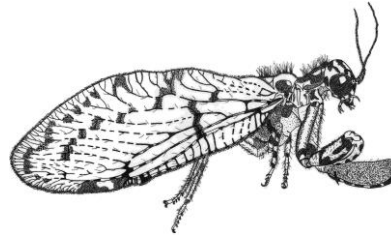


Lacewing News



NEWSLETTER OF THE INTERNATIONAL ASSOCIATION OF NEUROPTEROLOGY

No. 33

Autumn 2021

Presentation

Greetings once again to everyone. As you probably know, our International Symposium, planned for 2020 in Brasil, has been scheduled in 2022, May 22-27, due to some troubles caused by Covid 19, as first *virtual neuropterologist symposium*. As always, thanks to the few neuropterologists who kindly sent contributions, notes, and bibliographic references. Please send all communications concerning Lacewing News to agostino.letardi@enea.it (Agostino Letardi, photo on the left). Questions about the International Association of Neuropterology may be addressed to our current president, Dr. Xingyue Liu (photo on the right) (xingyue_liu@yahoo.com).



From right to left, the IAN president Xingyue Liu and the LN editor Agostino Letardi (photo Rinaldo Nicoli Aldini, in Laufen [DE] 2018)

From James E. Jepson and Colin Plant

(NoE: NeuroNews is back, yuhu!)

British Isles Lacewing and Allies Recording Scheme Relaunched

This September saw the relaunch of the recording scheme for the lacewings and allies of the British Isles with the organisational team of Colin Plant, James E. Jepson, and Ben Price. A new edition of the newsletter NeuroNews has been released for Autumn 2021, and the website, <https://lacewings.myspecies.info/>, is in the process of being updated with resources, such as identification guides for the British Isles species, information on how to submit records, and an archive of past newsletters. The British Isles has 8 families, 30 genera, and 79 species of Neuropterida recorded, in addition the scheme also covers Mecoptera, which has 2 families, 2 genera and 4 species recorded. The scheme hopes to encourage insect recorders in the British Isles to submit their records to boost the 26,323 records currently in the British Neuropterida database. If you would like to receive the newsletter NeuroNews and updates about the scheme, please email us at LacewingRS@gmail.com and we will add you to the mailing list.

From Eduardo I. Faúndez

A surprise to be sure, but a welcome one!
(Sheev Palpatine)

I recently bought a small lot of assorted Burmese amber for teaching purposes. Looking inside I saw a shape that clicked on my head, and yes it seems to be a snakefly, however it was extremely small (about 3mm). Just looking deep, I learned that from the same deposit in Kachin, Myanmar, there was described one of the smallest snakeflies ever, in the tribe Nanoraphidiini. It seems to fit there, but probably needs a lot more research to get a confident ID, in the meantime, enjoy this photo!



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From Andrew E. Whittington

Nomenclatural novelties published on optical discs.

One of the grey areas introduced in previous revisions of the International Code of Zoological Nomenclature by commissioners of the ICZN, was the use of optical discs - including Compact Discs (CDs) and Digital Versatile Discs (DVDs) - for 'publication' of nomenclatural novelties. The presentation of nomenclatural novelties on optical discs has, however, proven problematic - largely because the longevity of the medium is questionable and because these are not always properly assessed by abstracting services,

thereby rendering obscure any nomenclatural novelties included in them.

An interest group called the Linz Zoocode Committee, wishes to investigate any nomenclatural novelties so far published on optical discs. The Linz Zoocode Committee is a permanent group set up in charge of writing the Linz Zoocode, a set of new proposals regarding the terminology, the principles & rules of zoological nomenclature, with the aim to submit opinions/queries to the international community of zoologists. Ultimately, an underlying aim is to contribute to the continuous revision of the International Code of Zoological Nomenclature. As you can imagine, the publication of nomenclatural novelties on optical discs may result in 'untraceable' publications, in that these may not always be picked up by the abstraction indices and sometimes are not listed anywhere except in the original authors publication list, occasionally spilling out to specialist colleagues and societies.

To this end, The Linz Zoocode Committee would like to appeal to taxonomists as widely as possible to submit titles of papers that were published on optical discs and in which nomenclatural novelties were proposed. If you know of any such publications in any order of invertebrates, please provide the bibliographic data to me at: awhittington@flyevidence.co.uk. With hearty greetings to all Neuropterologists
Andrew Whittington
Kind regards,
Andrew

Andrew E Whittington
Consultant Entomologist, PhD, FRES MCSFS
Zootaxa Editor: Diptera & small orders of insects
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<https://www.linkedin.com/company/flyevidence/>

From John D. Oswald

Dear Colleagues,

For general security reasons the login password for the Lacewing Digital Library site will be changed in the next few days. If you would like the new login code, please contact me directly by email.

E-mail: j-oswald@tamu.edu

Meetings and research news

From Jan Podlesnik, Vesna Klokočovnik and Dušan Devetak

French-Slovenian cooperation in antlion studies



Vincent Lorent (right) and Jan Podlesnik in front of the Faculty of Natural Sciences, University of Maribor.



Vincent Lorent (front), Vesna Klokočovnik (left) and Jan Podlesnik (right) in the middle of discussion in the Maribor laboratory.

After the Covid crisis when most international collaborations were limited to online meetings, we were happy to meet again in person our colleague Prof. Dr. Vincent Lorent from Université Sorbonne Paris Nord. This collaboration with the Laser Physics Laboratory and the Laboratory of Experimental and Comparative Ethology has been going on for several years now.



Vincent Lorent (left) and Jan Podlesnik successfully testing the experimental setup in the Maribor laboratory.

This time Vincent Lorent visited our Laboratory of Animal Physiology and Ethology at the Department of Biology, FNM, University of Maribor for the third time. Our common interest in antlion physiology and ethology leads us from one project to another. While some of our joint projects have been completed with a publication (Podlesnik et al. 2019), our latest project dealing with prey localization in antlion larvae is also approaching this finish line. In the meantime, we have begun another project that will continue our fruitful collaboration.

Pit-building antlions are known to use their head and prothorax to throw sand. This behavior is used for building pits and cleaning the pit. The same behavior is sometimes used for other



Antlion pits in Dušan's outdoor laboratory. All photos D. Devetak.

purposes, such as throwing sand towards their prey, although the meaning of this behavior is not yet clear. We can also observe the throwing of sand for no apparent reason. In our upcoming study, we will focus on the latter two behaviors. During Prof. Vincent Lorent's short visit of, we worked on preparations for our next project. Besides work, we found time to exchange ideas on various occasions, be it a nice dinner at the Three Ponds restaurant in Maribor Park or a picnic at Dušan or Jan's place, discussing various topics, including antlions, of course.

Nouvelles Frontiers

Alice Carvalho Assmar
PhD student at Natural Resource Science
Department, McGill University, Canada.
E-mail: aliceassmar92@gmail.com

Dear colleague Neuropterologists, I would like to introduce myself to the community, and my PhD project. I am an evolutionary biologist from Brazil, currently focused on the evolution and biogeography of freshwater invertebrates, more

specifically the spongillaflies (Sisyridae). Since 2016 I have been working with the taxonomy of aquatic Neuropterida, when I initiated my undergrad research project, supervised by Dr. Frederico F. Salles, who is a specialist in Ephemeroptera. In 2017, I started my master's degree also in Brazil, working on the systematics of the genus *Climacia* McLachlan (Sisyridae). I did a taxonomic revision and proposed the first phylogenetic hypothesis based on morphological characters for the genus. During my Masters, I worked in the laboratory of a trichopterist specialist, Dr. Adolfo R. Calor and had an opportunity to meet and work with Dr. Oliver Flint



Dr. Oliver Flint, Alice Assmar during Smithsonian Institution Fellowship Program

(in memoriam) at the Smithsonian Institution after a fellowship that I was awarded, and supervised by Dr. Torsten Dikow.



Master's committee_Left_to_right- dr.Freddy Bravo, Alice Assmar, dr. Adolfo Calor, Dr.

Currently, I am a PhD student at McGill

University in Canada, and Dr. Jessica Gillung and Dr. Renato Machado are my supervisors. My project consists in the identification of evolutionary divergences and diversification patterns of the whole spongillafly family. We want to perform morphological and molecular analyses to understand what are the major processes driving the evolution and distribution of this family, and we most likely will use next generation sequencing methods. For this project, we are in contact with many researchers to acquire specimens from several continents. However, we will probably need more material to perform all analyses.



Night fieldwork, UV light trap

I intend to participate in the next International Symposium of Neuropterology, hosted in Lavras, Brazil, in 2022. It would be a great opportunity for me to get to know the neuropterologists from all over the world and exchange experience with you.

Please, feel comfortable to contact me in anytime.

My best wishes,

Alice.



Myself during fieldwork

Remember Klaus Hellrigl



Klausjörg Hellrigl (1935-2021)
In Memoriam

Klaus Hellrigl was mainly a Coleopterologist, nevertheless - as forest entomologist - he was deeply interested in Raphidioptera and Hemerobiidae, and his contributions on South Tyrol neuropteroфаuna were of considerable utility to improve the Italian studies on Neuropterida.

An obituary (in Italian) of Hellrigl could be found here <https://foresta.sisef.org/contents/?id=efor0051-018&lang=it>

Recent Literature on the Neuropterida (2021)

Organized by Agostino Letardi [reference number in BotN <https://lacewing.tamu.edu/Biblio/Main>]

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Picture of the semester



Egg clusters of *Mantispa styriaca* on a wooden window shutter

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Zeitschrift/Journal: [Lacewing News - Newsletter of the International Association of Neuropterology](#)

Jahr/Year: 2021

Band/Volume: [33](#)

Autor(en)/Author(s): diverse

Artikel/Article: [Lacewing News 33 1](#)