

# 2<sup>nd</sup> International Symposium on Neuropterology



Participants of the 2<sup>nd</sup> International Symposium on Neuropterology in Hamburg (from left to right): Thomas Schlüter, Ivo Hodek, Vera Aun, D. K. McE. Kevan, Ernst Joachim Tröger, Keiko Nijima, Martin Meinander, Lita Greve, Jean-Claude Sagné, Çetin Şengonca, Horst Aspöck, Courtenay N. Smithers, Ulrike Aspöck, Timothy R. New, Herbert Hölzel, William E. Bickley, Johann Gepp, Peter Duelli, Michel Canard, Alexi Popov, Hirotaka Kokubu, Mervyn W. Mansell, Phillip A. Adams, Victor J. Monserrat.

*Ernst J. Tröger*

*V. Aun*

*A. Popov*

*Phillip Adams*

*Wm. E. Bickley*

*M. Canard*

*William E. Bickley*

*M. Hölzel*

*Victor Monserrat*

*D. K. Kevan*

*Ivo Hodek*

*Mervyn W. Mansell*

*Martin Meinander*

*Thomas Schlüter*

*Johann Gepp*

*Lita Greve*

*Hirotaka Kokubu*

*P. Duelli*

*Jean-Claude Sagné*

*Çetin Şengonca*

*Keiko Nijima*

*Ç. Şengonca*

*Victor J. Monserrat*

## List of participants at the 2<sup>nd</sup> International Symposium on Neuropterology

- ADAMS, Dr. Phillip A. (Fullerton, California, USA)  
ASPÖCK, Univ.-Prof. Dr. Horst (Wien, Austria)  
ASPÖCK, Dr. Ulrike (Wien, Austria)  
AUN, Dr. Vera (Piracicaba, Brazil)  
BICKLEY, Dr. William E. (Riverdale, USA)  
CANARD, Dr. Michel (Toulouse, France)  
DUELLI, Dr. Peter (Birmensdorf, Switzerland)  
GEPP, Dr. Johann with wife (Graz, Austria)  
GOGALA, Dr. Matija (Ljubljana, Yugoslavia)  
GREVE-JENSEN, Dr. Lita (Bergen, Norway)  
HAGEN, Dr. K.S. (Albany, USA)  
HODEK, Dr. Ivo (Praha, Czechoslovakia)  
HÖLZEL, Herbert (Sattendorf, Austria)  
KOKUBU, Dr. Hirotaka (Basel, Switzerland)  
KEVAN, Dr. D.K.McE. (Quebec, Canada)  
MANSELL, Dr. Mervyn W. (Pretoria, South Africa)  
MEINANDER, Prof. Dr. Martin (Helsinki, Finland)  
MONSERRAT, Dr. Victor J. (Madrid, Spain)  
NEW, Dr. Timothy R. (Bundoora, Victoria, Australia)  
NIELSEN, Dr. Ebbe Schmidt (Canberra, Australia)  
NIIJIMA, Dr. Keiko (Tokyo, Japan)  
PAULUS, Prof. Dr. Hannes F. (Freiburg, FRG)  
POPOV, Alexi (Sofia, Bulgaria)  
SAGNE, Dr. Jean-Claude (Toulouse, France)  
SCHLÜTER, Dr. Thomas (Berlin-West, FRG, now Dar-es-Salaam, Tanzania)  
ŞENGONCA, Prof. Dr. Çetin (Bonn, FRG)  
SMITHERS, Dr. Courtenay N. (Sydney, Australia)  
TOWNES, Dr. Henry with wife (Michigan, USA)  
TRÖGER, Dr. Ernst Joachim (Freiburg, FRG)

# XVII International Congress of Entomology

Hamburg  
Federal Republic of Germany  
August 20–26, 1984

## Section 22

### *2nd International Symposium on Neuropterology*

Organizer: H. ASPÖCK, Hygiene-Institut, Kinderspitalgasse 15, A-1095 Wien, Austria

Co-Organizer: P. OHM, Zoologisches Museum der Universität, Hegewischstr. 3, D-2300 Kiel 1, Fed. Rep. Germany

Tuesday, August 21, Congress Center, Hall 9

Chairpersons: P. A. ADAMS, M. MANSELL

15.00 ASPÖCK, H.: Opening and introduction

Introductory Lecture:

15.20 ASPÖCK, H.: The Raphidioptera of the world: A review of present knowledge

16.00 Discussion

16.20 Coffee Break

Short Lectures:

16.40 MEINANDER, M.: The Coniopterygidae (Neuroptera) in America

17.00 MANSELL, M.: Neuropterology in Southern Africa

Chairpersons: M. MEINANDER, V. MONSERRAT

17.20 HÖLZEL, H.: Biogeography of Palaearctic Myrmeleonidae (Neuropteroidea, Planipennia)

17.40 NEW, T. R.: Distribution patterns of Australian Myrmeleontidae

18.00 Coffee Break

18.20 MANSELL, M.: Biogeography and phylogeny of the Crocinae

Chairpersons: T. R. NEW, A. POPOV

18.40 ASPÖCK, U.: The present state of knowledge on the family Berothidae

19.00 GHOSH, S. K.: Contribution to the taxonomical studies on the family Ascalaphidae (Neuroptera) of Eastern India

19.20 SCHLÜTER, T.: The fossil Planipennia – a review

19.40 End (contin. on Wednesday)

Wednesday, August 22, Congress Center, Hall 9

Chairpersons: H. HÖLZEL, Z. JINGZHAO

8.00 MC KEVAN, E. D. K. & KLIMASZEWSKI, J.: The Hemerobiidae (Neuroptera) of Canada and Alaska

8.20 POPOV, A.: The Hemerobiidae of Mongolia

8.40 ADAMS, P. A.: Faunal relations of Amazonian Chrysopidae

9.00 Discussion

9.40 Coffee Break

Chairpersons: U. ASPÖCK, S. K. GHOSH

10.00 SÉMÉRIA, Y.: The status of the new genus *Parachrysopa* Séméria and the concept of genus twin

- 10.20 NEW, T. R.: Relationship between the Neuroptera of Australia and Papua New Guinea
- 10.40 ALROUECHDI, K.: Some chrysopids of Syria
- 11.00 Discussion
- 11.20 Coffee Break
- Chairpersons: Y. SÉMÉRIA, E. TRÖGER
- 11.40 TRÖGER, E.: Recent investigations in the neuropterous fauna of South-West Germany
- 12.00 DEVETAK, D.: Antlions (Myrmeleonidae, Planipennia, Neuropteroidea) in Slovenia with some notes on their distribution in Yugoslavia
- 12.20 SZENTKIRALYI, F.: Spatio-temporal organization of chrysopid and hemerobiid aphidophagous subguilds
- 12.40 Discussion
- 13.00 Lunch Break
- Chairpersons: M. CANARD, D. FAULKNER
- 15.00 GEPP, J.: Biology and larval diagnosis of Middleeuropean Neuroptera (a review of present knowledge)
- 15.20 CANARD, M.: A cautious univoltine strategy in the lacewing *Nineta flava* (Scopoli) (Neuroptera, Chrysopidae)
- 15.40 BABRIKOVA, T.: Some morphological and bioecological characteristics of *Chrysopa (Nineta) flava* Scopoli (Chrysopidae, Neuroptera)
- 16.00 Discussion
- 16.20 Coffee Break
- Chairpersons: J. GEPP, E. D. K. MCKEVAN
- 16.40 KOVRIGINA, A.: The ecology of Chrysopidae (Neuroptera) from Middle Volga Region
- 17.00 JINGZHAO, Z.: Studies on the biology of *Chrysopa septempunctata* Wesm. and its population fluctuations in the fields
- 17.20 HASEGAWA, M. & MATSUKA, M. & NIJIMA, K.: Development and fecundity of chrysopids (Neuroptera) on chemically defined diets
- 17.40 MATEEVA-RADEVA, A.: The role of the *Chrysopa* species on the density reduction of *Leptinotarsa decemlineata* Say by different ecological conditions
- 18.00 Coffee Break
- Chairpersons: K. ALROUECHDI, P. DUELLI
- 18.20 FAULKNER, D.: The biology of the Nearctic moth lacewing *Oliarces clara* Banks (Neuroptera, Ithonidae)
- 18.40 KOKOBU, H. & DUELLI, P.: Adult food of little known freshwater Neuroptera: Intestinal contents of Sisyridae and Osmylidae
- 19.00 SZENTKIRALYI, F.: Community-structural and phenological investigations of chrysopids and hemerobiids based on Hungarian light-trap networks
- 19.20 Discussion
- 19.40 End (contin. on Thursday)

#### Thursday, August 23, Congress Center, Hall 12

- Chairpersons: M. GOGALA, H. F. PAULUS
- 8.00 PAULUS, H. F.: Comparative morphology of the larval eyes in Neuropteroidea
- 8.20 GOGALA, M.: Vision of *Ascalaphus*, a review
- 8.40 MILLER, L. A.: Hearing in green lacewings and responses to bats
- 9.00 Discussion
- 9.40 Coffee Break
- Chairpersons: H. ASPÖCK, T. SCHLÜTER
- 10.00 DUELLI, P.: Flight activity patterns in lacewings (Planipennia, Chrysopidae)
- 10.20 SAGNÉ, J. C.: Carbohydrate content variations in *Chrysopa walkeri* Mc Lachlan (Neuroptera, Chrysopidae) during its prepupal diapause
- 10.40 MONSERRAT, V.: Longinos Navas, his neuropterological work and collection
- 11.00 Discussion
- 11.20 Coffee Break
- 11.40 General Discussion
- 13.00 End