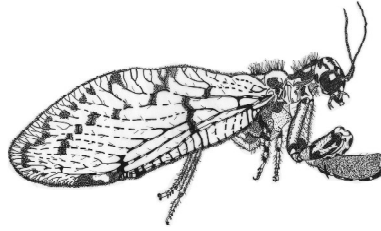


# Lacewing News



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NEWSLETTER OF THE INTERNATIONAL ASSOCIATION OF NEUROPTEROLOGY

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No. 22

Spring 2016

## Presentation

Greetings once again to everyone. Thanks to all enthusiast neuropterologists who kindly sent contributions, notes, and bibliographic references. Please send all communications concerning *Lacewing News* to [agostino.letardi@enea.it](mailto:agostino.letardi@enea.it) (Agostino Letardi). Questions about the International Association of Neuropterology may be addressed to our current president, Dr. Michael Ohl ([Michael.Ohl@mfn-berlin.de](mailto:Michael.Ohl@mfn-berlin.de)). Concerns about the XIII International Symposium on Neuropterology (Laufen on River Salzach 2018) should be directed to Dr. Axel Gruppe ([gruppe@wzw.tum.de](mailto:gruppe@wzw.tum.de)).



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## From Axel Gruppe

Dear Neuropterologists,

at the XII International Symposium on Neuropterology 2015 in Mexico City we made the offer to organize the XIII International Symposium on Neuropterology in Germany in 2018 and our proposal was accepted during the plenary meeting. The organizing committee consists of Axel Gruppe, Florian Weihrach and Michael Ohl. The ISN-2018 will be convened at the Bavarian Academy for Nature Conservation and Landscape Management in the small Bavarian town of Laufen on River Salzach, situated close to Salzburg directly on the border to Austria (<http://www.anl.bayern.de>), from 17.-21 June 2018. Following the symposium we are going to offer a one-week field trip for the collecting neuropterans in southern Bavaria. Unfortunately the symposium homepage is still under construction but will be available soon. Best wishes,

Axel, Florian and Michael

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## From Rinaldo Nicoli Aldini

**Prof. Maria Matilde Principi celebrated her hundredth birthday**

Professor Maria Matilde Principi, Director of the Institute of Entomology " Guido Grandi " for three decades and Emeritus of the *Alma Mater*

*Studiosum* (the University of Bologna), celebrated her 100<sup>th</sup> birthday on May 4, 2015.



The time of the toast: Prof. Ivano Dionigi, Rector of the University of Bologna, with Maria Matilde Principi.

No Italian entomologist had ever achieved such a milestone before. The celebrations were held at her home in Bologna. Among the participants — approx. thirty in all — were Prof. Ivano Dionigi, professor of Latin and Rector of the University of Bologna, Prof. Romano Dallai and Prof. Piero Cravedi, president and secretary, respectively, of the Italian National Academy of Entomology, former colleagues and



Prof. Stefano Maini of the University of Bologna (standing left) with Maria Matilde Principi.

entomologists at the University, students and

admirers of Prof. Principi (Professors Piero Baronio, Giovanni Burgio, Maria Luisa Dindo, Stefano Maini, Roberto A. Pantaleoni; Doctors Antonio Martini, Edison Pasqualini, Aldo Pollini, Rinaldo Nicoli Aldini), a few university administrators and employees who shared years of work with her, and some relatives.



Maria Matilde Principi with her disciple Prof. Roberto Pantaleoni.

Maria Matilde Principi was born in San Mariano, near Perugia, on May 4, 1915. In a short speech the afternoon of the celebrations, she looked back at her long life. After completing her university studies in Perugia, she served a long career at the prestigious Institute of Entomology of the University of Bologna, founded and directed for many years by her Master, Prof. Guido Grandi. Most recently, she gained the title of Professor emeritus. Her long life and career were largely devoted to academic commitments, teaching and researching. Her research mainly focused on the Neuroptera and the integrated crop protection. On this occasion, Prof. Dionigi presented Principi with a brooch with the *Sigillum Magnum* of the *Alma Mater Studiosum*. At the end of the afternoon and after a toast, a solo musician played classical pieces for strings. Because, unfortunately, Prof. Principi is almost completely blind, she often draws comfort from listening to classical music.

The celebrations were an unforgettable expression of the esteem, friendship, gratitude and warmth toward Maria Matilde Principi.

Well wishes from her disciple Prof. Roberto

Pantaleoni, who continues her studies on Neuroptera, appeared in the *Bulletin of Insectology* (n. 68 (1): 1) (see the link: <http://www.bulletinofinsectology.org/pdfarticles/vol68-2015-001-001editorial-pantaleoni.pdf> )

See also the link below:

<http://www.magazine.unibo.it/archivio/2015/05/05/le-cento-candeline-di-maria-matilde-principi>



Maria Matilde Principi and, behind her, Roberto Pantaleoni and Rinaldo Nicoli Aldini.

The hundredth and first birthday is now approaching: happy 101<sup>st</sup> birthday, Prof. Principi!

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### From Charles Henry

I thought that you might consider this link to a new web site, "The Global Lacewing Catch, designed to aid in the collection and identification of chrysopid species around the world. The link is < <http://lacewingproject.org/> >. As stated on the web site:

"Green lacewings are delicate, soft-bodied insects that are amazingly beneficial insects. All species are predators as larvae, their immature stage. They prefer to eat small, soft-bodied insects like aphids, caterpillars, and mites which are often pests for gardeners and large-scale farming. Green lacewings are used instead of or along with pesticides to try and biologically

control pest insects species, most commonly aphids. However, as pesticide use increases, invasive species become more prevalent and global climate change occurs, many species of green lacewings could be impacted. This citizen science project is aimed at collecting green lacewings from around the world so that we can study their genetics, distributions, discover new species and track green lacewings long-term for changes in distributions and genetic diversity."

This web site has been conceived, created and developed by a colleague of mine, Dr. Elizabeth Wade, a specialist in insect genomics and bioinformatics, currently in a Postdoctoral Research position at the USDA (U. S. Department of Agriculture, ARS division) in Florida. Others who will be closely involved in the project include myself (Charlie Henry, PhD, professor of Ecology and Evolutionary Biology, University of Connecticut), Dr. Marta Wells (PhD, senior lecturer, Ecology and Evolutionary Biology, Yale University), and Ms. Katie Taylor (graduate student, Ecology and Evolutionary Biology, University of Connecticut).

I hope the readers of the newsletter will find this interesting and worthwhile!

All my best wishes,  
Charlie

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### From Horst & Ulrike Aspöck

#### **Symposium on Anton Handlirsch (1865–1935) and his scientific work**

On 17 October 2015 the Austrian Entomological Society (Österreichische Entomologische Gesellschaft = ÖEG) organised a symposium devoted to Anton Handlirsch on the occasion of the 150<sup>th</sup> birthday of this great Austrian palaeoentomologist. It took place in the Natural History Museum of Vienna (Naturhistorisches Museum Wien), the place where Anton Handlirsch had been working from 1886 until his death in 1935. Three neuropterologists gave lectures: Horst Aspöck presented a detailed biography of Anton Handlirsch and outlined Handlirsch's relation to neuropterology. Wilfried Wichard presented a comprehensive review of Anton Handlirsch's opus magnum on "the fossil

insects and the phylogeny of the extant forms” (1906–1908) and other palaeoentomological works of A. Handlirsch and dealt particularly with the fossil Trichoptera. Michael Ohl spoke on Anton Handlirsch and the Hymenoptera. The symposium had a particular facette: Anton Streicher, the grand-grandson of Anton Handlirsch, was present and forwarded a trunk of reprints of publications of Anton Handlirsch (the so-called “Handlirsch-Koffer”) to Horst Aspöck as a personal gift.

Here are a few photographs of this event.



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Group photograph of some participants. First row, from left to right: Horst Aspöck, Anton Streicher (grand-grandson of Anton Handlirsch), Ulrike Aspöck, Wilfried Wichard; above him Michael Ohl and Hubert Rausch. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Horst Aspöck presenting his lecture on Anton Handlirsch's life and scientific work. (Photo archive H. & U. Aspöck.)

The three lectures gave rise to three publications which appeared in volume 23 of *ENTOMOLOGICA AUSTRIACA* (see “Recent literature on the Neuropterida”).



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Wilfried Wichard presenting his lecture on Anton Handlirsch and on fossil Trichoptera. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. From left to right: Horst Aspöck, Ulrike Aspöck, Anton Streicher (grand-grandson of Anton Handlirsch). (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Michael Ohl (left) and Dominique Zimmermann. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Michael Ohl presenting his lecture on Anton Handlirsch and the Hymenoptera. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Guide tour through the collection of fossil insects of the Museum. From left to right: Mathias Harzhauser (head of the Department of Palaeontology of the Natural History Museum Vienna) and Michael Ohl. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. From left to right: Michael Ohl, Hannes Paulus, Fritz Gusenleitner, Ulrike Aspöck, Horst Aspöck. (Photo archive H. & U. Aspöck.)



Handlirsch-Symposium, Natural History Museum, Vienna, 17 Oct 2015. Anton Streicher and Ulrike Aspöck in her working room. Probably this was the place (formerly an open part of a big hall) where Anton Handlirsch had been working for decades. (Photo archive H. & U. Aspöck.)

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## From Horst & Ulrike Aspöck

### Italian-Austrian cooperation in neuropterology

Cooperation of Italian and Austrian neuropterologists has already a tradition and has resulted in joint field trips and in several joint publications. Recently (29 February to 12 March 2016) we had the pleasure to welcome Davide Badano in Vienna and to continue our cooperation in the field of Myrmeleontiformia.

Here are several photographs documenting intellectually stimulating, fruitful and harmonic days.



1 March 2016, Welcome to the Natural History Museum Vienna. From left to right: Horst Aspöck, Ulrike Aspöck, Davide Badano. (Photo archive H. & U. Aspöck.)



5 March 2016, private institute of H. and U. Aspöck (KI). Ulrike Aspöck and Davide Badano discussing unidentified Myrmeleontidae. (Photo archive H. & U. Aspöck.)



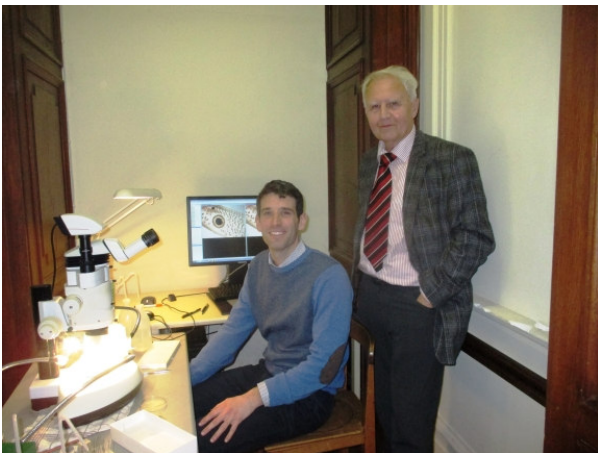
8 March 2016, Natural History Museum Vienna. Davide Badano and Ulrike Aspöck in her working room discussing Myrmeleontidae of the Hölzel collection. (Photo archive H. & U. Aspöck.)



7 March 2016, private institute of H. and U. Aspöck (KI). Ulrike Aspöck and Davide Badano discussing homology of genital sclerites in Myrmeleontiformia. (Photo archive H. & U. Aspöck.)



8 March 2016, Natural History Museum Vienna. Discussion with Elisabeth Haring (head of the Laboratory of Molecular Systematics) on a phylogenomic study on Myrmeleontidae. (Photo archive H. & U. Aspöck.)



8 March 2016, Natural History Museum Vienna. Davide Badano taking photographs of details of *Pseudimares aphrodite*. (Photo archive H. & U. Aspöck.)

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## News from the Net

### Remarkable butterfly look-alike lived 50 million years before butterflies appeared

by John Barrat



<http://smithsonianscience.si.edu/2016/02/remarkable-butterfly-look-alike-lived-50-million-years-butterflies-appeared/>

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### Neuropterologist's announcement

From Horst & Ulrike Aspöck

### Exchange of reprints and PDF files

For more than 50 years we have been exchanging reprints and now mainly PDF files with colleagues within the scientific community of neuropterologists. In recent years an increasing number of neuropterologists do not send their publications to other colleagues, but are apparently confident that everybody is automatically informed by one of the social networks or can inform himself/herself by checking the various databases. We regret this development and would like to ask all colleagues for sending us PDF files (or/and reprints) of their publications regularly. We will always confirm the receipt, of course. Our request pertains the whole field of neuropterology, of course; large revisions as well as short notes on extant as well as on fossil Neuropterida will be very welcome. The publications are deposited in the library of the Natural History Museum Vienna (NHM Wien) as well as in our private library. These libraries are certainly among the largest Neuropterida libraries in the world and will survive us and remain as long-lasting sources of information. We still have been distributing our publications to most colleagues. However, we do not want to molest our colleagues with papers which they perhaps neither need nor want. Therefore we are asking you for giving us a short message whether we should continue to send publications. Thank you for your help!

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### Funny neuropterology

**For all those, who think that green lacewings are not enough sexy**

From Peter Duelli

*This Bug Has Heard All Your Jokes About Its Head Already!*

<http://www.wired.com/2015/12/the-thing-on-this->

[bugs-head-is-exactly-what-you-think-it-is](#)



(N.o.E.: this animated gif is related to Duelli, P. 2004. Der Glenofinger, eine spektakuläre prothorakale Drüse bei einer afrotropischen Florfliege (Neuroptera, Chrysopidae). In: Aspöck, U. (eds.): Entomologie und Parasitologie - Festschrift zum 65. Geburtstag von Horst Aspöck, 640 pp. Denisia 13: 173-175.



If you are interested in, please see the link... I can not write more 'cause there are Lacewing New's readers younger than 18 years old ;-)

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### Funny neuropterology

From the net, without any comment...



<http://en.minghui.org/html/2007/8/18/88700.html>

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### Recent Literature on the Neuropterida (2015-2016)

Organized by Agostino Letardi with the support of John D. Oswald and BotN project  
(<http://lacewing.tamu.edu/bibliography/>)

- Aistleitner, E. 2015. Zur Taxonomie und Chorologie des Betischen Schmetterlingshaftes *Libelloides baeticus* (RAMBUR, 1842) mit Beschreibung einer neuen Unterart (Neuroptera, Ascalaphidae). *Linzer Biologische Beiträge* 47(2): 1287-1302. [r#15870].
- Aldrich, J. R.; Zhang, Q.-h. 2016. Chemical ecology of Neuroptera. *Annual Review of Entomology* 61: 197-218. doi: 10.1146/annurev-ento-010715-023507 [r#15871].
- Archibald, S. B.; Makarkin, V. N. 2015. The second genus and species of the extinct neuropteroid family Corydasialidae, from early Eocene McAbee, British Columbia, Canada: do they belong to Megaloptera?. *Zootaxa* 4040 (5): 569-575. doi: 10.11646/zootaxa.4040.5.5 [r#15841].
- Aspöck, H. 2016. Anton Handlirsch (1865–1935): Biographie und Beziehung zur Neuropterologie. *Entomologica Austriaca* 23: 119-150.
- Aspöck, H., Aspöck, U. 2016. Die Neuropterida Europas aus der Sicht von Klimawandel und Globalisierung *Deutsche Gesellschaft für allgemeine und angewandte Entomologie Nachrichten* 29(2): 14–19.
- Aspöck, U., Aspöck, H.; Haring, E. 2015. *Stilbopteryx* meets *Pseudimares* – a challenging hypothesis (Neuropterida: Neuroptera: Myrmeleontidae). 7<sup>th</sup> Dresden Meeting on Insect Phylogeny, September 25–27, 2015. Abstracts: 37.
- Aspöck, U., Aspöck, H. 2016. Neuropterida mittendrin – ein Science-Paper macht Furore! *Deutsche Gesellschaft für allgemeine und angewandte Entomologie Nachrichten* 29(2): 8–10.
- Bechly, G.; Makarkin, V. N. 2016. A new gigantic lacewing species (Insecta: Neuroptera) from the Lower Cretaceous of Brazil confirms the occurrence of Kalligrammatidae in the Americas. *Cretaceous Research* 58: 135-140. doi: 10.1016/j.cretres.2015.10.014 [r#15842].
- Bowles, D. E.; Sites, R. W. 2015. Alderflies, fishflies and dobsonflies (Insecta: Megaloptera) of the Interior Highlands, U.S.A. *Transactions of the American Entomological Society* 141:405-429 [r#15906].
- Bozsik, A. 2016. Is a true name a right name? What about *Chrysoperla carnea*? *Növényvédelmi Tudományos Napok* 62: 39. [r#15872].
- Breitkreuz, L. C. V. ; Winterton, S. L.; Engel, M. S. 2015. Revision of the green lacewing subgenus *Ankylopteryx* (*Sencera*) (Neuroptera, Chrysopidae). *ZooKeys* 541: 79-85. doi: 10.3897/zookeys.543.6476 [r#15873].
- Canard, M.; Cloupeau, R., Danflous, S.; Giacomino, M.; Jacquemin, G.; Thierry, D. 2015. Les Sisyridae d'Europe occidentale. Cartographie des espèces présentes en France (Neuroptera, Sisyridae). *Revue de l'Association Roussillonnaise d'Entomologie* 24(4): 181-191. [r#15859].
- Canard, M.; Thierry, D. 2015. *Chrysoperla renoni* (Lacroix, 1933) et *Chrysoperla ankylopteryformis* Monserrat & Díaz-Aranda, 1989 (Neuropterida: Chrysopidae): qui sont elles ? *L'Entomologiste* 71 (5): 277-281. [r#15861].



- Cancino-López, R. J.; Marquez-López, Y.; Contreras-Ramos, A. 2015. Mantíspidos (Neuroptera) del estado de Morelos, México: diversidad y distribución. *Dugesiana* 22(2): 201-208. [r#15874].
- Cover, M. R.; Seo, J. H.; Resh, V. H. 2015. Life history, burrowing behavior, and distribution of *Neohermes filicornis* (Megaloptera: Corydalidae), a long-lived aquatic insect in intermittent streams. *Western North American Naturalist* 75:474-490 [r#15860].
- Dallai, R.; Gottardo, M.; Beutel, R. G. 2016. Structure and evolution of Insect sperm: new interpretations in the age of phylogenomics. *Annual Review of Entomology* 61: 1-23. doi: 10.1146/annurev-ento-010715-023555 [r#15875].
- Denner, F. 2015. *Myrmeleon bore* (Tjeder, 1941) and *Myrmeleon inconspicuus* Rambur, 1842 (Neuroptera: Myrmeleontidae) new for Lower Austria. *Beiträge zur Entomofaunistik* 16: 21-29. [r#15876].
- Dunk, K., von der; Brünner, K. 2015. Entomologische untersuchungen im lebensraum „Eisgrube“, einer waldabteilung am Nordhang des Burgberges bei Erlangen (Mittelfranken, Nordbayern). *Galathea* 31: 5-22. [r#15877].
- Dunk, K., von der; Köstler, W.; Weltner, L. 2015. Fortsetzung der entomologischen erfassung der Burgfauna Bericht für 2015. *Galathea* 31: 33-41. [r#15878].
- Dunk, K., von der; Tannert, R.; Weltner, L.; Köstler, W. 2015. Erfassung wildlebender Insekten im tiergarten Nürnberg. *Galathea* 25 suppl.: 1-55. [r#15879].
- Dvořák, L. ; Gabriš, R. 2015. *Hypochrysa elegans* (Burmeister, 1839) (Neuroptera: Chrysopidae) – nová zlatoočka pro Čechy (*Hypochrysa elegans* (Burmeister, 1839) (Neuroptera: Chrysopidae) – new lacewing for Bohemia). *Západočeské entomologické listy* 6: 44–46. [r#15880].
- Fang, H.; Ren, D.; Wang, Y.-j. 2015. Familial clarification of Saucrosmylidae stat. nov. and new Saucrosmylids from Daohugou, China (Insecta, Neuroptera). *PLoS ONE* 10(10): e0141048. doi:10.1371/journal.pone.0141048 [r#15881].
- Ferreira, R. N. 2016. Two combined abnormalities in a male of *Corydalus cornutus* (Linnaeus, 1758) (Megaloptera: Corydalidae) from Connecticut (U.S.A.). *Arquivos Entomológicos* 15: 119-120. [r#15882].
- Flint, O. S., jr. 2015. Annotated checklist of the Neuropterida of Virginia (Arthropoda: Insecta). *Banisteria* 45:3-47 [r#15866].
- Foucher, J.; Barbier, S. 2016. Note sur la découverte de *Chrysoperla renoni* (Lacroix, 1933) en Loire-Atlantique (Neuroptera, Chrysopidae). *Invertébrés Armoricaïns* 14: 7-8. [r#15883].
- Freese, E. L.; Lago, P. K. 2015. First Report of *Leptomantispa pulchella* (Banks, 1912) (Neuroptera: Mantispidae) from Iowa. *Great Lakes Entomologist* 48:199-200 [r#15863].
- Hellrigl, K. 2015. Some new records of winged Insects in South Tyrol. *Forest Observer* 7: 107-120. [r#15884].
- Henry, C. S.; Brooks, S. J.; Johnson, J. B.; Haruyama, N.; Duelli, P.; Mochizuki, A. 2015. A new East-Asian species in the *Chrysoperla carnea*-group of cryptic lacewing species (Neuroptera: Chrysopidae) based on distinct larval morphology and a unique courtship song. *Zootaxa* 3918:194-208 [r#15849].

- Hristovski, S. et al. 2015. Diversity of invertebrates in the Republic of Macedonia. *Macedonian Journal of Ecology and Environment* 17(1): 5-44. [r#15885].
- Huang, D.; Azar, D.; Engel, M.S.; Cai, C.; Garrouste, R.; Nel, A. 2016. A new genus of alderflies (Megaloptera: Sialidae) in Upper Cretaceous Burmese amber. *Cretaceous Research* 64: 7-11. doi: 10.1016/j.cretres.2016.03.012 [r#15886].
- Jepson, J.E.; Heads, S.W. 2016. Fossil Megaloptera (Insecta: Neuropterida) from the Lower Cretaceous Crato Formation of Brazil. *Zootaxa* 4098(1): 134-144. doi: 10.11646/zootaxa.4098.1.5 [r#15887].
- Khramov, A.V.; Liu, Q.; Zhang, H.; Jarzembowski, E. A. 2016. Early green lacewings (Insecta: Neuroptera: Chrysopidae) from the Jurassic of China and Kazakhstan. *Papers in Palaeontology* 2(1): 25-39. doi: 10.1002/spp2.1024 [r#15888].
- Khramov, A. V.; Makarkin, V. N. 2015. New fossil Osmylopsychoptidae (Neuroptera) from the Early/Middle Jurassic of Kyrgyzstan, Central Asia. *Zootaxa* 4059(1): 115-132. doi: 10.11646/zootaxa.4059.1.6 [r#15858].
- Klokočovnik, V.; Hauptman, G.; Devetak, D. 2015. Effect of substrate temperature on behavioural plasticity in antlion larvae. *Behaviour* 153:31-48. doi: 10.1163/1568539X-00003322 [r#15889].
- Klokočovnik, V.; Šorgo, A.; Devetak, D. 2016. Hands-on Experiments on Predatory Behaviour with Antlion Larvae. *Journal of Biological Education* 50( ): 1-11. doi: 10.1080/00219266.2015.1117513 [r#15890].
- Krivokhatsky, V.A. 2015. Description of the Male of *Nuglerus maculatus* (Navás, 1915) with Comments on the Composition of the Genus *Nuglerus* Navás, 1912 (Neuroptera, Myrmeleontidae). *Entomological Review* 95(7):931-936. [r#15891].
- Krivokhatsky, V.A.; Prokopov, G.A. 2015. [Neuroptera, Mecoptera]. 8 species items. In: Ivanov, S.P.; Fateryga, A.V.(Eds.). Red Data Book of Republic of Crimea. Animals. Simferopol: Arial. 2015: pp. 139-145. [r#15892].
- Kuznetsova, V.G.; Khabiev, G. N.; Krivokhatsky, V.A. 2015. Chromosome numbers in antlions (Myrmeleontidae) and owlflies (Ascalaphidae) (Insecta, Neuroptera). *ZooKeys* 538: 47-61. doi: 10.3897/zookeys.538.6655 [r#15843].
- Labandeira, C. C.; Yang, Q.; Santiago-Blay, J. A.; Hotton, C. L.; Monteiro, A.; Wang, Y.-J.; Goreva, Y.; Shih, C.-K.; Siljeström, S.; Rose, T. R.; Dilcher, D. L.; Ren, D. 2016. The evolutionary convergence of mid-Mesozoic lacewings and Cenozoic butterflies. *Proceedings of the Royal Society B* 283: 1-9. 20152893. doi: 10.1098/rspb.2015.2893 [r#15893].
- Letardi, A. 2015. Stato delle conoscenze sui Neuropterida dei Monti Lepini (Lazio): 199-207. In: Corsetti, L.; Angelini, C.; Copiz, R.; Mattoccia, M.; Nardi, G. (eds) 2015. Biodiversità dei Monti Lepini. Atti del convegno Carpineto Romano (RM), 17 maggio 2014. Edizioni Belvedere, Latina, le scienze (25), 352 pp. ISBN 9788889504505 [r#15894].
- Liu, X.-y.; Hajong, S.R. 2015. *Inocellia indica* sp. nov. (Raphidioptera: Inocelliidae): a new snakefly species from northeastern India. *Zootaxa* 4040 (3): 393-400. doi: 10.11646/zootaxa.4040.3.10 [r#15895].

- Liu, X.-y.; Hayashi, F.; Yang, D. 2015. *Sialis primitivus* sp. nov. (Megaloptera: Sialidae), a remarkable new alderfly species from China. *Zootaxa* 4033 (4): 593-599. doi: 10.11646/zootaxa.4033.4.9 [r#15896].
- Liu, X.-y.; Lu, X.-m.; Zhang, W.-w. 2016. New genera and species of the minute snakeflies (Raphidioptera: Mesoraphidiidae: Nanoraphidiini) from the mid Cretaceous of Myanmar. *Zootaxa* 4103 (4): 301-324. doi: 10.11646/zootaxa.4103.4.1
- Liu, X.-y.; Lü, Y.; Aspöck, H.; Yang, D.; Aspöck, U. 2016. Homology of the genital sclerites of Megaloptera (Insecta: Neuropterida) and their phylogenetic relevance. *Systematic Entomology* 41: 256-286. doi: 10.1111/syen.12154 [r#15868].
- Liu, X.-y.; Winterton, S. L. 2016. A new fishfly species (Megaloptera: Corydalidae: *Neohermes* Banks) discovered from North America by a systematic revision, with phylogenetic and biogeographic implications. *PLoS ONE* 11(2): e0148319. doi:10.1371/journal.pone.0148319 [r#15897].
- Machado, R. J. P.; Krolow, T. K. 2016. A new species of *Spiroberotha* Adams 1989 (Neuroptera: Berothidae and the first record of the genus in Brazil. *Zootaxa* 4093(1): 127-134. doi: 10.11646/zootaxa.4093.1.8 [r#15869].
- Makarkin, V. N.; Perkovsky, E. E. 2016. An interesting new species of Sisyridae (Neuroptera) from the Upper Cretaceous Taimyr amber. *Cretaceous Research* 63: 170-176. [r#15671].
- Makarkin, V. N.; Ruchin, A. B. 2015. The extent of the knowledge of lacewings and snakeflies of the Republic of Mordovia, with recommendations for inclusion in the main lists of protected taxa. *Saransk; Pusta*, 15:133-141. [r#15857].
- Makarkin, V. N.; Shchurov, V. I. 2015. A contribution to the knowledge of Neuroptera and Raphidioptera of Krasnodar Region (Russia). *Caucasian Entomological Bulletin* 11(2):395-403. [r#15848].
- Martins, C. C.; de Souza Amorim, D. 2016. Brazilian dustywings (Neuroptera: Coniopterygidae): new species of *Incasemidalis* Meinander, 1972 and *Coniopteryx* Curtis, 1834, checklist and key for the Brazilian species. *Zootaxa* 4083(2): 257-289. doi: 10.11646/zootaxa.4083.2.6 [r#15898].
- Mirmoayedi, A.; Krivokhatsky, V. A.; Dobosz, R. 2015. Annotated check-list of the antlions of Iran (Neuroptera: Myrmeleontidae). *Acta entomologica silesiana* 23:1-16. [r#15840].
- Monserrat, V. J. 2015. Estrategias de defensa visual en los neuropterida ibéricos (Megaloptera, Raphidioptera, Neuroptera). *Boletín de la Sociedad Entomológica Aragonesa* 57: 459-480. [r#15864].
- Monserrat, V. J. 2016. Los crisópidos de la Península Ibérica y Baleares (Insecta, Neuropterida, Neuroptera: Chrysopidae). *Graellsia*, 72(1): e037 doi:10.3989/graeellsia.2016.v72.143 [r#15867].
- Nielsen, O. F. 2015. Danmarks netvinger. Danmarks Dyreliv, Bind 14. Apollo Booksellers, Vester Skernige, Danmark. 195 pp. [BotN ref#15913]
- Ohl, M. 2016. Horst Aspöck, encyclopedist and entomologist extraordinaire – a personal appreciation. *ZooKeys* 555:137–151. doi: 10.3897/zookeys.555.7410 [r#15899].
- Porcel, M.; Cotes, B.; Castro, J.; Campos M. 2016. The effect of resident vegetation cover on abundance and diversity of green lacewings (Neuroptera: Chrysopidae) on olive trees. *Journal of Pesticide Sciences*: 1-7. [r#15900].

- Prost, A. 2015. Notes sur la dispersion géographique en Afrique de quelques *Cymothales* (Neuroptera Myrmeleontidae Dendroleontini). *L'Entomologiste* 71(5): 351-352. [r#15901].
- Sarmiento-Cordero, M.; Contreras-Ramos, A.; Zaragoza-Caballero, S. 2015. Megaloptera (Neuropterida) de selvas secas de la vertiente del Pacífico Mexicano. *Dugesiana* 22(2): 243-249. [r#15902].
- Shimonoya, T. 2015. A new species of *Parachauliodes* (Megaloptera: Corydalidae) from Fukui Prefecture, Central Honshu, Japan. 福井市自然史博物館研究報告 [=Fukuishi Shizenshi Hakubutsukan Kenkyu Hokoku; =*Bulletin of the Fukui City Museum of Natural History*] 62:43-52. [r#15912].
- Sziráki, G.; Gröhn, C. 2015. Presence of two extant genera of dusty lacewings (Neuroptera: Coniopterygidae) in Baltic amber, with remarks on some earlier described fossil taxa. *Folia Historico Naturalia Musei Matraensis* 39: 63-71. [r#15910].
- Tauber, C. A.; Sosa, F. J. 2015. Rediscovery of *Nuvol umbrosus* Navás (Neuroptera, Chrysopidae, Leucochrysiini): a redescription and discussion. *ZooKeys* 519:141-153 [r#15908].
- Tillier, P. 2015. Raphidioptera et Neuroptera (Insecta, Neuropterida) du Parc national du Mercantour (France). In: Daugeron, C.; Deharveng, L.; Isaia, M.; Villemant, C.; Judson, M. (eds) 2015. Mercantour/Alpi Marittime All Taxa Biodiversity Inventory. *Zoosystema* 37(4): 581-594. <http://dx.doi.org/10.5252/z2015n4a4> [r#15865].
- Tillier, P.; Colombo, R. 2016. Présence de *Gymnocnemis variegata* (Schneider, 1845) dans l'Aveyron et le Gard (Neuroptera Myrmeleontidae). *L'Entomologiste* 72(1): 3-5. [r#15903].
- Trillo, M.C.; Ardila-Camacho, A.; Albo, M. J. 2015. Ocurrencia de mantispídeos (Neuroptera, Mantispidae) eclosionados de ootecas en tres especies de araña (Araneae: Trechaleidae) de Uruguay. *Boletín de la Sociedad de Zoología, Uruguay* 24(2): 198-205. [r#15862].
- Wagner, D. L.; Gagliardi, B. L. 2015. Hairstreaks (and other insects) feeding at galls, honeydew, extrafloral nectaries, sugar bait, cars, and other routine substrates. *American Entomologist* 61:160-167 [r#15834].
- Walochnik, J. 2016. Univ.-Prof. Dr. Horst Aspöck, Ehrenmitglied der Österreichischen Gesellschaft für Tropenmedizin, Parasitologie und Migrationsmedizin (ÖGTPM). *Entomologica Austriaca* 23: 185-189.
- Weltner, L. 2015. Aufnahmen mit dem Rasterelektronenmikroskop von *Chrysopa pallens* Rambur, 1838 (Chrysopidae, Neuroptera). *Galathea* 31: 43-44. [r#15904].
- Winterton, S. L.; Garzón-Orduña, I. J. 2015. A new species of *Glenochrysa* Esben-Petersen from Australia (Neuroptera, Chrysopidae). *ZooKeys* 541: 79-85. doi: 10.3897/zookeys.541.6643 [r#15905].

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