 5:07 p.m. Arrival in Radebeul Ost is at 5:15 p.m.