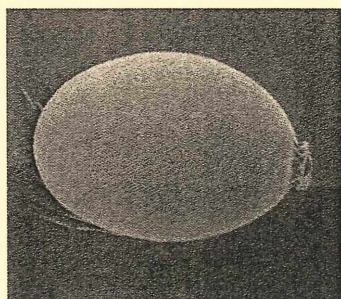
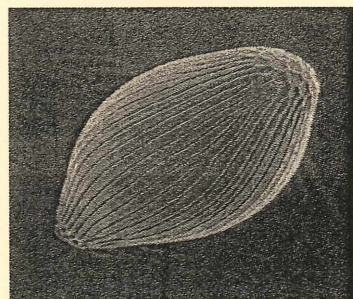
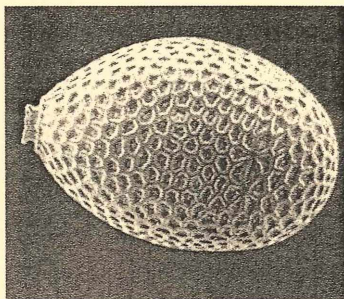
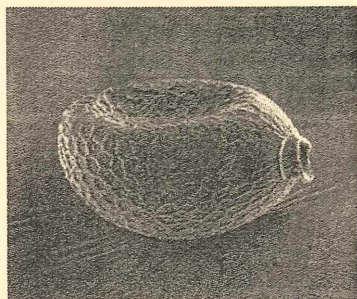


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# PERLA

Newsletter and Bibliography  
of the  
International Society of Plecopterologists

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**PERLA No. 19, 2001**

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

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

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## COVER ILLUSTRATION

Upper left to lower right: *Isoperla pinta*, *Isoperla marmorata*, *Neoperla stewarti*, *Neoperla carlsoni* eggs. Stonefly egg chorions vary from smooth to greatly sculptured and ornate. Egg morphology and chorion characteristics are species-specific and have been used as lines of evidence for phylogenetic analysis.

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# PERLA SUBSCRIPTION POLICY

(As revised by vote of the participants  
and the Standing Committee at the  
XIII International Symposium in  
Tucumán, Argentina, August, 1998)

Dues for membership in the International Society of Plecopterologists are \$15 U.S. per year. Members will automatically receive PERLA. Libraries or other institutions may receive PERLA by making a \$10 annual donation, or through an exchange of publications agreement approved by the Managing Editor and Editorial Board. Five dollars (\$5) of the dues will become part of the Scholarship Fund of the Society, to be used for helping active and deserving workers or students participate in future symposia.

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 19 in one of the following ways, in order to be kept on the mailing list for PERLA 20: (1) pay your annual dues, (2) make a \$10 donation (institutions), or (3) request a waiver. A form and self-addressed envelope are included with this issue, ( PERLA 19) 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.

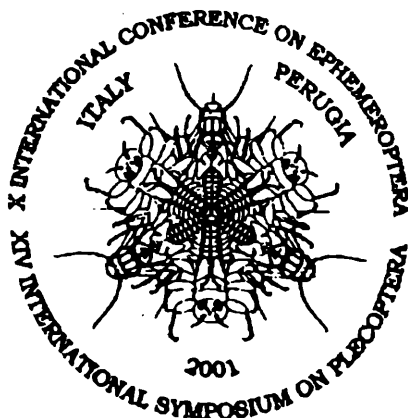
Dues and donations are used to help pay the costs of publishing and mailing PERLA, for Lifetime Achievement Award plaques presented by the Society at International Symposia and for the Scholarship Fund. The Managing Editor will make a financial report to the International Committee at each International Symposium Business Meeting or at any other time when requested.

Members or institutions whose dues remain unpaid for two consecutive years, or have not been granted exchange, waiver or emeritus status, will be dropped from the PERLA mailing list.

**HISTORY OF  
INTERNATIONAL PLECOPTERA SYMPOSIA**

<b>Symposium</b>	<b>Place</b>	<b>Time</b>	<b>Organizer(s)</b>
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
XIV.	Perugia, Italy	(Upcoming Aug. 2001)	Elda Gaino

# 2001 INTERNATIONAL JOINT MEETING



## X INTERNATIONAL CONFERENCE ON EMPHEMEROPTERA

## XIV INTERNATIONAL SYMPOSIUM PLECOPTERA

**5-11 AUGUST, PERUGIA-ITALY**

General information about the meeting was given in PERLA 18. For latest update go to website: <http://olympus.unipg.it/maystone/> As of this writing in early April, the preliminary program organized by Elda Gaino listed over 100 participants from 28 different countries, 42 oral presentations, 44 poster presentations and 3 invited lectures. For specific information or questions concerning the joint meeting, contact Elda Gaino at e-mail address: [maystone@unipg.it](mailto:maystone@unipg.it)

**Report on Sixth North American Plecoptera Symposium**  
(Abstracts were published in the meeting program)

The Sixth North American Plecoptera Symposium, hosted by R. W. Baumann and C.R. Nelson, was held on the campus of Brigham Young University, Provo, Utah, May 24-27, 2000. Twenty two papers were presented in the scheduled sessions, and a special evening talk on "Stoneflies of the Great Basin: History and Biogeography" was given by Andy Sheldon. On Friday afternoon, participants were bused up to Timp Lodge in a beautiful area of the Wasatch Mountains for collecting and a hike along the Little North Fork of Provo River and up to the base of the Glacial Cirque with spectacular Stewart Waterfall. The evening was spent at Timp Lodge socializing, partaking of a delicious western chuck wagon buffet dinner and topped off by Andy Sheldon's talk. On Saturday, participants traveled by bus to collecting sites, including those pioneered in studies by the late Arden Gaufin on the upper Provo River. The 49 participants and accompanying persons had a great meeting, excellent food and heart-warming fellowship

List of Papers Presented

1. "A brief geologic history of Utah, especially as it relates to stonefly (Plecoptera) distribution." C.R. Nelson
2. "The *Sweltsa lamba* Complex: one highly variable species or several slightly different species ? (Plecoptera: Chloroperlidae)." R.W. Baumann and B.P. Stark
3. "Current status of Pennsylvania stonefly research." J. Earle
4. "A new species of *Soyedina* (Plecoptera: Nemouridae) from the Karst region of central Kentucky." S. Grubbs
5. "Rare (?) *Capnura fibula Claassen* and other Plecoptera from New Mexico." G.Z. Jacobi and S.J. Cary
6. "Global patterns in Plecoptera genera richness." M. Vinson
7. "The stoneflies (Plecoptera) of Mount Rainier National Park, Washington, USA." B.C. Kondratieff and R. Lechleitner
8. "Exploratory analysis of Plecoptera phylogeny using the 18s and ITS-1 sequences of rDNA." C.H. Nelson, C. White and A. Stapleton
9. "A new species and extreme range extension in the *Capnia californica* species-group (Plecoptera: Capniidae) with notes on phylogenetic relationships and human historical perspectives." C.R. Nelson



10. "A functional Classification of the drift: traits that influence stonefly availability to Salmonids" R.B. Rader
11. "Plecoptera of Florida: biodiversity and spatial distribution." A.K. Rasmussen, M.L. Pescador and B.A. Richard
12. "Drumming behavior and life history notes of a high altitude population of the stonefly *Isoperla petersoni* Needham & Christenson (Plecoptera: Perlodidae). J.B. Sandberg and K.W. Stewart.
13. "Water of northern Utah: a photo essay." C.R. Nelson
14. "The stoneflies (Plecoptera) of southern Utah with an updated checklist of Utah species." R. Call
15. "Status report on the stonefly genus *Isogenoides* Klapálek (Plecoptera: Perlodidae) of North America; systematics, behavior and ecology." J.B. Sandberg and K.W. Stewart
16. "Descriptions and previously unknown nymphs of *I. decolorata* (Walker), *I. denningi* Jewett, *I. rougensis* Szczytko and Stewart and further descriptions of the male, female and egg of *I. decolorata*. S.W. Szczytko and K.W. Stewart
17. "Drumming, skimming, and evolution of flight: a new phylogeny of Plecoptera." M.D. Terry and M.F. Whiting
18. "Development and life cycle of Far Eastern *Pteronarcys* spp. (Plecoptera, Pteronarcyidae)." V.A. Teslenko and P. Zwick
19. "A review of the North American species of *Megarcys* (Plecoptera: Perlodidae)." B.J. Van Wieren, B.C. Kondratieff and B.P. Stark.
20. "New species of *Allocapnia* in the *recta* group (Plecoptera: Capniidae)." B.C. Kondratieff and R.F. Kirchner
21. "Systematic studies of Nearctic *Paraleuctra* (Plecoptera: Leuctridae)." J. Wise and B.P. Stark
22. "Studies of Colombian *Anacroneuria* (Plecoptera: Perlidae), with emphasis on the *A. guambiana* complex." M. del Carmen Zúñiga and B.P. Stark.
23. "Stoneflies of the Great Basin: history and biogeography." A. Sheldon

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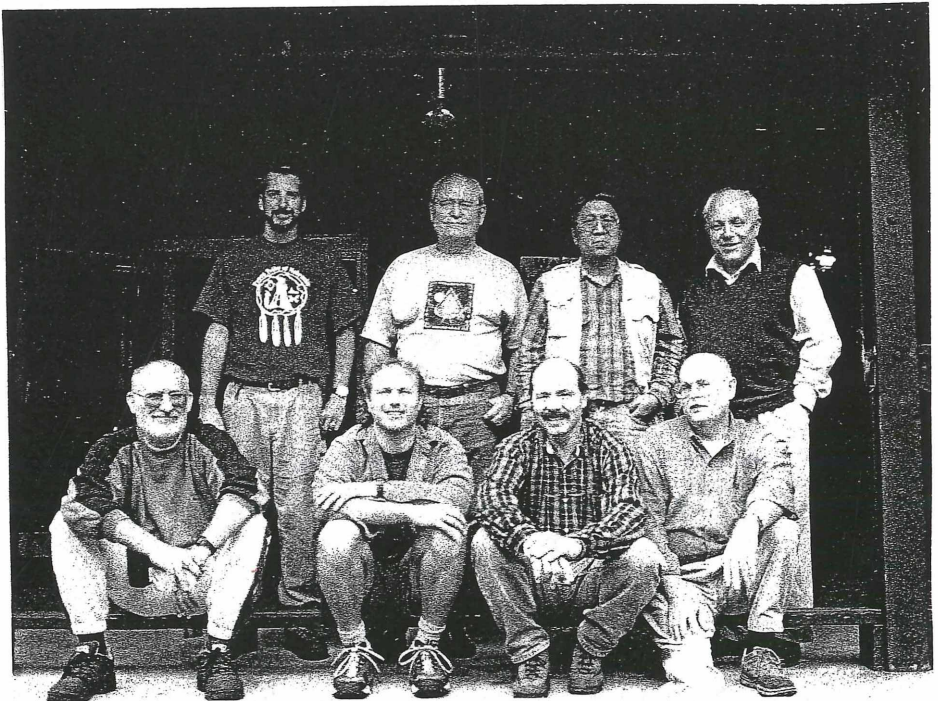
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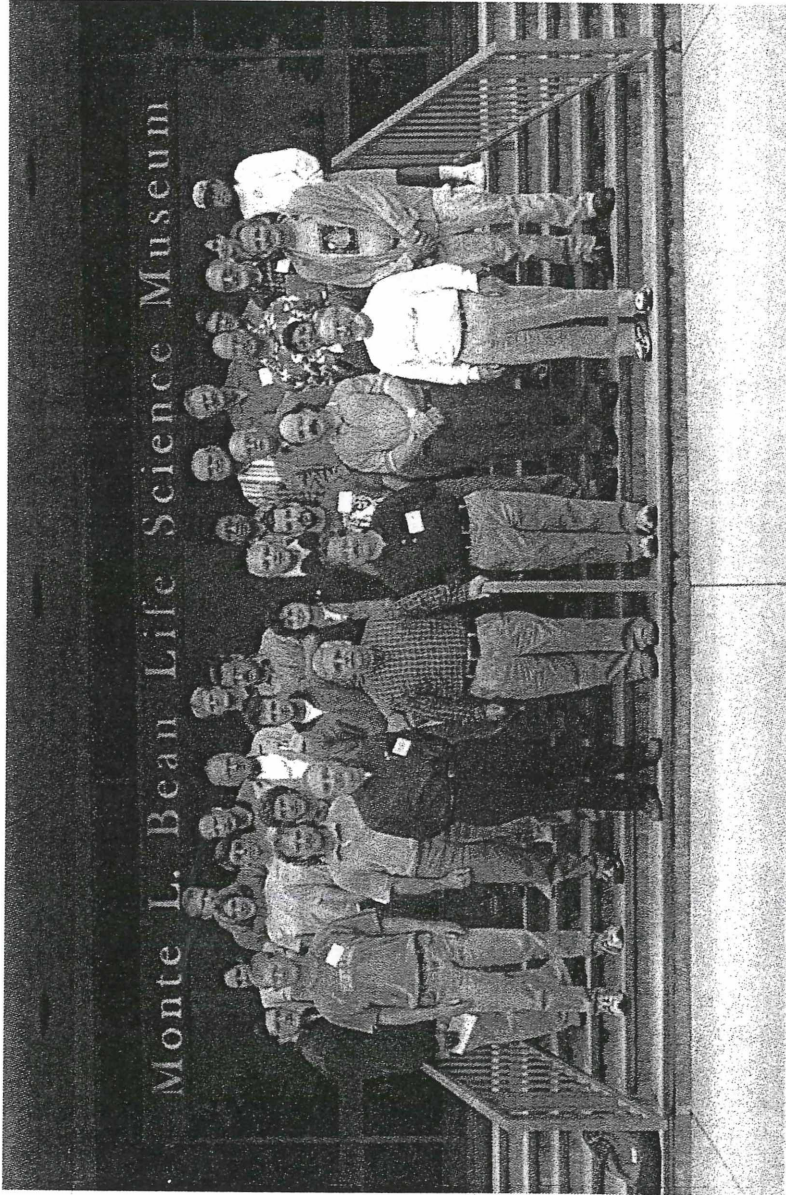
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A group of participants at Timp Lodge before the Symposium Dinner.  
Standing: Kevin Alexander, Ken Stewart, Manuel Pescador, Peter Zwick;  
Sitting: Ignac Sivec, John Sandberg, Stan Szczytko, Bill Stark



*Participants of the Sixth North American Plecoptera Symposium*

## An Example of Plecoptera Stamina

For many years, the amazingly complex genital structures of male Pteronarcyidae made me wonder about their functions. In 1998, I had an opportunity to preserve a mating pair of *P. reticulata* in the field to study the relative position of the various male and female structures during mating. At the occasion of the Plecoptera symposium held to Provo, in May 2000, I hoped to do something similar with some American taxa but was early. Although last instar larvae of *Pteronarcys californica* and *Pteronarcella badia* were common in the Provo River above the city, I found no adults. Therefore, I decided to take some last instar larvae home to Germany, rear them, and try my luck when back home in Europe.

A number of larvae were put into two 1 mm mesh nylon net bags which I suspended in the river on 23 May; no food was added but some of the fine detritus trapped on the outside of the bags was probably also washed into them. The bags were retrieved on 27 May and each was placed in a decapitated small plastic Coke bottle. The larvae spent the night on the windowsill in the student dormitory and travelled with me to Keystone, Colorado, the next day, for the NABS conference. Late the next day, the bags were suspended in the Snake River at Keystone. The river was turbid and discharge fluctuated because of snowmelt during the sunny days and frost at night. I noticed no detritus that could serve as food for the larvae.

On 1<sup>st</sup> June, the bags were retrieved from the Snake River. After two weeks in captivity, all larvae survived and were active. The bags were again placed into those bottles and stayed in my room until my departure, the following day. In the afternoon, the bags were briefly wetted at a chlorine-smelling drinking water fountain in the airport. Subsequently, they were kept dry in my cabin luggage for approximately another 15 hours. On 3 June, all of the 15 *Pteronarcys* were alive while half of the *Pteronarcella* larvae had died, only about 15 of them remained. The survivors were transferred to an aerated 25 litre drum with clean stream water and kept at ambient temperatures, close to 20°C in the day. Within a week, 4 male *Pteronarcys* emerged but unfortunately all females got stuck in their larval skins. The *Pteronarcella* fared better. Although they had suffered initial losses, 4 pairs emerged and mated shortly afterwards. They were sprayed with ethyl Chloride (C<sub>2</sub>H<sub>5</sub>Cl) during mating to freeze them in this position; however, all couples separated immediately.

This is an example of the exceptional stamina of Plecoptera. The experience provided also some additional insights: One dying female *P. badia* extruded 17 eggs which were incubated in vials with stream water. 13 eggs developed to eye-spot stage and 9 larvae eventually hatched, but only after exposure to 4°C, for several weeks. I was pleased to see where hatching larvae open their eggs and to study the first and second instar of *Pteronarcella*, none of which, I believe, are described.

Peter Zwick

**STANDING COMMITTEE  
FOR THE INTERNATIONAL SYMPOSIA ON PLECOPTERA**

Prof. J.E. Brittain, Norway; Prof. C.G. Froehlich, Brazil; Prof. P.P. Harper, Canada; Prof. T. Kawai, Japan; I.D. McLellan, New Zealand;  
Dr I. Sivec, Slovenia; Prof. K.W. Stewart, USA; Prof. S.W. Szczytko, USA; Prof. P. Zwick, Germany

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Schlitz, 08.09.00

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Dr Boris Kondratieff  
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Dear Professor Kondratieff,

On behalf of the INTERNATIONAL SOCIETY OF PLECOPTEROLOGISTS and in the name of the STANDING COMMITTEE FOR THE INTERNATIONAL SYMPOSIA ON PLECOPTERA I would like to thank you very sincerely for continued efficient support of our scientific society.

Our society operates in a rather informal way, but has nevertheless several strong ties among its members, like the conferences and symposia, both regional and international. However, the most universal tie between the global membership certainly is the Newsletter Perla, which is produced since 1974.

For several years already, your generous donations have made the world-wide mailing of the Newsletter possible, also of the latest issue, No. 18, this year. You are rendering a very valuable service to our Society, which is very much appreciated and for which I, the STANDING COMMITTEE, and the Managing Editor of PERLA, Ken Stewart, express our profound gratitude.

I remember our latest encounter at the North American Plecoptera Conference in Provo, Utah, in May this year with great pleasure and look forward to meeting you again, hopefully at the next INTERNATIONAL SYMPOSIUM IN PERUGIA, ITALY, in August next year.

With my very best wishes and kindest regards,

Yours sincerely,

Prof. Dr. P. Zwick



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## ANNOUNCEMENTS

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### **Proceedings of the joint IX International Conference on Ephemeroptera and XIII International Symposium on Plecoptera in Press.**

Eduardo Dominguez reports that the proceedings are in press and expected to be available in April-May, 2001. The title is "Trends in Research in Ephemeroptera and Plecoptera" and publisher is Kluwer Academic/Plenum Publishers.

~~~~~

**Bill Logan** of 165 Lake Street, Upper Saddle River, New Jersey, ties super realistic stoneflies. He devotes a large amount of effort to exploring tying *fishable* realistic patterns, and describes his materials and techniques in flyfishing magazines. In 2000, he began an open ended series of articles in the Japanese fly fishing magazine *Tightloop*.

~~~~~

#### **Aquatic Insect Newsletters Information:**

(1) BRAUERIA, TRICHOPTERA NEWSLETTER is edited by Hans Malicky, with the assistance of Michael Ian Crichton. It may be purchased or obtained by exchange of scientific publications. The price of one copy is 100 Austrian Schilling or 10 Euro or 10 US\$. For subscription or information contact Dr. Hans Malicky, Sonnensgasse 13, A-3293 Lunz am See, Austria.

(2) THE MAYFLY NEWSLETTER is edited by Peter Grant. It is published twice a year and is the official newsletter of the Permanent Committee of the International Conferences on Ephemeroptera. There is no subscription fee. For subscription or information contact Dr. Peter M. Grant, editor, Department of Biological Sciences, Southwestern Oklahoma State University, 100 Campus Drive, Weatherford, Oklahoma 73096-3098 USA or e-mail: [grantp@swosu.edu](mailto:grantp@swosu.edu)

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**The 2<sup>nd</sup> Edition of the 1988 Thomas Say Foundation book "Nymphs of North American Stonefly Genera (Plecoptera)"** by K.W. Stewart and B.P. Stark will be published in late 2001 by Caddis Press. The book updates generic changes and species lists-distributions for the current 103 genera through the year 2000, includes a new section of colored plates of nymph representatives of each family and has over 1100 detailed illustrations.

Contact Brian Armitage, Editor, The Caddis Press, P.O. Box 21039, Columbus, Ohio 43221-0039 USA or e-mail: [armitage.7@osu.edu](mailto:armitage.7@osu.edu) for pre-publication discount pricing and a flyer describing contents of the book.

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## **Other Meetings of Interest:**

**49<sup>th</sup> Annual Meeting of the North American Benthological Society, La Crosse, Wisconsin, June 3-8, 2001.**

The NABS 2001 Program Committee has assembled a record number of 572 presentations on various aspects of benthic science. Local Arrangements Chair is Ron Rada, University of Wisconsin-La Crosse, LaCrosse, WI 54601, USA. E-mail [rada.rona@uwlax.edu](mailto:rada.rona@uwlax.edu)

**38<sup>th</sup> Annual Meeting of the Animal Behavior Society, Oregon State University, Corvallis, Oregon, July 14-18, 2001.** Symposia include. "Aggression and group organization in animal societies," "Behavioral genetics for the next decade," "Detecting and measuring mating preferences," and "Song learning". For further information see

<http://www.animalbehavior.org/ABS/Program>

You may also contact local hosts Andy Blaustein ([blaustea@bcc.orst.edu](mailto:blaustea@bcc.orst.edu)) or Lynne Houck ([houck@bcc.orst.edu](mailto:houck@bcc.orst.edu)).

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## **International Code of Zoological Nomenclature Updated**

The 4<sup>th</sup> edition of the International Code of Zoological Nomenclature is now published, and its recommendations took effect 1 January 2000. One new recommendation is 73C.2.: "An author who establishes a new nominal species- group taxon should publish at least the following data concerning the holotype, if they are relevant and known to the author:...the full locality (including geographic coordinates), date, and other data on the labels accompanying it;..."

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## **CALL FOR SCHOLARSHIP DONATIONS**

Decision in Tucumán by the Standing Committee to increase dues to \$15.00, and allocate the increase (\$5.00) to the Scholarship Fund of the Society (see Subscription Policy on previous page and announcement in Perla 18) should contribute to helping active and deserving workers or students to participate in future symposia.

However, increasing costs of travel and expense involved in traveling internationally project that scholarship support of the full expense of participation may not be possible. Therefore, to maximize the amount of scholarship support that the Society will be able to provide to any one or more recipients, we solicit any consideration members might give to making a donation to the Scholarship Fund to Peter Zwick, Corresponding Secretary of the Society, address inside cover of this PERLA.

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## CURRENT RESEARCH ON PLECOPTERA

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This section is intended to keep society members current on research in progress by other members, workers and students. Please use Editor Stewart's e-mail address (inside front cover) or conventional mail to submit a brief, informative description of your current work, for the next PERLA (20).

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**Ian McLellan of Westport, New Zealand** has completed and has in press a new genus and species of Gripopterygidae (Plecoptera) from the Falkland Islands and a revision of South American Austroperlidae. He is writing up an article on stoneflies of Stewart Island (the smallest and southernmost of New Zealand's main islands) and will present this at the Symposium at Perugia. Other projects are a revision of the New Zealand gripopterygid genera *Nesoperla*, *Megaleptoperla* and *Vesicaperla*. An ongoing project is the work on South American Gripopterygidae with Peter Zwick.

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**The Swiss Stonefly key** is about to be completed. Keys have been tested by both specialists and non-specialists. A few drawings and texts have to be completed, and then the final version will be ready for page setting. The key is going to be published in a volume of Fauna Helvetica, together with the distribution atlas of the Swiss Plecoptera. **Dr. Verena Lubini, Sandra Knispel.**

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### **Dr. Boris Kondratieff's Lab, Colorado State University**

1. Dr. Richard Lechleitner and Boris Kondratieff are continuing their survey of the stoneflies of Mount Rainier National Park. Currently, 75 species are known from the Park.
2. Ralph F. Kirchner and Boris Kondratieff are continuing their inventory of the stoneflies of Smoky Mountain National Park, a project associated with ALL TAXA BIODIVERSITY INVENTORY of the Park. They have completed a successful winter stonefly trip into the Park at the end of February and early March 2001, collecting adults of at least 14 species.
3. Ralph F. Kirchner and Boris Kondratieff are completing several manuscripts describing new species of *Perlesta* and other groups.

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## Research in Dr. Ken Stewart's Lab, University of North Texas

1. Doctoral student John Sandberg continues his study of the systematics, behavior and ecology of the stonefly genus *Isogenoides*. Goals are to describe all life stages and record drumming from reared fresh material. Drumming signals of *I. krumholzi*, *I. olivaceous*, *I. varians*, *I. colubrinus*, *I. elongatus* and *I. frontalis* have been recorded and nymphs of *I. hansonii* are being reared from spring, 2001 collections. Bill Stark, Boris Kondratieff, Stan Szczytko and Fred Kirchner have helped in collection of nymphs.
2. Ken Stewart and Stan Szczytko have recently reared the nymphs of five previously unknown western North American *Isoperla* species (*I. decolorata*, *I. katmaiensis*, *I. denningi*, *I. rougensis* and *I. baumanni*), and have submitted a manuscript describing them. A collecting trip to Oregon is planned by Ken Stewart and Bill Stark in May, 2001 to obtain for rearing nymphs of the remaining three species whose nymphs are unknown. The objective is to develop an illustrated key to nymphs of all western species.
3. Ken Stewart and Bill Stark have completed the manuscript for the 2<sup>nd</sup> Edition of "Nymphs of North American Stonefly Genera (Plecoptera)", that is scheduled to be published by Fall, 2001.
4. Ken Stewart and Mark Oswood have received funds through a National Science Foundation Arctic Archival Observatory Grant to the University of Alaska, Fairbanks, to complete their book on "Stoneflies of Alaska and Northwestern Canada". They have been working on the project since 1980. The book is scheduled for completion by late 2002.

Other projects recently completed include the Plecoptera Chapter in the upcoming Encyclopedia of Insects (Academic Press), study of the life history of *Kogotus modestus* (with John Sandberg) and review and description of the eggs and females of *Setvena* species (with Bill Stark).

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## Dr. Claudio G. Froehlich, University of São Paulo

The State of São Paulo, through its Research Support Foundation, is sponsoring a program (BIOTA/FAPESP) on studies of the State's biodiversity. Several studies are in progress, including those on aquatic insects and other invertebrates. For these, the main collecting area is the Intervales State Park, a well-preserved area 41705 ha in extent. Information may be obtained at [www.biotasp.org.br](http://www.biotasp.org.br).

## **Plecoptera in glacial catchments, John E. Brittain, University of Oslo**

In co-operation with several other institutions and with funding from the European Union, we have been studying the macroinvertebrates of glacial-fed rivers across Europe from the Pyrenees in the south to Spitsbergen in the north, also including sites in the Alps and on Iceland. The fauna is of course dominated by chironomids, but we have also found stoneflies to be quite common, especially in the lower reaches and in non-glacial tributaries. Generalised Additive Models have been developed to express the relationships between macroinvertebrate taxa and environmental variables. The models demonstrated clear responses of stonefly taxa to gradients in water temperature, substrate stability and several other environmental variables such as tractive force and suspended sediment as these changed downstream of glacial sources. As a follow-on from these studies Sandra Knispel, a doctoral student at the Museum of Zoology, Lausanne, Switzerland, has been investigating habitat, life cycles and egg development in several plecopterans in the alluvial flood-plain below the Rhône glacier. Together with Emmanuel Castella of the University of Geneva, who has been responsible for the model development, we plan to present some of these results at the Perugia meeting in August.

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## **Dr. Eduardo Dominguez, Universidad Nacional de Tucumán, Argentina**

Student Mariana Orce, under a current fellowship, has associated the nymphs of two *Anacroneturia* species from Argentina. She plans to visit Bill Stark's lab in Clinton, Mississippi in July, 2001.

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## **Maria del Carmen Zuñiga, Universidad del Valle, Colombia**

Maria's field work on stoneflies has been temporarily suspended because of knee replacement surgery in December, 2000. She hopes to be collecting again soon and plans to be in Perugia in August, 2001. She has been studying nocturnal emergence patterns of a species of *Anacroneturia* with a student and has recently associated the nymphs of 2 Colombian *Anacroneturia* species.

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## **Jane Earle, Pennsylvania Department of Environmental Protection**

Jane is continuing studies of Pennsylvania stoneflies, with major emphasis on the distribution and tolerance of species, especially the tolerance to coal mine drainage and natural acidity/acid precipitation.

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Andy has been on sabbatical, hosted by the U.S. Forest Service in Oxford, Mississippi, working on stoneflies, mussels and stream fishes. He has collected stoneflies at 38 sites in two forested catchments near Hot Springs, Arkansas, in the Ouachita Mountains. The project concerns monitoring the effects of experimental and industrial timber harvest on regional streams. He says the project is going well and he is gaining appreciation for seasonally dry streams. The ecological generalizations of Poulton & Stewart (1991) seem to be standing up pretty well. He will return to Montana in early August, 2001 to pursue other stonefly projects and publish his work with Dick Baumann on biogeography of Great Basin Plecoptera.

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**Shurenkhorloo Purevdorj "Puje"**

"Puje" is a masters' student in the Department of Ecology at the national University of Mongolia. He has studied under John C. Morse. His thesis work is on aquatic insects of Southeastern Mongolia, useful for monitoring water quality relating to gold mining. He wants to study Plecoptera of Mongolia and hopes to participate in our international symposia.

**REPORT ON RECENT ACTIVITIES OF NOEL HYNES**

Editors note: The following is response to my inquiry to Noel Hynes about his activities over the past year.

Thank you for the inquiry, and for your appreciation of my chapter in the Eastern North American stonefly book. It is good to see that appearing now.

The short answer to your query is that I am getting older and less active, but I have had a good year. I am no longer able to scramble about on stream banks, but I do get around a bit. A few weeks ago I was at Tulum in Mexico with my daughter and her husband, walking around the ruins that spooked the Conquistadores and snorkelling in the Caribbean, and I have recently returned from California, where I was invited by Ken Cummins to talk to his students at Humboldt University. It was a joy being back in a classroom with a bunch of good grad students, and I was able to spend a day or two with my grandson who is now an architect in San Francisco. It was the first long journey I have done alone since Mary died, and it did me a power of good.

I have little to report on accomplishments, but I did complete a 200 page autobiography, which has now been published in Holland by Backhuys. But that was only a couple of weeks ago so I have not yet seen it. There is also talk of another publisher's wishing to reissue my Ecology of Running Waters, which still seems to be in much demand despite being very out of date. Otherwise I continue to be around, contributing very little to the world and being well looked after by friends, particularly my neighbour Karin Barton (Davis' wife) who is like a daughter to me.

I look forward to Perla 19 and the new edition of the nymph book, but I doubt I shall make it to the Italian meeting, although I may get to Schlitz later in the year. I have friends in Freiburg whom I would like to visit before I am too old to do so. I do not possess the remarkable toughness of Bill Ricker!

# RECENT PLECOPTERA LITERATURE (CALENDAR YEAR 2000 AND EARLIER)

Note: Unless otherwise indicated, references are to the original title in the language in which the body of the article is written. If titles are given in two languages separated by a slash, the translated title was provided by the author(s) and there is also an abstract in that same language. If the second title is in English but appears in square brackets, an editorial translation of the title was included for the convenience of readers of PERLA, but there is no English abstract.

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### REPORT ON BILL RICKER

In response to Ken Stewart's inquiry to Bill about his health and activities since PERLA 18, his son Eric wrote for him in April that he is sorry to report no activity with stoneflies, and that in February, 2001 Bill suffered a coma and has been in the hospital or nursing home ever since. He says recovery of motor ability continues slowly. Bill expressed interest in seeing the new PERLA and asked where he could get a copy of the "2<sup>nd</sup> Edition of Nymphs of North American Stonefly Genera". Readers may be interested in reading again the reprint in PERLA 18 of a 1984 article in "Sports Illustrated" about Bill by Bob Boyle.

Bill's professional life, stamina and continued interest in stoneflies at age 92 is an inspiration to all of us working in the science. (Editors note: I am sure it would be encouraging to Bill to receive get well wishes from those of us who know him. His address is : Dr. W.E. Ricker, 3052 Hammond Bay Rd. Nanaimo, BC V9T 1E2.)

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