

PROGRAMME, short glance

Monday, 11th June 2018

Registration (14:00-18:00)

Ice-breaking with German barbeque (17:00-22:00)

Tuesday, 12th June 2018

Opening of the congress (09:00)

Presentations (09:30-15:30)

Three-minute talks and poster presentations (15:30-17:00)

Workshop: Large-scale scientific projects (17:00-18:00)

Wednesday, 13th June 2018

Presentations (09:00-17:30)

Congress dinner (19:00-22:00)

Thursday, 14th June 2018

Presentations (09:00-11:00)

Closing of the congress (11:00)

Excursion to the Black-forest (11:30-20:00)

Friday, 15th June 2018

Post-congress tour, City Tübingen & Burg Hohenzollern (08:00-19:00)

Saturday, 16th June 2018

Departure

PROGRAMME

Monday

- 14:00-17:00 Registration (Rosenstein 1, 70191 Stuttgart, Germany)
17:00-22:00 Ice-breaking

Tuesday

- 09:00-09:10 Prof. Dr. Johanna Eder (Director of the State Museum of Natural History Stuttgart)
WELCOME MESSAGE AND OPENING ADDRESS
- 09:10-09:20 Hossein Rajaei
STATE MUSEUM OF NATURAL HISTORY STUTTGART, AN INTRODUCTION
- 09:20-09:30 Lars Krogmann
WILLI HENNIG

SESSION: INTEGRATIVE TAXONOMY OF GEOMETRID MOTHS

Chair: Robert Trusch

- 09:30-10:00 Malcolm J. Scoble
GEOMETRID TAXONOMY: WILL PAST AND PRESENT APPROACHES MEET FUTURE NEEDS?
- 10:00-10:15
(10 + 3 Min) Julia Wildfeuer, Axel Hausmann
MUSEOMICS AND MICRO-CT: NON-DESTRUCTIVE MICRO-CT APPROACH FOR FEMALE LEPIDOPTERA AT THE EXAMPLE OF THE GENUS PRASINOCYMA (LEPIDOPTERA, GEOMETRIDAE)
- 10:15-10:30
(10 + 3 Min) Axel Hausmann
UPDATES ON THE GERMAN CAMPAIGN FOR DNA BARCODING OF LEPIDOPTERA AND ON THE EUROPEAN AND GLOBAL CAMPAIGNS FOR GEOMETRID BARCODING
- 10:30-11:00 **COFFEE BREAK**
- 11:00-11:30
(25 + 3 Min) Claude Tautel, Dieter Stüning
A NEW GENUS OF HYPOCHROSINI (GEOMETRIDAE, ENNOMINAE) FROM THE PHILIPPINES AND SULAWESI, WITH DESCRIPTION OF THREE NEW SPECIES AND ONE NEW SUBSPECIES, AND THE FIRST OBSERVATION OF "REFLEX BLEEDING" IN THE GEOMETRIDAE FAMILY
- 11:30-11:45
(10 + 3 Min) Dominic Wanke, Hossein Rajaei, Axel Hausmann
THE ENIGMATIC TRIPHOSA GENUS: TAXONOMIC REVISION AND THREE NEW SPECIES FROM MIDDLE EAST AND CENTRAL ASIA (LEPIDOPTERA, GEOMETRIDAE, LARENTIINAE)

SESSION: IMPROVING THE INFRASTRUCTURE FOR GEOMETRID RESEARCH

Chair: Pasi Sihvonen

- 11:45-12:00
(10 + 3 Min) Hugo A. Benítez
WING SHAPE CAN TELL US STORIES: THE USE OF GEOMETRIC MORPHOMETRICS IN LEPIDOPTERA WINGS

12:00-12:20 (20 Min)	<u>Hans Löbel, Axel Hausmann</u> "GEOMETRIDAE MUNDI", A NEW WAY OF SUMMARIZING THE DIVERSITY OF GLOBAL GEOMETRID SPECIES
12:20-12:35 (10 + 3 Min)	Claude Sinner INTEGRATION OF GEOMETRIDAE MUNDI INTO TAXONBENCH®
12:35-13:45	LUNCH
13:45-14:00	Daniel Bolt THE GEOMETRID MOTHS OF SWITZERLAND, ANNOUNCEMENT PUBLICATION
14:00-14:15 (10 + 3 Min)	Gunnar Brehm A NEW EFFICIENT LAMP TO COLLECT LEPIDOPTERA AND GENERAL REMARKS ON LIGHT-TRAPPING
14:15-14:30 (10 + 3 Min)	<u>Geoff Martin</u> , Alberto Zilli, Alessandro Giusti, Loise Allan, Peter Wing, Phaedra Kokkini, Flavia Toloni, David C. Lees THE DIGITISATION OF MADAGASCAN TYPE SPECIMENS AT THE NATURAL HISTORY MUSEUM, LONDON, UK WITH SPECIAL REFERENCE TO THE GEOMETRIDAE
14:30-14:45 (10 + 3 Min)	Christian König UNLOCKING GENOMIC TREASURE CHESTS – HIGH-THROUGHPUT COLLECTION GENOMICS
14:45-15:15	COFFEE BREAK
15:15-15:30 (10 + 3 Min)	<u>Dorothee Silbermann</u> , Karl Hoeing, Hossein Rajaei INTRODUCTION TO THE PROJECT: BUTTERFLY ALARM - NATURE IN DANGER; A DIGITAL PRINT PROJECT

SESSION: THREE MINUTES TALKS

Chair: Hossein Rajaei

15:30-16:15	<ul style="list-style-type: none"> - Marla Bernhard: "INJURED", BUTTERFLY ALARM - NATURE IN DANGER - Kira de Picciotto: "HUNGRY CATERPILLAR", BUTTERFLY ALARM - NATURE IN DANGER - Josefina Eck: "NIGHT-CRAWLER", BUTTERFLY ALARM - NATURE IN DANGER - Mirela Gospocic: "ROUNDUP", BUTTERFLY ALARM - NATURE IN DANGER - Julia Klawitter: "LOSS OF BEAUTY", BUTTERFLY ALARM - NATURE IN DANGER - Sophie Ringgenburger: "LIGHT AND ILLUSORY WORLD", BUTTERFLY ALARM - NATURE IN DANGER - Bernd Müller: NEW SPECIES OF THE GENUS BISTON FROM THE BALKAN PENINSULA (LEPIDOPTERA, GEOMETRIDAE, ENNOMINAE) - <u>Dominic Wanke</u>, Hossein Rajaei: CONFUSING SYNTYPES – APPEARING ISSUES DURING INVESTIGATION AND ITS SOLUTION - <u>Chantal Holzhausen</u>, Hossein Rajaei: A CASE OF GYNANDROMORPHY IN GEOMETRID MOTH
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- Sille Holm, Tõnis Tasane, Erki Õunap and Toomas Tammaru:
GENUS CLEORA (GEOMETRIDAE, ENNOMINAE) IN TROPICAL UGANDA
- Timm Karisch: **NOTES ON THE DISTRIBUTION, BIOLOGY AND HABITATS OF SCOPULA SEPARATA ON ST HELENA ISLAND**
- Donata Kamm, Chris Schäubfele, Noa Schwabe, Michael Haas, Christian König, Hossein Rajaei
AN INTEGRATION OF DNA-BARCODING, MORPHOLOGICAL TRAITS AND GEOGRAPHIC DISTRIBUTION DATA TO SPECIE DELIMITATION OF *PERIBATODES PERVERSARIA* (BOISDUVAL, 1840) (LEPIDOPTERA: GEOMETRIDAE)
- Shamsi Feizpour, Lida Fekrat, Axel Hausmann, Hossein Rajaei:
EMERALD MOTHS OF IRAN (GEOMETRIDAE, GEOMETRINAE)

16:15-17:00

SESSION: POSTER PRESENTATIONS

1. Marla Bernhard; 2. Kira de Picciotto; 3. Josefina Eck; 4. Mirela Gospocic; 5. Julia Klawitter; 6. Sophie Ringgenburger; 7. Bernd Müller; 8. Dominic Wanke; 9. Chantal Holzhaue; 10. Sille Holm; 11. Timm Karisch; 12. Donata Kamm, Chris Schäubfele, Noa Schwabe; 13. Hossein Rajaei

WORKSHOP

Chair: Pasi Sihvonen

17:00-18:00

LARGE-SCALE SCIENTIFIC PROJECTS: WORKSHOP ON PARTNER SEARCH

- Rui Cheng, Nan Jiang, Dayong Xue & Hongxiang Han
Phylogeography and evolutionary history of some geometrid taxa on global scale
- Pritha Dey
Morphological and genetic adaptations of high-altitude Geometrid moths and the impacts of climate change: A study from global mountain systems
- Axel Hausmann, Malcolm J. Scoble, Pasi Sihvonen, Hossein Rajaei & Gunnar Brehm
Update of the "Catalogue: Geometrid Moths of the World"
- Pasi Sihvonen et al.
Pushing the boundaries to the extreme: Global phylogeny of geometrid moths
- Hossein Rajaei, Shamsi Feizpour, Axel Hausmann, Vladimir Mironov & Ulrich Ratzel
Geometrid moths of Iran, an integrative approach

Wednesday

SESSION: PHYLOGENY AND SYSTEMATICS OF THE FAMILY GEOMETRIDAE (PART I)

Chair: Gunnar Brehm

- 09:00-09:20 (17 + 3 Min) Toomas Tammaru, Robert B. Davis, Erki Õunap, Sille Holm, Juhan Javoiš
MAKING USE OF GEOMETRID PHYLOGENIES: COMPARATIVE ANALYSES IN EVOLUTIONARY ECOLOGY
- 09:20-09:35 (10 + 3 Min) Pasi Sihvonen, Gunnar Brehm, Leidys Murillo-Ramos, Hermann Staude & Niklas Wahlberg
SHAKING THE TREE: REVISED PHYLOGENY AND CLASSIFICATION OF THE GEOMETRID SUBFAMILY STERRHINAE
- 09:35-10:50 (10 + 3 Min) Chantal Holzhaue, Hossein Rajaei
MORPHOLOGICAL BASED PHYLOGENY OF THE TRIBE CHESIADINI (LEPIDOPTERA, GEOMETRIDAE, LARENTIINAE)
- 10:50-11:10 (17 + 3 Min) Evgeny A. Beljaev, Oleg A.Velyaev
THE GENUS HYPOMECIS (LEPIDOPTERA: GEOMETRIDAE, ENNOMINAE): ADVANCES TO THE PHYLOGENETIC STRUCTURE AND RELATIONSHIPS IN BOARMIINI

11:10-11:40 COFFEE BREAK

SESSION: PHYLOGENY AND SYSTEMATICS OF THE FAMILY GEOMETRIDAE (PART II)

Chair: Sei-Woong Choi

- 11:40-10:55 (10 + 3 Min) Leidys Murillo-Ramos, Gunnar Brehm, Pasi Sihvonen, Hamid Ghanavi, Niklas Wahlberg
MOLECULAR SYSTEMATICS PROVIDE NEW INSIGHTS TO THE TAXONOMY AND RELATIONSHIPS OF THE MAJOR LINEAGES OF GEOMERID MOTH (LEPIDOPTERA: GEOMETRIDAE)
- 11:55-12:10 (10 + 3 Min) David Plotkin
PHYLOGENY OF THE EMERALD MOTHS (GEOMETRIDAE: GEOMETRINAE)
- 12:10-12:25 (10 + 3 Min) Gunnar Brehm, Leidys Murillo-Ramos, Pasi Sihvonen, Florian Bodner, Daniel Bolt, Christian B. Schmidt, Alfred Moser, Axel Hausmann, Erki Õunap, Jaan Viidalepp, Aare Lindt, Luis Parra, Toomas Tammaru, Niklas Wahlberg
MOLECULAR PHYLOGENY OF NEW WORLD GEOMETRID MOTHS (LEPIDOPTERA: GEOMETRIDAE)
- 12:25-12:40 (10 + 3 Min) Hermann Staude
A PHYLOGENETIC COMPARISON OF AFROTROPICAL GEOMETRIDAE AND THEIR HOST-PLANTS
- 12:40-13:40 LUNCH

- 13:40-13:55 Rui Cheng, Nan Jiang, Dayong Xue, Hongxiang Han
(10 + 3 Min) **THE RESEARCH STATUS OF PHYLOGEOGRAPHY AND BIODIVERSITY OF LEPIDOPTERA IN CHINA; CASE STUDIES OF GEOMETRIDAE**
- 13:55-14:10 Nan Jiang, Rui Cheng, Dayong Xue, Hongxiang Han
(10 + 3 Min) **RECENT PROGRESS ON TAXONOMY AND PHYLOGENY OF THE FAMILY GEOMETRIDAE FROM CHINA**

ECOLOGICAL STUDIES ON GEOMETRID MOTHS AND OTHER LEPIDOPTERA

Chair: Feza Can

- 14:10-14:40 Rodolphe Rougerie, Liliana Ballesteros-Mejia and the
(25 + 3 Min) ACTIAS/SPHINX consortia
SATURNIID AND SPHINGID MOTHS AS NOVEL MODELS FOR THE STUDY OF INSECT DIVERSITY AND MACROECOLOGY
- 14:40-14:55 Jeremy Holloway
(10 + 3 Min) **THE HOST-PLANT PROFILE OF THE GEOMETRIDAE IN COMPARISON WITH THOSE OF OTHER OBTECTOMERA FAMILIES IN THE INDO-AUSTRALIAN TROPICS**
- 14:55-15:30 COFFEE BREAK
- 14:30-15:45 Sei-Woong Choi, Jeong-Seop An, Nang-Hee Kim, Bo-Ra Shin,
(10 + 3 Min) Jae-Young Lee, Beom-Jun Jang
POPULATION CHANGES OF GEOMETRID MOTHS ACROSS SOUTHERN MOUNTAINS OF SOUTH KOREA
- 15:45-16:00 Sille Holm, Juhana Javoš, Freerk Molleman, Robert B. Davis, Erki
(10 + 3 Min) Õunap, Heikki Roininen and Toomas Tammaru
NO INDICATION OF HIGH HOST-PLANT SPECIFICITY IN TROPICAL GEOMETRID MOTHS
- 16:00-16:15 Axel Hausmann, Jérôme Morinière, Andreas Floren & Juliane
(10 + 3 Min) Diller
INVESTIGATING HOSTPLANT RELATIONSHIPS OF PERUVIAN LEPIDOPTERA (PANGUANA) THROUGH DNA BARCODING OF FOGGED CATERpillARS AND THEIR GUT CONTENTS
- 16:15-16:30 Farzaneh Kazerani, Mohammad Ebrahim Farashiani,
(10 + 3 Min) Mohammad Alazmani, Seyed Naghi Khaleghi, Samira Farahani
SURVEY EFFICIENTLY OF SEX PHEROMONE AND LIGHT TRAPS FOR DECREASING DAMAGES OF INVASIVE BOX TREE MOTH IN IRAN

BIODIVERSITY AND OTHER RESEARCH PROJECTS ON GEOMETRIDAE (PART I)

Chair: Nan Jiang

- 16:30-16:45 Martin Krüger
(10 + 3 Min) **FOLLOWING DUE PROCESS(ES): REMARKS ON THE OCCURRENCE OF LITHININI IN SOUTHERN AFRICA (GEOMETRIDAE: ENNOMINAE)**
- 16:45-17:00 Michael Ochse
(10 + 3 Min) **EXPLORING THE TAXONOMY OF DREPANOID-LIKE GEOMETRIDAE FROM TROPICAL AFRICA**

17:00-17:15 (10 + 3 Min)	David C. Lees A BRIEF OVERVIEW OF LEPIDOPTERAN DIVERSITY IN MADAGASCAR HIGHLIGHTING THE MASSIVE COMPLETION GAP
17:15-17:30 (10 + 3 Min)	<u>Robert Trusch</u> , René Herrmann DISTRIBUTION AND LIFE HISTORY OF <i>BOUDINOTIANA TOURANGINII</i> (BERCE, 1870) IN GERMANY AND ITS DIFFERENTIATION FROM <i>B. NOTHA</i> (HÜBNER, 1803) (LEPIDOPTERA, GEOMETRIDAE)
19:00-22:00	Gala Dinner in Rosenstein Palace

Thursday

BIODIVERSITY AND OTHER RESEARCH PROJECTS ON GEOMETRIDAE (PART II)

Chair: Axel Hausmann

- 09:00-09:15
(10 + 3 Min) Sei-Woong Choi, Sung-Soo Kim
CURRENT KNOWLEDGE OF THE GEOMETRIDAE IN SOUTH KOREA: ARE WE STILL WAITING MORE SPECIES?
- 09:15-09:30
(10 + 3 Min) Andrea Sciarretta, Axel Hausmann
RECENT ADVANCES IN THE KNOWLEDGE OF THE BIODIVERSITY OF THE TRIBE CASSYMINI IN ETHIOPIA (GEOMETRIDAE, ENNOMINAE)
- 09:30-09:45
(10 + 3 Min) Gyula László
TAXONOMIC AND FAUNISTIC RESEARCH PROGRAM ON AFRICAN LEPIDOPTERA AT THE AFRICAN NATURAL HISTORY RESEARCH TRUST (ANHRT)
- 09:45-10:00
(10 + 3 Min) Pritha Dey, Virendra Prasad. Uniyal, Kailash Chandra & Axel Hausmann
PATTERNS ALONG THE ELEVATION AND DNA BARCODING OF GEOMETRIDAE MOTHS FROM THE WESTERN HIMALAYA, INDIA
- 10:00-10:15
(10 + 3 Min) Feza Can, Zühal Okyar, Axel Hausmann
ADDITIONAL DATA FOR THE GENUS *LITHOSTEGE* HÜBNER [1825] 1816 (LEPIDOPTERA: GEOMETRIDAE) IN TURKEY WITH DNA-BASED IDENTIFICATIONS
- 10:15-10:45 COFFEE BREAK
- 10:45-11:00 **CLOSING CEREMONY**
- 11:00-11:10 Next Forum Herbulot
- 11:30-20:00 POST-CONGRESS TOUR, BLACK-FOREST

Friday

- 8:00-19:00 POST-CONGRESS TOUR, CITY TÜBINGEN & BURG HOHENZOLLERN
- 19:00-21:00 Dinner in Kickers-Clubrestaurant, Stuttgart