

Program - Forum Herbulot 2014
Naturschutzzentrum Erzgebirge, Germany
How to accelerate the inventory of biodiversity



Monday, June 30, 2014

Arrivals, Transfers
Registration
Icebreaker (Bavarian/Thuringian barbecue)
Evening: collecting

Tuesday, July 1, 2014

09:00-12:30: Morning plenary sessions: keynote-lectures on minimum description standards – taxonomical and nomenclatorial implications (chair: S. Miller)

09:00 *Short Opening Address* Axel Hausmann (Germany): Claude Herbulot – his way of accelerating biodiversity assessment

09:15 Michael Balke (Germany, ZSM): Taxonomy - faster. Better

09:50 Ellinor Michel (U.K., NHM), Richard L. Pyle (Honolulu, USA) & Robert P. Guralnick (Colorado, USA): Global Digital Infrastructure for Biological Nomenclature and Taxonomy

10:30 Plenary discussions (focus: minimum description standards)

10:50-11:15 Coffee break

11:15 Lyubomir Penev & Pavel Stoev (Bulgaria, Pensoft Publishers): Streamlining descriptions of new species identified with barcode data

11:45 Sujeevan Ratnasingham (Canada, CCDB): The BIN system: Standardizing molecular operational taxonomy in animals

12:15 Plenary discussions (focus: technical work flows)

12:30-14:30 Lunch break

14:30-19:00: Afternoon plenary sessions: keynote-lectures on rapid biodiversity assessment – examples from various aspects of lepidopteran research (chair: A. Hausmann)

14:30 Jeremy deWaard (Canada, BIO Guelph), Claudia Bertrand, Kara Layton, Angela Telfer & Monica Young: From BINs to Biodiversity: Rapid Arthropod Assessments using DNA Barcodes

14:55 Scott Miller (U.S.A., Smithsonian): DNA barcode enabled ecological research on Geometridae in Papua New Guinea

15:20 Hermann S. Staude (South Africa): Accelerating the inventory of Lepidoptera early-stages and host-plant & other associations, by using citizen-science projects

15:45 Plenary discussions

16:00-16:20 Coffee break

16:30 Breakout in 4 topical sub-groups with discussions
possible group topics: (1) e-publishing: innovative interfaces and workflows from BOL databases (L. Penev) – (2) acceleration of biodiversity assessment through focused collecting projects in tropical countries (W. Mey) – (3) defining minimum standards for descriptions & nomenclatural availability (E. Michel) – (4) global inventories FH (geometrid) lists of family names / species names (H. Rajaei)

18:00 Plenary group-presentations with discussions, if possible preparing or fixing a consensus declaration

19:00 Dinner

20:00 Meeting of (breakout) group secretaries/representants for preparing and fixing a "Forum Herbulot declaration on the acceleration of biodiversity assessment"

Evening: field studies and collecting

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Wednesday, July 2, 2014

09:00-10:45: Morning plenary sessions: rapid assessment tools (12' talk, 3' discussion) (chair: J. deWaard)

09:00 Rodolphe Rougerie, Thibaud Decaëns, David C. Lees, Carlos Lopez-Vaamonde, Shadi Shokrala, Mehrdad Hajibabaei: DNA barcoding and DNA metabarcoding as tools for rapid inventory and high-throughput identification of Lepidoptera species in Amazonia.

09:15 Mari Kekkonen: The flowchart of taxonomy – right pieces in the right order

09:30 Axel Hausmann, Hermann S. Staude, Clarissa Dieterle & Alfred Moser: With or without speed-limit? How to assess 3000 species of Emeralds.

09:45 Carlos Lopez-Vaamonde et al.: DNA barcoding reveals that the reverse latitudinal gradient of Gracillariidae leaf-miners is an artifact of tropical under-sampling

10:00 Sylvain Delabye, Thibaud Decaëns, Sandrine Bayendi, Stephan Ntie, Philippe Le Gall, Carlos Lopez Vaamonde, Nicolas Moulin, David Sebag, Rodolphe Rougerie & ECOTROP team: Using DNA barcoding as a tool to describe moth community patterns in Lopé and Ivindo National Parks, Gabon

10:15 Discussions

10:30-11:00 Coffee break

11:00-12:30: Morning plenary sessions: rapid assessment tools, geometrid phylogeny/taxonomy (12' talk, 3' discussion) (chair: P. Sihvonen)

11:00 Gyula M. László, Gabor Ronkay & Laszlo Ronkay: The importance of the morphotaxonomy in the exploration of the real biodiversity of Lepidoptera. A study case: the Nolini (Lepidoptera, Nolinae, Noctuoidea) fauna of Asia

11:15 Gunnar Brehm: Land in sight? – exploring the global geometrid diversity hotspot

11:30 Sei-Woong Choi, Jeong-Seop An: Spatial and temporal pattern of species richness and abundance of macromoths including Geometridae in Mt. Jirisan National Park, South Korea

11:45 Catherine Byrne: Current Research on Australian Geometridae

12:00 Andro Truuverk and Erki Öunap: On the Phylogeny and Systematics of the tribe Larentiini (Lepidoptera: Geometridae)

12:15 Discussions

12:30-14:30 Lunch break

14:30-15:45: Afternoon plenary sessions: phylogeny/taxonomy of African and Asian geometrids (12' talk, 3' discussion) (chair: C. Byrne)

14:30 Evgeny A. Beljaev: Molecular and morphological phylogenies in geometroid lepidopterans (Insecta: Lepidoptera: Geometriformes) – discordant or concordant

14:45 Hossein Rajaei et al.: Molecular and morphological investigations suggest family level for the little known *Pseudobiston pinratanae* Inoue, 1994

15:00 Pasi Sihvonen, Hermann S. Staude & M. Mutanen: Enigmatic cycad moths of Africa: a holistic approach to examine their systematic position (Lepidoptera: Geometridae)

15:15 Andrea Sciarretta, Axel Hausmann & Francesco Parisi: Recent advances on the knowledge of Geometrid moths of Ethiopia

15:30 Claude Tautel: a complex diversity of taxa behind one species : *Lophophelma luteipes* Felder, 1875

15:45 Discussions

16:00-16:30 Coffee break

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16:30-17:15: Afternoon poster session: various biodiversity studies (chair: A. Hausmann)
Stefano Scalercio, Marco Infusino & Axel Hausmann: Improvements in the knowledge of the Larentiinae fauna of southern Italy by DNA barcoding analysis (Lepidoptera, Geometridae)
Glaucia Marconato: Palyadini Systematics, state-of-the-art
Wolfram Mey: Family ranking in Lepidoptera communities in southwestern Africa: are Geometridae statistically important?

19:00 Dinner

Evening: field studies and collecting

Thursday, July 3, 2014

09:00-10:45: Morning plenary sessions: Palaeartic geometrids (12' talk, 3' discussion) (chair: H. Rajaei)

9:00 Feza Can Cengiz & Axel Hausmann: The Geometridae of the Amanos Mountains in Southern Turkey - with a review of the historical exploration

9:15 Gareth E. King: Contribution to an understanding of the early stages (egg, larva) of *Lythria sanguinaria* (Duponchel, 1842) with reference to two species in the Rhodometrini Agenjo, 1952 (Geometridae: Sterrhinae) (data from central Spain)

9:30 Evgeny Beljaev: Unexpected feature of the geometrid moths assemblages on the small islands in the Peter the Great Gulf (Sea of Japan, South of Russian Far East)

9:45 Laura Marrero Palma & Sven Erlacher: *Charissa (Pterygnophos)* from Central Asia

10:00 Closing presentation:

Erki Öunap: Phylogeny and classification of Timandriini and related groups - preliminary results

10:15 Discussions

10:30-11:00 Coffee break

11:00 Final discussions

11:30 FH Declaration on the Acceleration of Biodiversity Assessment

11:45 Date and venue of FH 2016/2017: Concepción, Chile

12:30-14:30 Lunch break

14:30 Transfer to Chemnitz

15:30-17:30 Visit to the museum in Chemnitz

18:00-21:00 Congress dinner in Chemnitz, Closure of Forum Herbulot 2014

Transfer to Annaberg-Buchholz

Friday, July 4, 2014

8:00: Transfer to Dresden

10:00 Visit to the museum, facultatively sightseeing Dresden centre

13:00 Ship tour on Elbe river, facultatively sightseeing Dresden centre

16:00 Transfer to Annaberg-Buchholz (those not attending the opera)

Evening (facultative for those having tickets): Opera (Il barbiere di Sevilla)

Saturday, July 5, 2014

Final transfers and departures