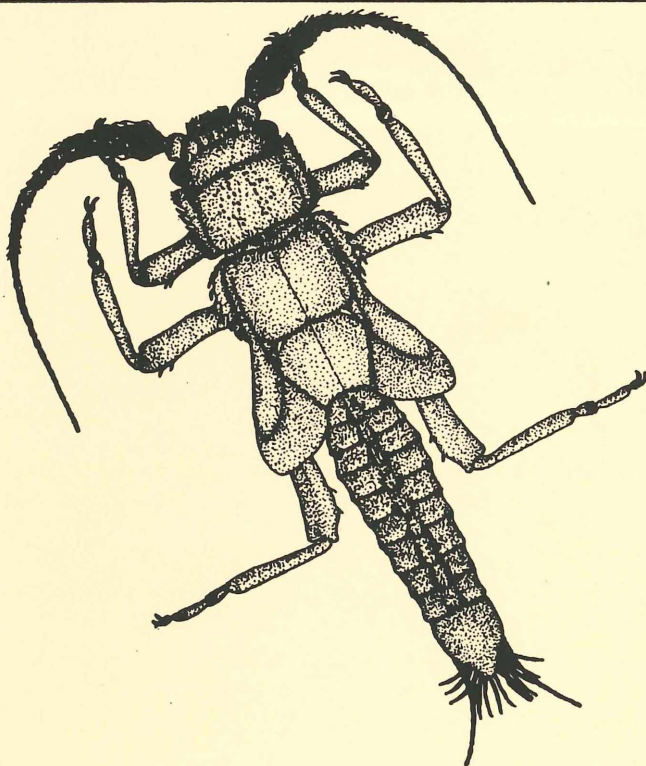

PERLA

Newsletter and Bibliography
of the
International Society of Plecopterologists



PERLA No. 16, 1998

**Aquatic Entomology Laboratory
Department of Biological Sciences
University of North Texas
Denton, Texas 76203**

PERLA
Annual Newsletter and Bibliography of the
International Society of Plecopterologists
Available on Request to the Managing Editor

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COVER ILLUSTRATION

The cover illustration for this year's PERLA 16 was drawn by Ian McLellan. It is a habitus of the larva of *Zelandobius illiesi* (Antarctoperlinae), collected by Ian McLellan from a small stream in Nothofagus/Podocarp Forest in the Ohikanui Valley, Buller County, New Zealand. The Managing Editor solicits your submittal of any drawing of a stonefly nymph or adult for possible reproduction on the cover of PERLA 17 next year.

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PERLA SUBSCRIPTION POLICY

**(As revised by vote of the participants in the
XII International Symposium in
Lausanne, Switzerland, August, 1995)**

Dues for membership in the International Society of Plecopterologists are \$10 U.S. per year. Members will automatically receive PERLA. Libraries or other institutions may receive PERLA by making a \$5 or \$10 annual donation, or through an exchange of publications agreement approved by the Managing Editor and Editorial Board.

Persons or institutions who have no support or are financially unable to pay dues may continue to receive PERLA by writing a brief note to the Managing Editor requesting a waiver of dues and to be retained on the mailing list.

It is therefore important that you respond to this receipt of PERLA 16 in one of the following ways, in order to be kept on the mailing list for PERLA 17: (1) pay your annual dues, (2) make a \$5 or \$10 donation (institutions), or (3) request a waiver. A form and self-addressed envelope are included with PERLA 15 for your convenience in responding.

You may send your dues or donation in the form of a personal check, bank note, cashier's check, or postal money order designated in U.S. funds to the Managing Editor. Because of high bank costs for exchange in some countries, you may send cash, in which case the Managing Editor will respond with a personal acknowledgment if it is received.

Dues and donations are used to help pay the costs of publishing and mailing PERLA, and for Lifetime Achievement Award plaques presented by the Society at International Symposia. Any excess of funds over actual costs may be used under direction of the International Committee for such purposes as scholarships to help deserving plecopterologists or students attend and participate in international symposia. The Managing Editor will make a financial report to the International Committee at each International Symposium Business Meeting.

**SECOND REQUEST FOR PLECOPTERA SYMPOSIUM
SCHOLARSHIP DONATIONS FOR THE XIII
INTERNATIONAL SYMPOSIUM ON PLECOPTERA,
TUCUMÁN, ARGENTINA, 1998,
AND FUTURE SYMPOSIA**

In PERLA 12 (1994, p.5), Peter Zwick, on behalf of the Standing Committee for the International Symposium on Plecoptera, made a request for Scholarship Donations to support attendance and participation of international colleagues at the XII Symposium in Lausanne, Switzerland. He reported in PERLA 14 that only 5 individuals made donations totaling 3800 DM (90% of the total came from one generous donor).

These funds, and special assistance from Peter Landolt and Michel Sartori, organizers of the Lausanne Symposium, made possible the participation of several colleagues from former socialistic countries that would otherwise not have been able to attend. Their presence for the first time at our Symposia added great dimension to our friendships and exchange of stonefly science (see letter from Standing Committee by Peter Zwick, PERLA 14, p.9).

In PERLA 15 (p.2) we requested donations to the International Scholarship Fund to further promote invitations for deserving colleagues to participate in the upcoming XIII Symposium in Tucumán Argentina, in August, 1998. Response has come only from some members of the Standing International Committee and two society members (one a very generous donor for the last two symposia). At press time, we had only enough scholarship money, along with a designated amount from the PERLA fund and promised support from organizer Dr. Eduardo Dominguez, to bring one colleague to Tucumán. There are other deserving and active members who will not be able to come, for lack of institutional support or sufficient personal funds. We are hoping that some of you other society members, who are able, will seriously consider helping to sponsor through a scholarship contribution the participation of deserving colleagues to our symposia.

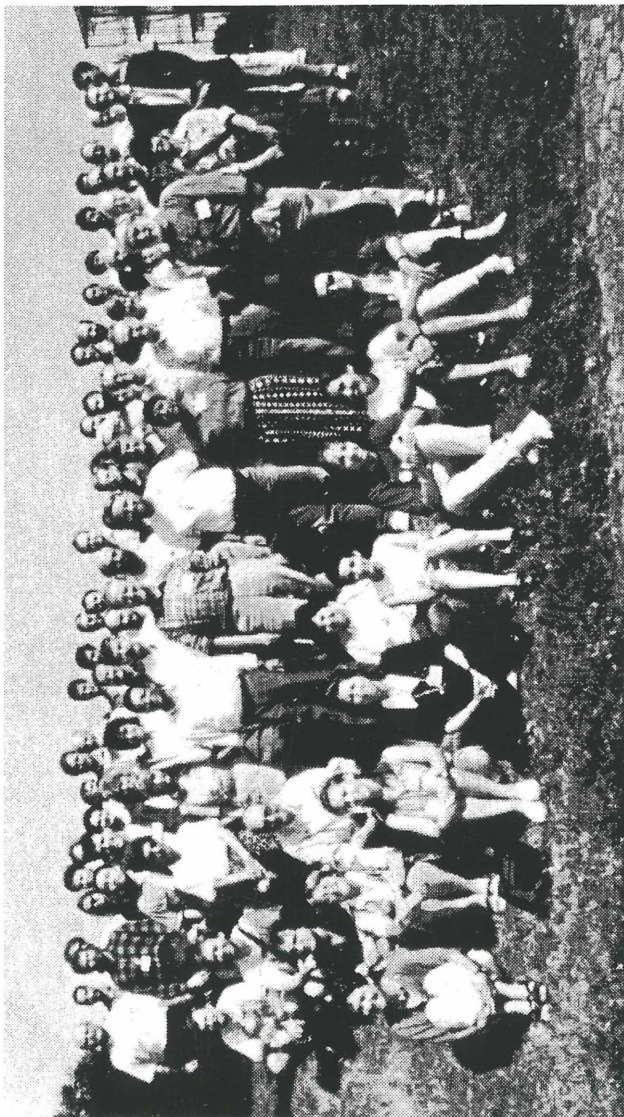
Will you please give serious consideration to making a donation to the Scholarship Fund as soon as possible? -- so that there will be adequate time to determine the number of scholarships and level of support possible for the Tucumán Symposium.

Please send your donations to:

Professor Dr. Peter Zwick,
Limnologische Flußstation,
des Max-Planck-Instituts für Limnologie,
D-36105 Schlitz, Postfach 260, Germany.

To reduce exchange costs, please send the donation in the form of a check designated in German DM and specify "Plecoptera Symposium Scholarship Donation".

PHOTO OF PARTICIPANTS IN THE XII INTERNATIONAL SYMPOSIUM ON
PLECTOPERA-LAUSANNE SWITZERLAND, AUGUST, 1995.



(Seated)

T. Find, H. Timm, J.-L. Gattolliat, C. A. Ravizza, D. Studemann, V. Lubini, S. Knispel, G. L'Eplattenier,
M. Rojas de Hernandez, N. Naceur, L. Ruffieux, M. A. Puig

(Standing)

K. W. Stewart, J. Abbott, W. Graf, C. Wyss, A. Schmidt-Kloiber, B. Turczanyi, T. Koshimoto, N. Kluge,
E. Paprocki, E. Dematteis-Ravizza, K. Szalai, S. Andrikovics, A. Knight, J. Heleix, W. Wichard, R.
Riederer, S. W. Szczytko, J. Alba-Tercedor, R. Rupprecht, P. Usseglio-Polatera, G. Soler, J. H. Kennedy,
K. Alexander, A. Dom, I. McLellan, T. Kawai, A. Weinzierl, M. Zuniga del Cardoso, M. Marten, S.
Hanada, C. Froehlich, J. Brittain, R. Fochetti, W. Ricker, H. Zwick, J.-M. Elouard, E. Rosciszewska, P.
Zwick, H. Hayashi, P. P. Harper, B. Horvat, L. Zhiltzova, I. Turczanyi, J. P. O'Connor, P. Landolt, Y.
Isobe, I Sivec, G. Kraft, M. Sartori, G. VinCon.

EDITOR'S NOTE: This is a *partial* list of participants submitted to me with the photo; they are *not* in the same order as in the photo.

HISTORY OF INTERNATIONAL PLECOPTERA SYMPOSIA

Symposium	Place	Time	Organizer(s)
I.	Lausanne, Switzerland	Sept, 1956	Jaques Aubert
II.	Vienna, Austria (Symposium XIII within Framework of International Congress of Entomology)	Aug. 1960	E. Pomeisl
III.	Ploen, Germany	Sept. 1963	J. Illies
IV.	Abisko, Swedish Lapland	July 1968	P. Brinck & S. Ulfstand
V.	Washington, D.C., USA	Sept. 1974	R. W. Baumann
VI.	Schlitz, Germany	Aug. 1977	J. Illies & P. Zwick
VII.	Nara, Japan	Aug. 1980	Teizi Kawai
VIII.	Toulouse, France	Aug. 1983	C. Berthélemy
IX.	Marysville, Australia	Feb. 1987	Ian Campbell
X.	Granada, Spain	July, 1989	J. Alba-Tercedor
XI.	Treehaven Biological Station, Wisconsin, USA.	Aug. 1992	S. W. Szczytko
XII.	Lausanne, Switzerland	Aug. 1995	P. Landolt & M. Sartori
XIII.	Tucumán, Argentina	Aug. 1998	E. Dominguez


SECOND ANNOUNCEMENT OF
XIII INTERNATIONAL SYMPOSIUM
ON PLECOPTERA AND
IX INTERNATIONAL CONFERENCE ON EPHEMEROPTERA

SECOND ANNOUNCEMENT

Tafi del Valle - Tucumán
ARGENTINA



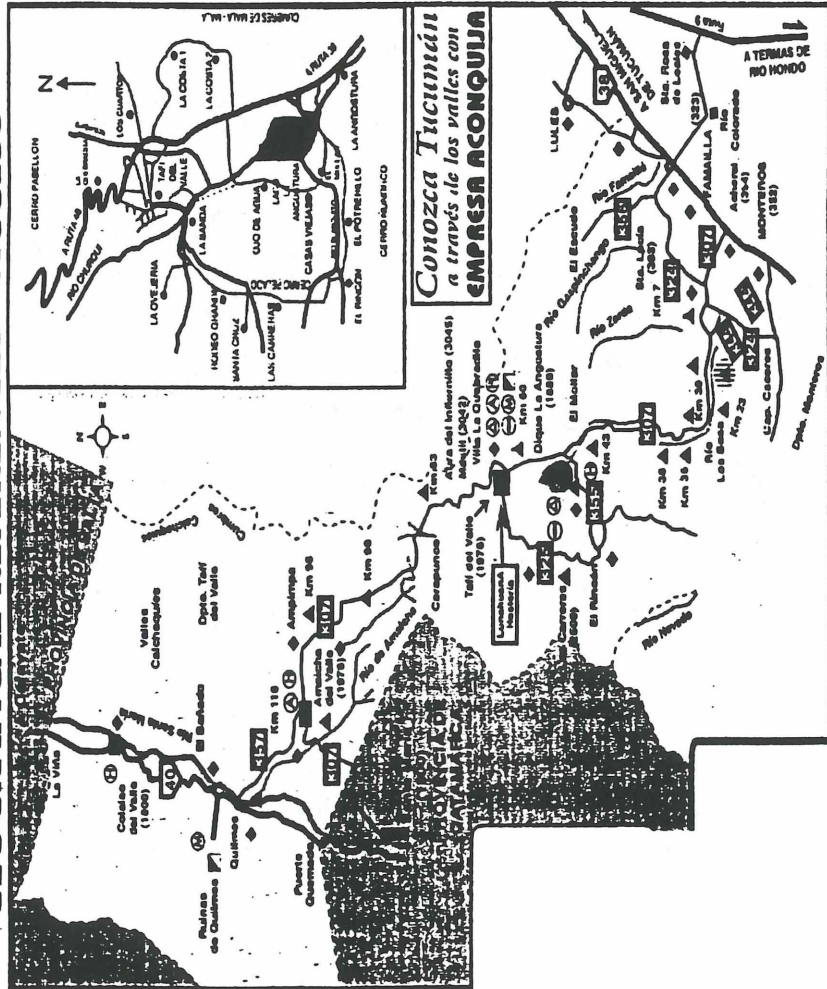
IX
International Conference
on Ephemeroptera
19-21 August 1998



XIII
International Symposium
on Plecoptera
20-23 August 1998

REFERENCIAS GEOGRÁFICAS - ACCESOS

GEOGRAPHICAL REFERENCES - ACCESS



REFERENCIAS

- Ruta Nacional
- Ruta Provincial
- Ruta Pavimentada
- Ruta Enrillada
- Huella o Proyecto
- Campamento con radio
- Campamento con teléfono
- Posta Turística
- Centro Asistencial
- Hoteles - Hostelerías
- Camping
- Museos
- Artesanías
- Pesca
- () Altura sobre nivel del mar

REFERENCES

- National Road
- Provincial Road
- Paved Road
- Gravelled Road
- Path or Planned Road
- Provincial Road Direction camp
- Camp equipped with telephone
- Plant Nursery
- Tourist Relay
- Medical Centre
- Hotels - Inns
- Camping Site
- Museums
- Handicrafts market
- Archaeological site
- Fishing site
- () Maritimal level

**IX International Conference on Ephemeroptera
17-21 August 1998**

**XIII International Symposium on Plecoptera
20-23 August 1998**

Second Announcement and call for papers



Thank you for responding to the first announcement. At this time, more than 90 persons returned the preliminary registration form, but we are still receiving new ones.

Location

The congress will be held in Tañi del Valle. The village is situated at a height of 2000 m above sea level. This small town, located at 107 Km from San Miguel de Tucumán, capital of the province, is surrounded by high mountains, and is a privileged site for its beauty. The weather in August can be cool, with cold nights, although sunny, mild days are the usual. The place was chosen because its friendly environment that will permit the relaxed interaction among the participants.

Preliminary program: August 1998

Sunday, 16: Registration and Informal Evening Reception

Monday, 17: Registration, Opening Ceremony and Ephemeroptera Conference (Oral and Poster Presentation).

Tuesday, 18: Ephemeroptera Conference and Panel Discussion.

Wednesday, 19: Ephemeroptera Conference and Conference Dinner.

Thursday, 20: Opening Ceremony of the Plecoptera Symposium; Mayfly-Stonefly Joint Symposium (Evening conference by Dr. P. Goloboff, Cladistics)

Friday, 21: Joint field trip

Saturday, 22: Plecoptera Symposium and Panel Discussion.

Sunday, 23: Plecoptera Symposium and Symposium Dinner.

Monday, 24: Post-Conference activities.

Panel Discussions and special sessions: It is planned to have one Panel Discussion on "Status of the Knowledge and priorities on Mayfly studies". Time will be allocated for discussion groups on other subjects proposed before the congresses (e. g. Status of Southern Hemisphere Plecoptera knowledge, Ephemeroptera World Catalog, etc.). Additional suggestions are welcomed.

Congress deadlines:

March 1, 1998: Abstract presentations, Post-conference Activities and Guest Program, Registration and Fees.

March 30, 1998: Scholarship applications.

August 17, 1998: Ephemeroptera Manuscript to Editor.

August 20, 1998: Plecoptera Final Manuscript to Editor.

Costs

Participant at:

Ephemeroptera Conference: US\$ 150

Plecoptera Symposium: US\$ 125

Both Congresses: US\$ 220

Accompanying person: one congress US\$ 75, both congresses US\$ 100

Fees include: Abstract, Program and Proceedings, morning and afternoon coffee, Conference Field day, Congress dinner and Souvenir. The costs registered after March 1 will be majored by US\$ 30.

Call for papers

Either oral or poster presentations are invited. Oral presentations should be no longer than 15 minutes, and additional 5 minutes for discussion will be allowed. Projection facilities for overhead transparencies and 35 mm slides will be provided. Participants requiring additional audiovisual equipment should inform the Conference Convenor well in advance.

Those wishing to present a paper should submit an abstract on the enclosed form to the Convenor by March 1, 1998.

Publications

Presentations will be published as "Conference Proceedings", probably as an special number of the serial "Acta Zoologica Lilloana", which will assure a wide distribution. Original and two copies of the final manuscript should be submitted at the conference. Manuscript must be in accordance with the enclosed instructions to the authors. All manuscripts will be reviewed by international referees before acceptance for publication.

Accommodation

Hotels of different categories have been selected. The reservations will be made through Dinar S.A., official travel agency of the congress, that offers a discount price (15-20% off regular price) for the participants, and will provide transportation from Tucumán to Taft del Valle for those making reservations in advance. This company can also offer discounts for the international/ domestic flights. Please return the enclosed accommodation form together with your registration form to the Conference Convenor. Accommodation will be allocated in order of receipt of registration. Please indicate if you wish a single room or prefer to share with someone in particular. Accommodation fees will be paid at the hotel. If you need to check flight prices, rent-a-car fares and post-conferences tours you can fax to Dinar S.A. (Att. Marcelo Marina, Ref. Mayfly/Stonefly conference) to 54-81-219280/300652.

Meals

All hotels offered include breakfast. One of them includes one meal in the price. Tickets for lunch or dinner will be available for between US\$ 10 and 5, in different restaurants at the hotels. There will be also other options.

Travel Scholarship for the IX International Conference on Ephemeroptera

The Scholarship subcommittee of the Permanent Committee of the International Conferences on Ephemeroptera will accept applications from all interested persons who wish to apply for a travel scholarship to attend the IX International Conference on Ephemeroptera. The purpose of the award is to defray some of the travel expenses, rather than to pay for them entirely. Applicants should include the following information: 1) name and date of birth, 2) mailing address (including telephone/fax numbers, and e-mail), 3) affiliation and present position, 4) reason(s) for the application, 5) title and summary of proposed presentation, and 6) a resume and a list of publications as a separate document. Selection criteria are: 1) financial need, 2) topic of proposed presentation, 3) directions of previous research, and 4) geographical location of applicant. Applications will be reviewed by the subcommittee and should reach Dr. Javier Alba-Tercedor (Departamento de Biología Animal y Ecología, Facultad de Ciencias, Universidad de Granada, 18071 Granada, Spain) before March 30, 1998. Applications can also be sent by e-mail to jalba@goliat.ugr.es. Recipients of Scholarships will be notified on or before May 30, 1998.

Post Congress Tours

For those wishing to visit Argentina, the following tours are available after the congresses through Dinar, S. A. (prices tentative):

- 1) Northwestern Argentina: Salta/Humahuaca : (3 nights in hotels 3★, 4days).
Travel by van, with bilingual guide visiting indigenous Quilmes ruins, Cafayate, the cities of Salta and Jujuy, Humahuaca and returning to Tucumán. Price per person: US\$ 307. Minimum 6 persons.
 - 2) Northeastern Argentina: Iguazú Falls (3 nights in hotel 3★, 4 days)
Flight tickets: Tucumán-Iguazú, transport Airport-Hotel. Single US\$ 345; Double or Triple US\$ 330. *
 - 3) Southern Argentina: Bariloche (3 nights in hotel 3★, 4 days)
Flight tickets: Tucumán-Bariloche, transport Airport-Hotel. Single US\$ 505; Double US\$ 409; Triple US\$ 382. *
- *A variety of short local tours will be available.
Those interested in any of these tours should mention it on the registration form. Please do not pay in advance.

Collections:

If you plan to collect mayflies or stoneflies extensively, you will need a permit and an arrangement with an Argentine institution. Please inform the organizers in advance, to help you with the arrangements.

For further information, please contact:

Eduardo Domínguez, Facultad de Ciencias Naturales (INSUE), Universidad Nacional de Tucumán, Miguel Lillo 205, 4.000 Tucumán, ARGENTINA. FAX # 54(81)248025; E-mail: mayfly@unt.edu.ar

- This circular and periodically updated information will be available at our homepage:
<http://www.unt.edu.ar/congresos/EPHEMERO.HTM>
- Please Post

Editor's Note: This announcement is for information to subscribers. By the time you receive this issue of PERLA, most of the deadlines for submittal of papers and early registration will be past. Contact Eduardo Domínguez (see end of announcement) for late requests for attendance or participation.

OTHER ANNOUNCEMENTS

Availability of Compiled Bibliography on Plecoptera

In PERLA 15, your Managing Editor indicated that a Plecoptera bibliography compiled by Carlalberto Ravizza from PERLA 1-14, the catalogues of Claassen (1939), Illies (1966) and Zwick Handbuch (1980) would be published in this edition of PERLA. I did not realize that this would involve some 376 + printed pages (before elimination of duplicate entries) and would therefore be much too voluminous to print in PERLA. Peter Zwick informs me that he and Carlalberto Ravizza are working to correct and further compile and combine these different bibliographies into a single document. When it is sufficiently completed, we will announce its availability (probably by diskette to the society membership).

Request for specimens or records.

Boris Kondratieff requests any stonefly material or records from North Dakota. He and Dick Baumann are reviewing the stoneflies of North Dakota, currently recording 11 species, including describing a new species of *Perlesta*.

Intended Plecoptera Catalogue Update

When the Max-Planck-Society closed its famous GMELIN INSTITUTE OF INORGANIC CHEMISTRY (at Frankfurt/Main), by the end of 1997, the Society called for project proposals and offered the man-power made redundant at Frankfurt to other institutes of the Max-Planck-Society.

The latest comprehensive catalogue of Plecoptera (ILLIES, 1966) is now over thirty years old, and my attempt of an update (ZWICK, 1973) is also long outdated; also, it was never pleasant to have to use the two books in conjunction. Therefore, it appeared to me to be a good idea to propose a comprehensive update or complete up-to-date rewrite of a catalogue of the stoneflies of the world.

My application was successful and from May 1998 on, the services of Dr U. NEU-BECKER will be available for this purpose, on a half day basis, for five years. Mrs NEUBECKER is a trained chemist with an interest in biology and is eager to tackle this task. We are still in the planning stage and, at the present moment, anticipate that the catalogue will include the same kind of information as the ILLIES-catalogue, but will probably also include key-words outlining the main contents of entries under "Weitere Literatur". Inclusion of type depositories would be desirable but (mainly) the old descriptions would necessitate so many enquiries with, or visits to, museums that at present this does not seem feasible.

Very probably, the future catalogue will be in the form of an ACCESS data bank, but this and many other details are still not definite. The output format also remains to be decided upon; at this time, printed copies, a CD, or a data bank accessible via the Internet all appear possible.

I would like to profit from your suggestions, comments are very welcome! I hope for good cooperation with and support from the entire community of Plecoptera students; please, send reprints of your papers, or provide references to them! If you have questions, suggestions or other, please make contact:

Peter Zwick
Limnologische Flußstation
Max-Planck-Institut für Limnologie
Postfach 260
D-36105 Schlitz, GERMANY
E-mail: pzwick@mpil-schlitz.mpg.de

Review of the Book "Ephemeroptera and Plecoptera; Biology-Ecology and Systematics"

This book by editors Peter Landolt and Michel Sartori of proceedings of the VIII International Conference on Ephemeroptera and XII International Symposium on Plecoptera held in August, 1995, in Lausanne, Switzerland, ISBN 2-940187-01-0, was published in 1997 (See Recent Bibliography herein). A review of the book should be coming in Aquatic Insects sometime later in 1998.

REPORT OF THE SECOND PLECOPTERA MEETING OF JAPAN

The second Plecoptera meeting of Japan was held at Yôzawa, Akiruno, Tokyo Prefecture, Japan, on May 10-11, 1997. The meeting was hosted by Mr. T. Miyashita, and was joined by the members of the 'Japan Aquatic Insect Salon'. Participating were 42 workers and students, including twelve stonefly workers who presented papers, information, or photographs. The informal proceedings (in Japanese) are available from the host: Mr. Tsutomu Miyashita, Todohara 899-17, Akiruno 190-0152, Japan.

The next Plecoptera meeting of Japan will be held in or around Yamagata Prefecture, northeastern Honshu, in May, 2000. Japanese workers on stoneflies are associated in a loose society and have a newsletter, 'Oyamia', in Japanese, which is edited by Dr. Tohru Kishimoto. For additional information on the meeting and the society, please contact Dr. Yu Isobe, Department of Biology, Nara Women's University, Nara 630-8263, Japan.

Gaufin Reprints Available

Recently while working on bibliography and list of publications for Arden R. Gaufin, I received a good collection of his reprints from his wife Ruth. Since I already have most of his reprints, the rest are duplicates. Thus, I will make them available to anyone that asks. This includes even some larger papers but not the monograph of the Rocky Mountain stoneflies or his doctoral dissertation publication on the aquatic insects of the Provo River, Utah. Simply send a postcard or e-mail request which gives the publications that you are interested in receiving. Please do not send blanket requests for all of his available publications. Send requests to:

*Richard W. Baumann
Monte L. Bean Life Science Museum
Brigham Young University
Provo, Utah 84602
E-mail address: richard_baumann@byu.edu
Tel. 801-378-5492*

Perla Recent Literature

Theses and Dissertations

- ALEXANDER, KEVIN D.** (1997): Systematics of the stonefly tribe Suwaliini and behavioral studies of selected species in the stonefly families Chloroperlidae and Perlidae. - PhD dissertation in biological Sciences, University of North Texas, Denton, TX, USA, 200 pp.
- SAND, K.** (1997): Life cycle studies of Ephemeroptera and Plecoptera in a Norwegian mountain area, Øvre Heimdalen - thesis in zoology, University of Oslo, Norway, 39 pp.
- SPETH, S.** (1997): Aspekte der Respiration und des Verhaltens limnischer Insekten-Larven (Insecta) bei Sauerstoffmangel (Aspects of the respiration and behaviour of limnic insect larvae (Insecta) during oxygen deficits). - PhD-thesis, University of Kiel, 107 pp.
- TOWNSEND, GREG** (1994): The life history of *Pteronarcys californica* (Plecoptera) in the Crowsnest River. - Masters thesis in biological sciences, University of Calgary, Canada, 88 pp.
- YUZHOU, DU** (1997): A taxonomic study of the family Perlidae from China (Plecoptera: Perloidea). - PhD dissertation in entomology, Entomol. Mus. Northwestern Agricultural University, Yangling, Shaanxi, P. R. China.

Editor's Note: On the following page is a modified summary (without new species names) of this dissertation by permission of Dr. Yuzhou:

**A DISSERTATION SUBMITTED IN
PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE
DEGREE OF PH. D. IN ENTOMOLOGY**

**A Taxonomic Study on the Family Perlidae from China
(Plecoptera: Perloidea)**

Du Yuzhou

**Entomological Museum, Northwestern Agricultural University,
Yangling, Shaanxi 712100, P. R. China**

Summary

The taxonomic study on Chinese Perlidae, the largest family in the order Plecoptera, is conducted. The thesis is divided into six parts: introduction, material and methods, morphology, phylogeny, biogeography, taxonomy and discussion. Firstly, the research history on the Perlidae or stoneflies both in the world and in China is reviewed. In morphological parts, the taxonomic characters and terms are outlined. Then, the higher classification and phylogeny in the whole order, as well as the Perlidae are briefly reviewed. The phylogenetic program Hennig86(version 1.5) is used to analyze the phylogenetic relationship of 18 genera in the Perlidae. Next, the general biogeography within the family Perlidae is summarized. The distribution characters of the Perlidae in China are probed preliminarily. Finally, based on the examination of about 3000 specimens, 18 genera and 153 species of the Perlidae from China are recognized. Among them, 69 species are described as new to science, 3 species as new to China. Eight new combinations and two synonyms are proposed. Keys are presented to facilitate the identification of all taxa, including subfamily, tribe, genera and species. All the genera and species of Chinese Perlidae are described or redescribed.

RECENT PLECOPTERA LITERATURE (CALENDAR YEAR 1997 AND EARLIER)

- AAGAARD, K., J. O. SOLEM, T. NOST & O. HANSEN** (1997): The macrobenthos of the pristine stream, Skiftesaa, Hoylandet, Norway - *Hydrobiologia* 348:81-94.
- ABBOTT, J. C. & K. W. STEWART** (1997): Aquatic insects of the Big Thicket region of East Texas - *Texas J. Sci.* 49 (3 SUPPL.):35-50.
- ABBOTT, J. C. & K. W. STEWART** (1997): Drumming of Three *Mesocapnia* species (Capniidae) and *Soliperla thyra* (Peltoperlidae) from California, USA. - *In: LANDOLT, P. & M. SARTORI* (eds), *Ephemeroptera & Plecoptera Biology-Ecology-Systematics*, Fribourg: Mauron + Tinguely & Lachat SA, 88-92.
- ALBARINO, R. J.** (1997): Spatial distribution of Plecoptera from an Andean-Patagonic lotic environment in Argentina - *Revista Brasileira de Biologia* 57 (4):629-636.
- ALEXANDER K. D. & K. W. STEWART** (1997): The importance of aedeagal characters in species delineation and revision of the stonefly tribe Suwallini Surdick (Chloroperlidae) - *In: LANDOLT, P. & M. SARTORI* (eds), *Ephemeroptera & Plecoptera Biology-Ecology-Systematics*, Fribourg: Mauron + Tinguely & Lachat SA, 484-488.
- ALEXANDER, K. D. & K. W. STEWART** (1997): Further considerations of mate searching behavior and communication in adult stoneflies (Plecoptera); first report of tremulation in *Suwallia* (Chloroperlidae) - *In: LANDOLT, P. & M. SARTORI* (eds), *Ephemeroptera & Plecoptera Biology-Ecology-Systematics*, Fribourg: Mauron + Tinguely & Lachat SA, 107-112.
- BALTES, B. & P. NAGEL** (1997): Der Einfluss der Gewässerversauerung auf die Rhithral-Biozönosen im nördlichen Saarland (Influence of acidification of waters on the rhithral biocenoses of the northern Saarland). - *Deutsche Gesellschaft für Limnologie (DGL) - Tagungsbericht 1996* (Schwedt), Krefeld 1997 Bd. II: 567-571.
- BARTON, D. R. & M. E. D. FARMER** (1997): The effects of conservation tillage practices on benthic invertebrate communities in headwater streams in southwestern Ontario, Canada - *Environ. Pollut.* 96 (2):207-215.

- BAUER, J. & S. SCHNEIDER (1997):** Bayerisch-tschechische Grenzgewässer - ihre Bedeutung und Gefährdung aus der Sicht des Natur- und Gewässerschutzes (Waters on the Bavarian-Tcheque border - their importance and endangerment from the point of view of nature- and waterbody-conservation). - Deutsche Gesellschaft für Limnologie (DGL) - Tagungsbericht 1996 (Schwedt), Krefeld 1997 Bd. I: 47-51.
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