

Forum Herbulot Newsletter 2 (2)

October 2011



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Editorial

The Forum Herbulot Newsletter is a forum for all geometridologists for posting questions and loan requests, for announcing information and calls for cooperations. New, important literature on Geometridae is presented as well as new projects, expeditions, collections a.s.o. The newsletter is sent to all registered members of Forum Herbulot via e-mail. Please communicate all information you want to have included into the next issues of the newsletter to Axel Hausmann (Axel.Hausmann@zsm.mwn.de). This issue 2 (2) is, again, focused on the forthcoming Forum Herbulot 2012 in South Africa.

Second Circular on the Forum Herbulot 2012 (by Hermann Staude)

Hermann Staude, Martin Krüger and Jürgen Lenz would like to welcome you to FORUM HERBULOT 2012, in South Africa on Research into African Geometridae - Quo Vadis?

Date: 12-18 February 2012 (arrival 12 February, departure 18 February, conference 13-17 February).

Venue: Mogales Gate Biodiversity Centre, Hekpoort, Gauteng, South Africa.

Contact Person: Hermann Staude, hermann@busmark.co.za , +27 82 651 9004.

Dear Forum Herbulot Member,

This is a second circular reminding you of the upcoming event and updating you on the latest developments.

Information on the conference can be found on the FH website at:

http://www.herbulot.de/Herbulot_Reg/for_herb.htm

This includes full information about the conference and combined field activities including an illustrated list of Geometrid species so far recorded at the venue.

Some exciting news is that we put together 12 moth attractors, which will be set up all over the Mogales Gate reserve during the conference. In addition we have been given permission to access and trap in an area in the adjacent Magaliesberg at Nooitgedacht. This road provides access to various habitats from 1100m -1800m elevation through a number of habitats. This means that we will have ample traps spread over a wide area to ensure that delegates will not feel crowded.

We would like to urge all members who intend to participate in the conference and who have not yet registered to please do so as soon as possible. You can send us an e-mail upon which we will send you a registration letter.

We have limited space of accommodation at the Mogales Gate Bush Camp (22 delegates), which we have reserved for our overseas delegates. This accommodation consists of seven twin chalets with on suite bathrooms housing 14 delegates as well as a dormitory housing eight delegates with shared ablutions (see image of Bush Camp below). As mentioned in the first circular this accommodation is reserved on a first come basis with a deposit confirming your booking. The bush camp is right in the reserve and most conference meals will be held here. As far as overseas delegates are concerned we have to date 13 confirmed bookings and 8 delegates who have shown an intent of registering but who have not yet paid a deposit. As mentioned in the first circular additional accommodation, which is also included



in the conference fee, is available at Weavers Roost Resort some 4 kilometres away, but outside of the reserve.



Please note that all the accommodation mentioned above are shared rooms. There are a number of Hotels nearby should you wish to have private accommodation. Please contact us if you wish to make use of such accommodation. The cost of accommodation is not included in the conference fees.

We urge those registered members who have not yet supplied us with all their details to please do so as soon as possible. The minimum information required is:

Name of delegate:

Title:

Contact e-mail:

Mobile phone number if available:

Incoming flight details:

Outgoing flight details:

Presentation title (if a presentation is planned):

Presentation abstract:

We need the above information in order to coordinate Airport pick-ups and transfers and to prepare the program for the event.

The conference programme will be similar to those of previous FH conferences with a preference given to presentations dealing with the central theme but other presentations will also be welcome. In order to give us enough time to properly prepare the conference programme we would like your titles and abstracts submitted by 31 December 2011 as an absolute deadline.

Elsa Theron (elsa@busmark.co.za) has joined the team and will be handling the administration around the conference. Please do not hesitate to contact the team if you require any further information.

regards, the FH2012 team.



Opportunity to study geometrids at the Colorado State University (by Paul Opler)

We will certainly welcome any members of Forum Herbulot who wish to visit and study at Colorado State University after the joint SEL/LepSoc meeting in July 2012 in Denver. We will try to have our Geometridae in good condition for the meeting. Much of our material has been identified by Douglas Ferguson, Cliff Ferris, and Fred Rindge. It is especially strong in material from Arizona, California, Colorado, New Mexico and Wyoming. The excellent collection of Cliff Ferris is at his residence in nearby Laramie, Wyoming. Separate arrangements must be made with Cliff to view his material. I will be available after the Denver meeting to welcome visitors, and will be pleased to accommodate guests to the extent practicable. Any advanced notice is appreciated.

DNA Barcoding: 13,500 geometrid species done, data releases started (by Axel Hausmann)

By late October 2011, some 13,500 geometrid species have their DNA barcode (see <http://www.lepbarcoding.org/geometridae/index.php>), representing approximately 60% of the world's total number of 23,000 species. The project is progressing at a rapid pace and will be presented in a plenary lecture at the forthcoming 4th International Barcode of Life Conference in Adelaide (December 1st 2011). Data have been released and published for Bavarian geometrids (see newsletter 2/1) and for German Macrolepidoptera (see below). A large data release for the approximately 3,000 African geometrid species is planned for 2012.

Recent literature on the Geometridae

- Choi S-W & D Stüning 2011. Revision of the genus *Paraplaneta* Warren, 1895 (Lepidoptera: Geometridae, Larentiinae) from Southeast Asia. – *Zootaxa* 3038: 29-44.
- Han H & D Xue 2010. Fauna Sinica (Insecta Vol. 54) Lepidoptera, Geometridae, Geometrinae. – Science Press, Beijing, 787 pp.
- Hausmann A & P Huemer 2011. Taxonomic decision as a compromise: *Acasis appensata* (Eversmann, 1832) in Central Italy – a case of conflicting evidence between DNA barcode and morphology (Lepidoptera: Geometridae). *Zootaxa* (published late October)
- Hausmann A 2011. An integrative taxonomic approach to resolving some difficult questions in the Larentiinae of the Mediterranean region (Lepidoptera, Geometridae). – *Mitt. Münchn. Ent. Ges.* 101.
- Hausmann A, Haszprunar G, Segerer AH, Speidel W, Behounek G & PDN Hebert 2011. Now DNA-barcoded: The Butterflies and Larger Moths of Germany (Lepidoptera: Rhopalocera, Macroheterocera). – *Spixiana* 34 (1): 47-58, + 2 electronical appendices under www.zsm.mwn.de/spixiana/toc.htm.
- Mariott P 2011. Moths of Victoria 2/3: Geometridae – Larentiinae & Sterrhinae. – Entomological Society of Victoria, Impact Digital, 36 pp. + DVD
- Neuwerkerken EJ van, Kaila L, Kitching IJ, Kristensen NP, Lees DC, Minet J, Mitter C, Mutanen M, Regier JC, Simonsen TJ, Wahlberg N, Yen S-H, Zahiri R, Adamski D, Baixeras J, Bartsch D, Bengtsson BÅ, Brown JW, Bucheli SR, Davis DR, De Prins J, De Prins W, Epstein ME, Gentili-



Poole P, Gielis C, Hättenschwiler P, Hausmann A, Holloway JD, Kallies A, Karsholt O, Kawahara AY, Koster SJC, Kozlov MV, Lafontaine JD, Lamas G, Landry J-F, Lee S, Nuss M, Park K-T, Penz C, Rota J, Schmidt BC, Schintlmeister A, Sohn J-C, Solis MA, Tarmann GM, Warren AD, Weller S, Yakovlev RV, Zolotuhin VV & A Zwick 2011. Order Lepidoptera Linnaeus, 1758. In: Zhang Z-Q ed.: Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. Zootaxa (published late October)

Redondo V & J Gaston 2011. *Selidosema pyrenaearia* (Boisduval, 1840) bona species de la Peninsula Iberica y actualisacion de lase species ibericas de *Selidosema* Hübner [1823] del grupo *plumaria-brunnearia*. – Shilap Revta. lepid. 39 (156): 1-11.

Sihvonen P, Mutanen M, Kaila L, Brehm G, Hausmann A & HS Staude 2011. Comprehensive molecular sampling yields a robust phylogeny for geometrid moths (Lepidoptera: Geometridae) PLoS ONE 6(6): e20356. doi:10.1371/journal.pone.0020356.

As mentioned in the editorial, we encourage everybody to communicate to us any new and important references for this section. Please use the exact formal criteria for citations as presented here, since we have not the resources to do large-scale editing.

The Forum Herbulot Newsletter appears irregularly one or several times per year and will be posted on the Forum Herbulot webpage www.herbulot.de. Earlier issues can be accessed there. Membership in the Forum Herbulot initiative is free. For information contact Axel Hausmann Axel.Hausmann@zsm.mwn.de