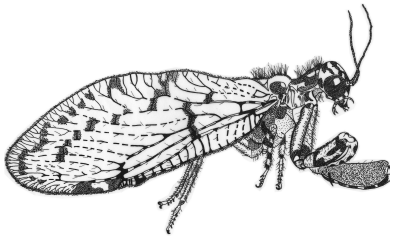
Lacewing News



NEWSLETTER OF THE INTERNATIONAL ASSOCIATION OF NEUROPTEROLOGY

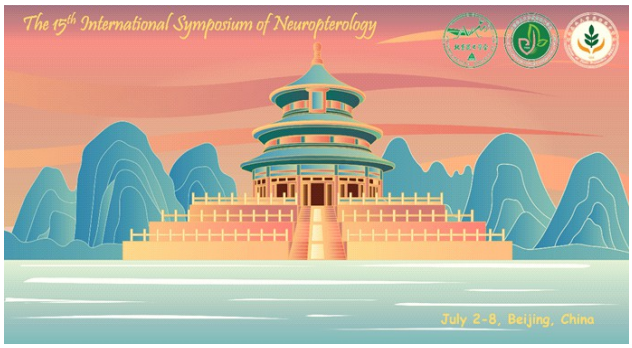
No. 40 Spring 2025

Presentation

Hi everyone! This newsletter is co-edited by Caleb Califre Martins and Agostino Letardi.
The next symposium will be held for the first time in China in 2025 and for any news, look forward to what our current IAN president, Xingyue Liu, will let us know.
All we have to do is therefore wish you a good read and always invite you to contribute your contributions to enrich our half-yearly newsletter.
Please send all communications concerning Lacewing News to agostino.letardi@enea.it or to calebcalifre@gmail.com. Questions about the International Association of Neuropterology may be addressed to our current president, Xingyue Liu (xingyue_liu@yahoo.com).

Agostino Letardi & Caleb Califre Martins

Co-editor of Lacewing News



From the president of IAN

XV International Symposium of Neuropterology

Hosted by

Entomological Society of Beijing

Co-organizer
China Agricultural University,
Hebei Agricultural University
International Association of Neuropterology

July 2-8, 2025

Dear participating colleagues of ISN2025,

We are sending mail to inform you of some updates regarding the conference venue and schedule:

1. Symposium Dates & Registration:

The symposium will be held in Beijing from July 2nd to 6th. (Registration will take place throughout July 2nd at the west campus of China Agricultural University.)

2. Post-symposium field training:

An optional field trip in Yi County, Hebei Province will be scheduled for July 7th–8th.

3. Registration Fee:

The welcome dinner, closing dinner, lunches and dinners and coffee breaks during the symposium in Beijing will all be free, while the post-symposium field training is optional and it requires an additional fee.

4. Symposium Format:

The symposium will be conducted in a hybrid format (both in-person and online).

Please refer to the 3rd round announcement of ISN2025 attached for detailed arrangements. Welcome your participation in either format and look forward to meeting you in Beijing!

Best regards,

ISN2025 Office

Xingyue Liu
Chair of the Local organizing committee
President of the International Association of Neuropterology

Registration form:

Name	Company	Position	e-mail	Listener or oral or poster	Whether attend the field trips	Single room or shared room with anyone (the field trips section)

Notes:
1. Those who attend the field trips, please submit the form before April 30, 2025. Others should also submit it before May 30, 2025.
2. The participant who will give an oral presentation or poster need to submit the abstract with the completed registration form together.
3. Please send the form to the conference team email 123456789@isn.com.

social meetings

From Agostino Letardi

The biennial entomological fair held in Modena (Entomodena) was the occasion for a quick but pleasant meeting with Davide Badano and Yuchen Zheng, of whom we have a photo sent by Yuchen and - surely - many future works in collaboration between the two Italian and Chinese colleagues.

From left to right, D. Badano, Y.-c. Zheng, and A. Letardi at Entomodena, April, 12th 2025. Photo D. Badano.

From: Caleb Califre Martins

Neuropterida at the VII Symposium on Neotropical Aquatic Insects

Between February 17 and 21, the VII Symposium on Neotropical Aquatic Insects was held in Belém, in the state of Pará, Brazil. The event, which took place in a friendly environment, brought together over 400 participants, including world-renowned professors and researchers as well as undergraduate students who are just beginning to enter the world of entomology. Participants

discussed a wide range of topics related to aquatic insects, including taxonomy, ecology, systematics, social importance, among others.

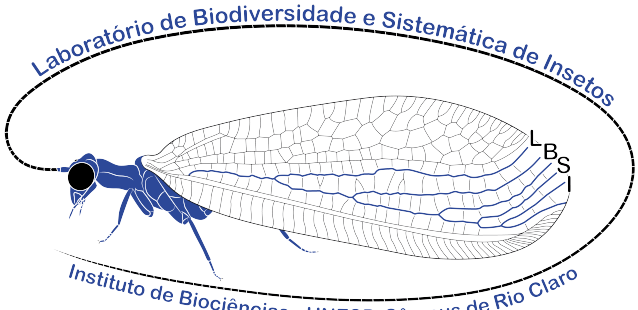
Some participants of the VII SIAN who study Neuropterida: 1) Katia

Justi; 2) Pedro H. M. Constancio Lima; 3) Caleb Califre Martins; 4) Atilano Contreras-Ramos; 5) Polianna Felix da Silva; 6) Gustavo V. Cunha; 7) Ivirlane N. C. de Oliveira; 8) Maria Aparecida de G. Almeida; 9) Maria Braga; 10) Gabriel Costa Lira

Among the many studies presented, 13 were directly related to Neuropterida—12 on Megaloptera and 1 on Neuroptera. Topics covered included: phoresy in larvae of *Corydalus affinis* Burmeister, 1839 and *C. diasi* Navás, 1915; predatory behavior and stomach content of *C. affinis*; the discovery of the male of *C. amazonas* Contreras-Ramos, 1998 and discussion of its unusual genitalia; syntheses and first records of Megaloptera for different Brazilian states (Paraná, Paraíba, and Sergipe); geometric morphometrics for identifying female Megaloptera; morphological variation in *C. diasi*; discussions on species nomenclature of *Ilyobius* Enderlein, 1910; the first phylogeny of *Ilyobius*; Megaloptera specimens from the Prof. J.M.F. Camargo Entomological Collection at FFCLRP, USP, Ribeirão Preto, SP; and the first record of Sisyridae in the state of Maranhão, Brazil.

The event was important for showing that research on Neuropterida in the Neotropical region—especially in Brazil—is gaining more attention and, most importantly, is beginning to train more students to study the diversity of this fascinating group in the region. Among the leading research groups in Brazil working on Neuropterida that were present at the event, the groups led by Prof. Dr. Neusa Hamada, Prof. Dr. Atilano Contreras-Ramos and Prof. Dr. Carlos Azevedo stand out. Recently, my (Caleb Califre Martins) research group and laboratory (Laboratory of Insect Biodiversity and Systematics) were officially established and already include some students who were present at the event.

If anyone is interested in the abstracts, feel free to contact me and I'll be happy to send them.



Logo of Laboratory of Insect Biodiversity and Systematics, coordinated by Caleb Califre Martins

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From: Peter Duelli

African Chrysopidae

Glenochrysa ohmi, Tsitsikama ZA

In the last 20 years I have worked a lot on African Chrysopidae. But with the Nagoya protocol it has become almost impossible for a private person to collect lacewings in Africa. Also, African entomologists have difficulties to send material for identification to Switzerland. At the age of 80, I no longer want to go through the nightmares of fighting for expensive collection and export permits. But it is a pity to realize that my expertise on African chrysopids is going to

waste. If you know of a person who has African material to identify, please notify them and/or me.

Peter Duelli, peter.duelli@wsl.ch

From: John D. Oswald

Lacewing Digital Library Update

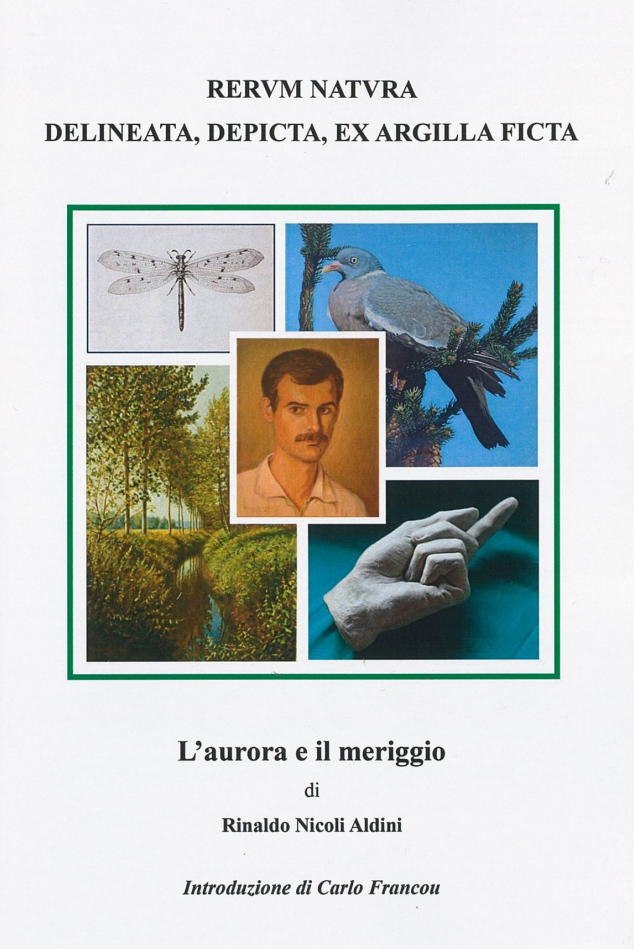
Between November 2024 and February 2025 the LDL Team completed the implementation of a new login system for the Lacewing Digital Library (LDL) project website. During this time, we also made several modifications to the project that have the goal of building a more distributed and sustainable base of support for the future maintenance and growth of this important project for the neuropterology community, particularly after my retirement. The most important and visible changes that we have made so far are (1) the development of a formal, structured LDL Contributors Program, and (2) the implementation of a two-tier resource access model. The first change gives the LDL project a way to formally recognize and credit contributions to the LDL's general resource pools (e.g., images, PDFs, georeferenced data); the second change gives the LDL project a way to meaningfully reward contributors to the project – by providing contributors with access to resources that are not available to others. While some of the LDL's data remains open-access, access to many of the project's more detailed data now requires contributor status under the new LDL Contributors Program. Additional information on the LDL Contributors program and new access model can be found on the LDL Contributors page – https://lacewing.tamu.edu/HomePage/Contributors

We send our thanks out to the first 25 formal contributors – from 14 different countries – who are now enrolled as the first generation of project supporters under the new LDL Contributors Program. We hope that this number will continue to grow into the future. The quality, quantity, and finger-tip availability of the extensive data contained in the current nine publications of the LDL represent a solid return on the investment of a few hours of time each year in the project by every active member of the neuropterology community. It is important to also acknowledge the many neuropterists who have made undocumented contributions to the development of the LDL project between its inception in 2007 to 2024 – we hope that you will continue to support the project under the new LDL Contributors program, so that your future contributions can be more formally acknowledged and recognized. The decision to transition the LDL project from a strictly open-access model to a two-tier access model has been a difficult one, but a necessary evolutionary step in the project's growth and maturation. As my personal role in the LDL project transitions from founder and chief sustainer to supporter, it will be necessary to identify new leadership for the project if the neuropterology community wishes to maintain and further develop it. In the end, the LDL project can only reach its full potential to support our community if the relationship of active neuropterists to the project shifts from primarily a user focus to a more active contributor focus.

The LDL Team is also pleased to announce that the LDL project now includes an extensive array of new, contributor-access, graphics-display functionality. The new functionality, first implemented in February 2025, has been released initially in ver-sion 13.3 of the Bibliography of the Neuropterida and version 9.1 of the Neuropterida Species of the World, but we expect to expand this functionality into additional LDL publications in the future. The new functionality includes three image-display 'modes': (1) 'gallery mode' – for display of multiple small images in an image grid; (2) 'pop up mode' - for display of individual images, together with associated caption and credit data, in moderate-sized pop-up windows; and (3) 'page mode' – for display of individual images (with caption and credit data) in screen-width windows. Pop-up and Page modes also allow users to customize image display through icon controls for scrolling (up, down, left, right), zoom (in, out), window fit (height, width), rotate (left, right), flip (horizontal, vertical), and reset original. The initial LDL image library contains a modest 'starter set' of ca. 700 images, clipped from a small number of previous fixed publications – so we still have a long way to go to provide a good selection of images for the nearly 7900 valid Neuropterida species. We hope to steadily increase the size of the LDL image library in the

coming years through the efforts of the LDL Contributors program, so please consider becoming an LDL Contributor through an image contribution. As the image library continues to expand, we will experiment with new LDL publications and features – like digital keys and programmatically-generated 'image panels' – that can capitalize on a mixture of text data and the visual information captured in images.

From: Agostino Letardi



Dr. Rinaldo Nicoli Aldini, a talented artist as well as an expert entomologist, recently retired from his position at the university (with which he continues to collaborate), has published a very pleasant little book with some of his artistic creations, including some entomological illustrations of Neuroptera.

Nicoli Aldini, R. 2024. Rervm Natvra delineata, depicta, ex argilla ficta. @ll.net multicentre service, Università Cattolica del Sacro Cuore, Milano – Piacenza. 99 pp.

From: Johanna VILLENAVE

Dear Agostino,
I hope you are fine.
Unfortunately, I just learned the death of Michel Canard (the last year, in April 2024) and that of Dominique Thierry (March 2025).
I'd like to pay tribute to them by writing a few lines about their contribution on Neuroptera. It was my two mentors.
What do you think? Perhaps others neuropterologist can contribute ?
Sincerely,

Johanna

(While waiting for an obituary, I'm posting a couple of photos from my personal photo archive of the neuropterologists I've had the privilege of knowing. AL)

Dominique Thierry, Mihaela Paulian and Michel Canard in Debrecen, 2003

Dominique Thierry (on the right near my wife Licia) in Laufen, 2018

Recent Literature on the Neuropterida (2024-2025)
Organized by Agostino Letardi and Caleb Califre Martins
[r#XXXXX = reference numbers in Oswald's BotN]

Aistleitner, E.; Duelli, P.; Gruppe, A. 2024: Weitere Daten zur Netzflüglerfauna der Kapverden (Neuroptera: Chrysopidae, Hemerobiidae). *Mitteilungen der internationalen entomologischen Vereinigung Frankfurt am Main* 46(1/2):7-12.

Apel, A.; Hörren, T.; Kathe, W.; Melcher, H.; Potel; S.; Scheikh, S.; Schlebusch, L.; Gruppe, A. 2025: Aktuelle Nachweise von Netzflüglern aus den Landkreisen Uelzen und Gifhorn (Neuropterida: Neuroptera). *Artenfocus Niedersachsen* 2: 39-49. https://www.nlwkn.niedersachsen.de/artenfocus-niedersachsen/artenfocus-niedersachsen-231947.htm

Ardila-Camacho, A.; Contreras-Ramos, A. 2025. Phylogenetic position of the subfamily Symphrasinae (Insecta: Neuroptera), its intergeneric relationships and evolution of the raptorial condition within Mantispoidea. *Invertebrate Systematics* 39: IS24033, 29pp. doi:10.1071/IS24033

Ascenzi, A.; Nania, D.; Cristiano, A.; Badano, D.; Pacifici, M.; Cerretti, P. 2025. Neglected predatory insect trigger potential key biodiversity areas in threatened coastal habitats. *Biodiversity and Conservation*, 18 pp. https://doi.org/10.1007/s10531-025-03035-8

Aspöck, U.; Winkler, V.; Aspöck, H.; Gruppe, A.; Metscher, B. 2025. First description of an intact copula in Coniopterygidae (Insecta: Neuropterida: Neuroptera) based on microCT imaging. *Zoologischer Anzeiger - A Journal of Comparative Zoology* 314: 24-29. doi 10.1016/j.jcz.2024.10.011

Berteloot, O. H.; Peusens, G.; Beliën, T.; Van Leeuwen, T.; De Clercq, P. 2024. Predation efficacy of *Chrysoperla carnea* on two economically important stink bugs. *Biological Control* 196: 105586 7pp.

Bueno, G. M.; Machado, R. J. P.; Martins, C. C.; Ribeiro, G. C. 2025. Taxonomic reassessment of the genera *Blittersdorffia* and *Diegopteryx* (Neuroptera, Myrmeleontidae) from the Lower Cretaceous Crato Formation with the description of three new species. *Cretaceous Research* 169: 106081, 16pp.

Cannings, R. J.; Tavares, L. G. M.; Cannings, R. A. 2024. Chaetoleon pusillus (Neuroptera: Myrmeleontidae: Brachynemurini), a new genus and species of antlion for Canada. Journal of the Entomological Society of British Columbia 121: e2597.

Dobosz, R.; Abraham, L.; Bakowski, M. 2024. *Nadus overlaeti* (Navás, 1931) redescribed—new to the fauna of Mozambique, Namibia and Tanzania (Neuroptera: Myrmeleontidae). *Zootaxa* 5529(3): 583-592. https://doi.org/10.11646/zootaxa.5529.3.9

Duelli, P.; Kock, B.; Henry, C. S. 2024. Who decides whether two lacewing populations (Neuroptera, Chrysopidae) are two different species, them or us? *Zootaxa* 5543(2): 265-275.

Ehlers, S.; Li, H.; Kirschey, L.; Ohl, M. 2024. A new species of the mantidfly genus *Euclimacia* from Vietnam (Neuroptera, Mantispidae). *Deutsche Entomologische Zeitschrift* 71(2): 255-264.

Fernandes, V, J.; Aguiar-Menezes, E. L.; Guerra, J. G. M.; Mendonça, C. B. C.; Gonçalves-esteves, V.; Costa-Rouws, J. R.; de Souza, T. S. 2025. Pollens of Fabaceae and Poaceae Alone or Combined with Honey Solution? Suitable Diet for Adults of *Chrysoperla externa* (Hagen)

(Neuroptera: Chrysopidae). Neotropical Entomology 54: 8. https://doi.org/10.1007/s13744-024-01216-8

Frapa, P. 2024. Synthèse des connaissances faunistiques sur la commune d'Entrevennes et les communes voisines - ZNIEFF des Pénitents (FR930020518) (Alpes-de-Haute-Provence - France) - Mise à jour & Corrigenda. *Nature de Provence - Revue du CEN PACA* 1: 1-176.

Girelli, RM. E.; Miranda Tavares, L. G.; Pires Machado, R. J. 2024. Taxonomical and biological notes on *Argentoleon irrigatus* (Gerstaecker) (Neuroptera: Myrmeleontidae). *Zootaxa* 5538(5): 401-423. https://doi.org/10.11646/zootaxa.5538.5.1

González-Ruiz, R.; Gómez-Guzmán, J.A.; Cordovilla, M.P. 2024. Pests and Infectious Diseases of Olive Trees in Spain, and Main Control Strategies. In: Muñoz-Rojas, J.; García-Ruiz, R. (eds). The Olive Landscapes of the Mediterranean. Landscape Series, vol 36. Springer, Cham. https://doi.org/10.1007/978-3-031-57956-1_7

Gruppe, A.; Orendt, C.; Klos, D. 2025. Neue Nachweise der Schlammfliege Sialis sordida Klingstedt, 1932 in Bayern (Insecta: Megaloptera: Sialidae). *Nachrichtenblatt der Bayerischen Entomologen* 74(1/2):23-29.

Haug, C. ; Braig, F.; Linhart, S. J.; Briggs, D. E. G.; Melzer, R. R.; Caballero, A.; Fu, Y.; Haug, G. T.; Hörnig, M. K.; Haug, J. T. Cretaceous lacewing larvae with binocular vision demonstrate the convergent evolution of sophisticated simple eyes. Insect Science 0: 1-12. https://doi.org/10.1111/1744-7917.13509

Haug, J.T.; Linhart, S.; Baranov, V.; Haug, C. 2024. Eocene and modern entomofauna differ—a Cretaceous-like larva in Rovno amber. *Insect Science* 32: 712-718. DOI 10.1111/1744-7917.13410

Hiermann, U.; Gruppe, A. 2024. Schedls Taghaft (*Hemerobius schedli* Hölzel, 1970) und Eichenwipfel-Taghaft (*Sympherobius klapaleki* Zeleny, 1963) – zwei neue Netzflügler (Neuroptera: Hemerobiidae) für Vorarlberg (Austria occ.). *inatura – Forschung online* 126: 1-4. www.inatura.at/forschung-online/ForschOn_2024_126_0001-0004.pdf

Karkuzhali, N.; Johnson Thangaraj Edward, Y. S.; Chitra, N.; Senthilkumar, M.; Ramalingam, J. 2025. Unveiling the diversity of gut microbes in green lacewings (Chrysopidae: Neuroptera) and their role as protagonist in nutrition. *Archives of Microbiology* 207:100. 16pp. https://doi.org/10.1007/s00203-025-04289

Koczor, S.; Szentkirályi, F.; Vuts, J.; Caulfield, J. C.; Withall, D. M.; Pickett, J. A.; Birkett, M. A.;. Tóth, M. 2025. Species- and context-dependent responses of green lacewings suggest a complex ecological rôle for methyl salicylate (Neuroptera: Chrysopidae). *Scientific Reports* 15:12777 10pp. https://doi.org/10.1038/s41598-025-96730-z

Jarzembowski, E. A. 2024. British and Irish insects ; the first 408 million years. *Antenna* 48(2): 76-83.

Lai, Y.; Du, S.; Li, H.; Zheng, Y.; Ardila-Camacho, A.; Aspöck, U.; Aspöck, H.; Yang, D.; Zhang, F.; Liu, X.-y. 2024. Lacewing-specific Universal Single Copy Orthologs designed towards rescolution of backbone phylogeny of Neuropterida. *Systematic Entomology* XY: 1-16. https://doi.org/10.1111/syen.12657

Letardi, A. 2024. I Neuropterida italiani nel progetto di community science di iNaturalist: prospettive e confronti con i database nazionali ufficiali. Programma dei lavori e Riassunti delle comunicazioni. “Come cambia la biodiversità in Italia Strumenti, Banche Dati, Citizen Science”. Grosseto, 25-27 ottobre 2024, p. 23. https://iris.enea.it/handle/20.500.12079/78627

Letardi, A. 2024. A virtuous alliance between ecologists, taxonomists and citizens. Presentato al Simposio “Cambiamento della biodiversità nell’Antropocene: priorità per la Ricerca”, Fano (PU) 10-11 aprile 2024. In: Azzurro E., Bongiorni L., Cherubini L., Pollegioni P., Fontaneto D., Rosati I. eds. 2024. Biodiversity Change in the Anthropocene: Priorities for research. Book of Abstract. April 10th, 11th 2024, No. 704. Rome, CNR. https://doi.org/10.32095/BIOCHANGE2024

Letardi, A. 2025. New data on some dobsonflies and fishflies (Megaloptera: Corydalidae) from Vietnam. *Onychium* 18(2): 51-63.

Letardi A., Benelli M., Carraretto M., Nappini S. 2024. Nota su alcuni neurotteri raccolti con trappole attrattive aeree in Sardegna (Raphidioptera, Raphidiidae; Neuroptera, Chrysopidae, Mantispidae, Myrmeleontidae, Nevrorthidae). *Bollettino dell’Associazione Romana di Entomologia*, N.S., 5(1-4): 1-8. https://hdl.handle.net/20.500.12079/78987

Li, D.; Aspöck, U.; Aspöck, H.; Liu, X.-y. 2024. Two new species of the beaded lacewing genus *Asadeteva* (Neuroptera: Berothidae) from Thailand. *Acta Entomologica Musei Nationalis Pragae* 64(2): 299-305.

Li, Z.; Zheng, Y.; Wang, Y.; Liu, X.-y. 2025. A revision of the *Osmylus hyalinatus* species group (Neuroptera: Osmylidae), with description of seven new species. *Journal of Natural History* 59: 849-893. https://doi.org/10.1080/00222933.2025.2468673

Machado, R. J. P.; Zheng, Y.; Liu, X.-y. 2025. A new species of the antlion genus *Ecualeon* Stange (Neuroptera: Myrmeleontidae: Myrmeleontinae) from Peru. *Revista Brasileira de Entomologia* 69(1): e20240136. https://doi.org/10.1590/1806-9665-RBENT-2024-0136

Makarkin, V. N.; Perkovsky, E. E.; Nielsen, C. 2025. A new genus of Drepanicinae (Neuroptera: Mantispidae) from the earliest Eocene Fur Formation, Denmark. *Zootaxa* 5570(3): 583-590.

Makarkin, V. N.; Wedmann, S. 2024. A new species of Hemerobiidae (Neuroptera) from the late Eocene Rovno amber. *Zootaxa* 5538 (6): 595-600. https://doi.org/10.11646/zootaxa.5538.6.6

Martins, C. C.; Câmara, J. T.; Rafael, J.A. 2024. The state of the art of the Brazilian Megaloptera (Insecta: Neuropterida). *Zoologia* 41: e23095. 14pp. https://doi.org/10.1590/S1984-4689.v41.e23095

Monserrat, V. J. 2022. Los Neuropterida de la Península Ibérica y Baleres. *MONOGRAFÍAS de la Sociedad Entomologica Aragonesa* 16: 1-719.

Monserrat, V. J.; Gavira, O. 2025. Wing Variability in Some Andean Brown Lacewing Insects as an Adaptive Survival Strategy (Insecta, Neuropterida, Neuroptera: Hemerobiidae). *Insects* 16, 401. 16 pp. https://doi.org/10.3390/insects16040401

Monserrat, V. J.; Nazari, V. 2024. Insects in Mythology and Religion. Chapter five, 97-120. In: AAVV. 2024. A cultural history of insects. Bloomsbury Academic: London; New York, 6 volumes. Vol.2, 235 pp.

Monserrat, V. J.; Nazari, V. 2024. Insects as symbols. Chapter six, 121-145. In: AAVV. 2024. A cultural history of insects. Bloomsbury Academic: London; New York, 6 volumes. Vol.2, 235 pp.

Nakamine, H. 2025. A new synonym of Isoscelipteron pectinatum (Navás, 1905) (Neuroptera: Berothidae) from Japan. Journal of Insect Biodiversity 63(1): 026–029. https://doi.org/10.12976/jib/2025.63.1.3

Palandi, A. N. ; Custódio, R.H. ; Gonçalves, T.B. ; Martins, C.C. ; de Souza, M. M. 2025. Use of McPhail traps for sampling adults of Osmylidae (Insecta: Neuroptera). *Revista Chilena de Entomología* 51 (1): 133-137. https://doi.org/10.35249/rche.51.1.25.13

Poggi, R. 2024. Gli Ascalaphidae del Museo Civico di Storia Naturale "G. Doria" di Genova (Neuroptera). *Annali del Museo Civico di Storia Naturale "G. Doria"* 117: 1-43.

Pozos-López, L. Á.; González-Ruiz, N.; Ramírez-Pulido, J. 2024. Unusual importance of insectivory in the diet of the Neotropical otter, *Lontra annectens* (Major, 1897) (Mammalia, Carnivora). *Neotropical Biology and Conservation* 19(4): 505-516. https://doi.org/10.3897/neotropical.19.e131700

Serediuk, H.; da Silva, C. Y. ; Paniw, M. 2025. Antlions (Myrmeleontidae) of Doñana National Park (Spain). *Boletín de la Asociación española de Entomología* (1-2): 43-60. https://doi.org/10.70186/baeeJLBS4506

Shakoor, M.W.; Mirza, J.H.; Kamran, M.; Alatawi, F.J. 2025. Lifecycle Completion and Reproductive Improvement of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae), Following a Prey Shift Routine During Larval Development. *Biology* 14 (10): 1-9. https://doi.org/10.3390/biology14010010

Subramanian, K.A.; Dej Vignesh, K. 2024. Fauna of IndiaChecklist: Arthropoda: Insecta: Raphidioptera. Version 1.0. *Zoological Survey of India online* 4 pp. DOI: https://doi.org/10.26515/Fauna/1/2023/Arthropoda:Insecta:Raphidioptera

Szanyi, K.; Nagy, A.; O˝sz, A.; Ábrahám, L.; Molnár, A.; Tóth, M.; Szanyi, S. 2025. Nontarget Catches of Green and Brown Lacewings (Insecta: Neuroptera: Chrysopidae, Hemerobiidae) Collected by Lightand Volatile-Baited Traps in the Transcarpathian Lowland (W Ukraine). *Insects* 16 (74): 1-7. https://doi.org/10.3390/insects16010074

Sziráki, G. 2024. A contribution to the knowledge of Coniopterygidae (Neuroptera) in Madagascar: genera *Nimboa* Navás, 1925 and *Semidalis* Endelein, 1905. *Folia Historico-Naturalia Musei Matraensis* 48:109-118. https://doi.org/10.69595/FoliaNatMatra.2024.48.11

Tauber, C. A. 2025. Two new species in the green lacewing genus *Santocellus* (Neuroptera, Chrysopidae, Leucochrysini). *ZooKeys* 1226: 195-215. DOI: 10.3897/zookeys.1226.140386

Tillier, P. 2024. *Myrmecaelurus trigrammus* (Pallas, 1771), un fourmilion fréquent dans le Bassin du Salagou (Neuroptera, Myrmeleontidae). *Revue de l'Association Roussillonnaise d'Entomologie* 114: 337-341.

Tillier, P.; Parmain, G. 2025. Nouvelles captures et description de la femelle de *Venustoraphidia conviventibus* Monserrat & Papenberg, 2012 (Raphidioptera, Raphidiidae). *Bulletin de la Société entomologique de France* 130 (1): 123-127. https://doi.org/10.32475/bsef_2374

Tusun, S.; Satar, A. 2025. Morphological description of the third instar larva of the rare genus *Iranoidricerus* (Abraham & Meszaros 2002) (Neuroptera: Ascalaphidae). *Munis Entomology & Zoology* 20 (2): 2380-2386.

Wachkoo, A. A.; Kaur, S.; Akbar, S. A.; Hassan, M. A.; Pandher M. S.; Oswald, J. D. 2024. Catalog of the Neuropterida of India (Insecta: Neuroptera, Megaloptera, Raphidioptera). *Zootaxa* 5544(1): 001–128.

Waleed Shakoor, M.; Kamran, M.; Jaber Alatawi,F. 2025. Biology and predation of the *Chrysoperla carnea* (Stephens) (Insecta: Neuroptera: Chrysopidae) feeding on two important spider mite pests (Acari: Tetranychidae) under low humidity. *Experimental and Applied Acarology* 94:51 14 pp. https://doi.org/10.1007/s10493-025-01016-8

Wang, M.-z.; Lai, Y.; Liu, X.-y. 2025. The green lacewing genus *Kuwayamachrysa* Tsukaguchi & Tago, 2018 from China, with description of two new species based on morphological and molecular evidence. *Zootaxa* 5570(1): 138-150.

Weiss, M.; Leese, F. 2025. Population genetic data (COI, ddRAD) of *Sialis lutaria* (Insecta, Megaloptera) from the Emscher catchment (Germany). *Biodiversity Data Journal* 13: e141997. https://doi.org/10.3897/BDJ.13.e141997

Wu, J.-y.; Liu, X.-y. 2024. Systematics of the green lacewing tribe Ankylopterygini Navás, 1910 (Neuroptera: Chrysopidae: Chrysopinae) from China. *Zootaxa* 5540(1): 001-169. https://doi.org/10.11646/zootaxa.5540.1.1

Zhang, R.; Tian, S.; Liu, X.-y.; Wang, Y. 2025. The complete mitochondrial genome of *Thyridosmylus trimaculatus* Wang, Du et Liu, 2008 (Neuroptera: Osmylidae: Spilosmylinae) with phylogenetic analysis. *Mitochondrial DNA Part B* 10 (3): 218-223. 10.1080/23802359.2025.2466579

Zheng, Y.; Badano, D.; Nel, A.; Liu, X. 2024. Revision of the Oriental Antlion genus *Cuca* Navás, 1923, with description of a new species from Vietnam (Neuroptera: Myrmeleontidae: Dendroleontini). *Annales Zoologici* 74: 583-592. doi: https://doi.org/10.3161/00034541ANZ2024.74.4.004

Zheng, Y.; Liu, X.-y. 2025. Taxonomic notes on the antlion genus *Paraglenurus* van der Weele (Neuroptera: Myrmeleontidae: Nemoleontinae), with some new findings from China and Vietnam. *Entomotaxonomia* 47(1): 30-59. DOI: 10.11680/entomotax.2025012

Zheng, Y.; Ni, Z.; Aspöck, U.; Aspöck, H.; Badano, D.; Nel, A.; Liu, X. 2025. A hidden treasure along Silk Roads: An unexpected new species of spoon-winged lacewings from Xinjiang, China, and a revision of the genus *Brevistoma* Tjeder, 1967 (Neuroptera: Nemopteridae). *Zootaxa* 5566(1): 097-118. https://doi.org/10.11646/zootaxa.5566.1.4

Photo of the semester

Palparinae from Oman, photo by J. Gállego
https://macroinstantes.blogspot.com/2013/06/antlion.html