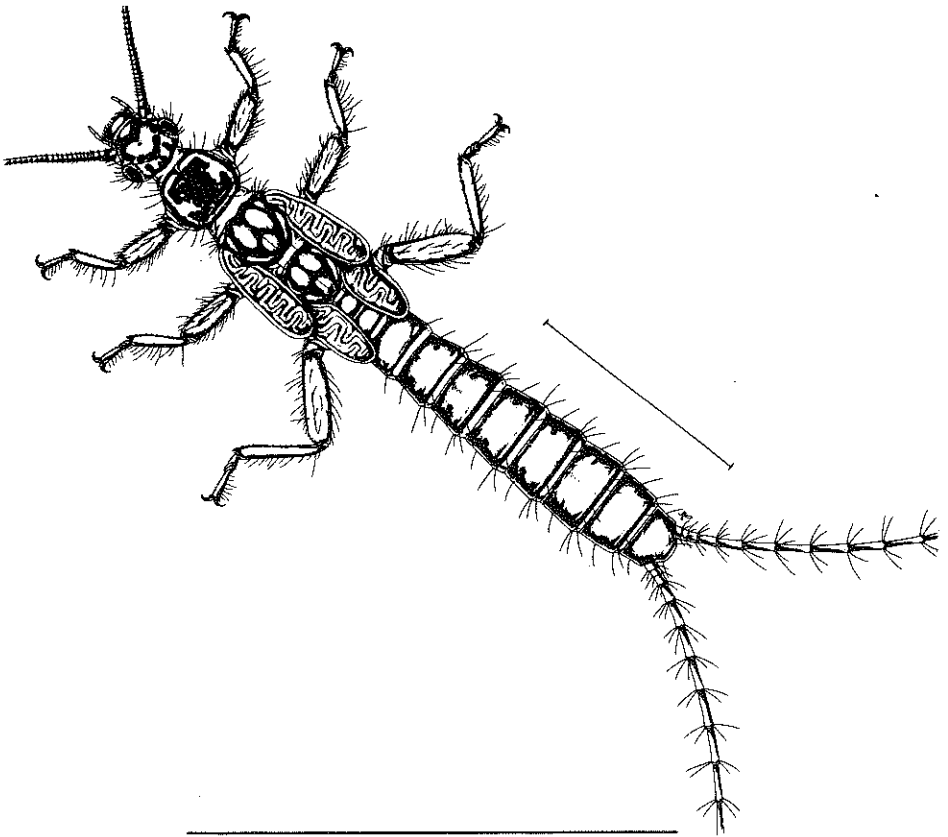

P E R L A

Newsletter and Bibliography of the International
Association of Plecopterologists



No. 12 1994

University of North Texas
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Denton, Texas 76203

PERLA

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

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CHANGES IN PERLA SUBSCRIPTION POLICY

Many of us have enjoyed the benefits of news, announcements and annual Plecoptera literature survey, provided at no cost through the first 11 issues of PERLA. Publication and mailing costs have now become so expensive, and the mailing list so large, that the Institutions of the Managing Editor and Editorial Board are no longer able to completely be responsible for the expense. The matter was discussed at length at the Business Meeting of the XI International Symposium in Treehaven, Wisconsin, and we are now requesting that subscribers that are financially able, make an annual contribution for their continued subscription to PERLA.

We now request that institutions and individuals receiving the current issue No. 12 of PERLA, make a contribution of \$5 or \$10 U.S. to defray the cost of publishing. A self-addressed envelope to the Managing Editor is enclosed with PERLA 12 for your convenience. If you are financially unable to make a contribution, but wish to continue to receive PERLA, please use the envelope to write a brief note informing the Managing Editor of this.

It is important that you respond by either a contribution or request to waive the contribution; these responses shall be the basis for making up the mailing list for PERLA 13 in 1995. The Managing Editor will make a financial report to the International Committee prior to each International Symposium Meeting and this report shall be presented to participants at each Symposium Business Meeting. If there is any excess in funds from contributions over actual costs, it is suggested that this be made available to the International Committee for such purposes as scholarships to help deserving Plecopterologists or students attend International Symposia or other uses determined by the Association.

Important - because of high bank costs for exchanges in some countries, please send your contribution to: *Managing Editor PERLA* in the form of a Bank Note, Cashier's Check or Postal Money Order *designated in U.S. funds*. Be sure not to send cash in the envelope.

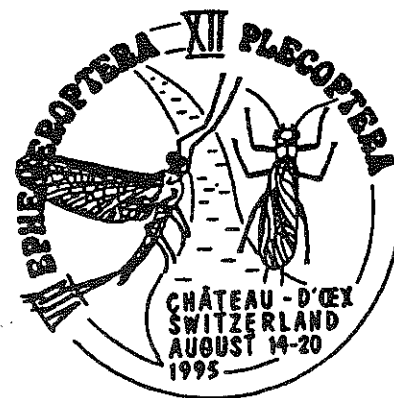
REPORT 1994 MEETING OF NAPS

The 4th North American Plecoptera Symposium, sponsored by the North American Plecoptera Society, will be held in Chattanooga, Tennessee, May 20-22, 1994. The Symposium has been planned and will be hosted by Dr. Charles H. Nelson, of the University of Tennessee, Chattanooga.

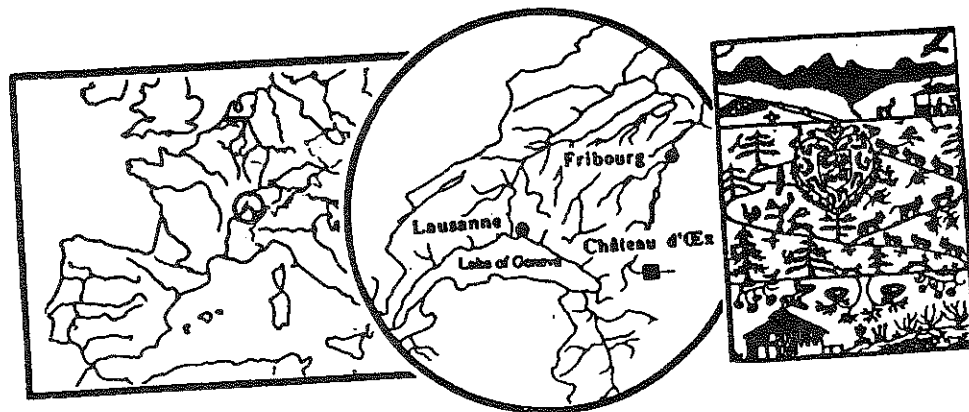
NAPS meetings are held once every two or three years, in between the International Plecoptera Symposia. These meetings are for exchange of scientific information and fellowship among North American workers, and are not intended to conflict with, or substitute for, the most rewarding experiences to be gained with international colleagues at the International Symposia. All NAPS members are encouraged to participate in the next International Symposium in Switzerland (See Announcement in this issue of PERLA).

Current officers of NAPS are: K.W. Stewart, President and C.H. Nelson, Vice President. Dr. Bill P. Stark was the first President of the Society and edits its newsletter "Rolling Stonefly News." For more information about the Chattanooga meeting, contact: NAPS Meeting/Dr. Charles H. Nelson, Department of Biological and Environmental Sciences, 615 McCallie Avenue, The University of Tennessee at Chattanooga, Chattanooga, TN 37403.

FIRST ANNOUNCEMENT VIIIth International Conference on Ephemeroptera 14-18 August 1995



XIIth International Symposium on Plecoptera 18-20 August 1995



Location

The VIIIth International Conference on Ephemeroptera and the XIIth International Symposium on Plecoptera will be held in the tourist resort Château-d'Oex, situated in the Swiss Alps (1000 m above sea level) between the organizing towns, Lausanne and Fribourg. It can be reached easily by car or by train from Geneva or Zurich International Airports.

Schedule

VIIIth Conference on Ephemeroptera: 14 - 17 August 1995
Mayfly-Stonefly joint Symposium: 18 August 1995
XIIth Symposium on Plecoptera: 19 - 20 August 1995

Post-congress tours will be arranged to well-known Swiss localities and neighbouring areas on and after Monday, August 21, 1995.

Program

At least four lectures by internationally known specialists will be given on topics such as:

phylogeny
ecology of freshwaters
river management
protection of endangered species

Oral and poster presentations by participants on all the fields of research connected with Ephemeroptera and Plecoptera are invited. Manuscripts will be reviewed by referees prior to acceptance for publication in the congress proceedings. Field trips as well as social events (visits, receptions etc...) will enhance personal contact between participants, and further knowledge of Swiss traditions and regions.

Timing

The congress of the International Society of Limnology (ISL) will be held on 23 - 29 July, 1995, in São Paulo, Brazil. We hope that this allows adequate travelling time for persons also attending the Swiss congress.

Accommodations

Hotels of different categories, rooms in Swiss chalets, in youth hostels or camping places will be arranged. Meals can be taken individually in diverse restaurants.

Fees (provisional)

Participant at the Ephemeroptera Conference: SFr 250.-
Participant at the Plecoptera Symposium: SFr 200.-
Participant at both congresses: SFr 350.-
For accompanying person: One congress: SFr 100.-
Both congresses: SFr 150.-

Fees include: abstract book and program, field trip, congress dinner, social events, souvenirs as well as a copy of the proceedings.

At the time of printing, 1US\$ = 1.50 SFr.

Special arrangements for people from East European countries will be considered.

Deadline

Further details about the scientific program, program for accompanying persons, accommodations, post-congress tours, the availability of congress scholarships, as well as forms for registration and accommodations reservations will be given in the second announcement.

If you wish to receive further information, please return the reply form not later than

August 1, 1994

to:

Mayfly-Stonefly congress
Museum of Zoology
P.O.Box 448
CH-1000 LAUSANNE 17
SWITZERLAND
Phone: + 41 21 312 83 36
Fax: + 41 21 323 68 40

REQUEST FOR SCHOLARSHIP DONATIONS FOR THE XII INTERNATIONAL SYMPOSIUM

Your Managing Editor and Peter Zwick have corresponded recently regarding the situation that some active Plecopterologists, particularly some of those (for example) from Eastern Europe, are unable to afford to attend our International Symposia. This is a loss felt by us all, since we lose the opportunity to personally meet and share scientific information with these valuable colleagues. I have come to regard the participants of the past several symposia, that my wife and I have attended, as part of our family - the "scientific arm and heart" of our family, so to speak.

Peter and I would like to take this opportunity to encourage any of you who are able, to send a modest donation to a fund we wish to establish for scholarships to help deserving colleagues attend the XII Symposium in Switzerland, and hopefully others that will come in the future. Our proposal is that the International Committee will take up this matter more formally in Chateau-d'Oex, Switzerland, and formulate a recommendation to be voted on by participants. In the meantime, current donations will be administered by the International Committee to help one or more interested colleagues with expenses to attend and participate in the next symposium. Please address 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 checks designated in German DM, and specify "Plecoptera Symposium Scholarship Donation."

IN MEMORIAM

DR. MITSUKO (MADAME) KOHNO

Editor's Note: This tribute to Madame Kohno has been assembled from recent correspondence about her death from her son, Shunsuke Kohno to Bill P. Stark, and notes or letters on her activities, contributions, or collections from Bill P. Stark, P. Zwick, letter to P. Zwick from Professor Aubert, and Shigekazu Uchida. I take full responsibility for any unintended errors or omissions of this narrative, and solicit any corrections to be published in next year's PERLA 13.

Dr. Mitsuko Kohno (known to most of us as Madame Kohno) died of cerebral hemorrhage on December 13, 1992, at the age of 76. This information came in a letter from her son, Shunsuke Kohno, dated December 24, 1993, to Bill P. Stark. Mr. Kohno indicated that articles of Dr. Kohno will be exhibited in a Prefectural Museum at Otsu City in 1996, and that her husband (his father) had died just a few month's earlier than his mother. He wrote that, looking back over her life, she was delighted when she was "doing something with her studies of stonefly and that is why she could meet many of you."

Many of us have fond memories of our association with Madame Kohno at the International Meetings. She attended most (if not all?) of the meetings prior to the Wisconsin Symposium. She published at least 73 stonefly articles, most in Japanese, between 1934 and 1986. Many include descriptions of nymphs of Japanese species. Her writings proposed at least 24 species, one subspecies and three genera. The genera are: *Caroperla*, *Pseudomegarcys* and *Neopeltoperla* (the latter now is considered invalid). Species include *Yoraperla uenoi*, *Nemoura asakawae*, *Capnia flebilis*, *C. yasumatsui*, *C. shirahatae*, *C. asakawae*, *C. fukushimana*, *Takagripopteryx jezoensis*, *T. imamurai*, *Isocapnia japonica*, *Nemocapnia japonica*, *Perlodes frisonanus*, *Pseudomegarcys japonicus*, *Ostrovus mitsukonis* (Okamoto & Kohno), *Isoperla asakawae*, *I. okamotois*, *I. debilis*, *I. aizuana*, *I. azusana*, *I. fukushimaensis*, *Caroperla pacifica*, *Kamimuria tibialis uenoi*, *Haploperla japonica*, *Alloperla jezoensis*, *A. ishikariana*.

On March 10, 1994, Peter Zwick received a letter from Prof. Aubert that contained the following passage, that he described as part of a treasure of memories of old times spent between Prof. Aubert and other students of Plecoptera:

"In 1948, I received a letter from a young Japanese mother who sent me a nice photograph of herself and her first son, aged 4. She apologized that she, a humble citizen of the modest and contemptible Japanese people, dared write to a foreigner. You are right, this was Mrs. Mitsuko Kohno. We have also exchanged postage stamps, but she never wanted to send me stoneflies from Japan in exchange for European species. Later, in 1963, I met her at Plön and she came to visit me the same year. I always found it difficult to communicate with her and to understand her English."

Peter Zwick believes that Aubert's last sentence describes the experience of everybody who met Madame Kohno, and it was his impression too that it was difficult to communicate with her until Heidi Zwick eventually found out that one could very well communicate with her in writing, in English. So, the

Zwicks used to write information down and pass the paper to her, with many bows; a clear and easily understood answer followed immediately, and was returned to them with even more bows. Peter indicated that Dr. Kohno was extremely polite, gentle and generous, and for years had sent Japanese items at Christmas, with very nice cards and brochures on her private museum, and on sake production, which was the family tradition. She was also very proud of her husband's work; he was a Medical Professor and embryologist. One of the last letters Peter Zwick received from Dr. Kohno accompanied her husband's translation of a standard German text on experiments with amphibian eggs into Japanese. Peter, and all of us who knew Dr. Kohno, have always admired that her interest in Plecoptera continued far beyond the period of her active work on the group, and that she continued to attend Plecoptera Symposia at her private expense, even when her health made that difficult for her. We will all miss her at the next meeting.

In 1973, Dr. Richard Baumann visited Madame Kohno in her home town of Aizu Wakamatsu: she was extremely gracious and arranged for him to go collecting with a chauffeur and her college-age daughter, as a translator. She even accompanied him one afternoon, although she did not enter the river to collect herself. She housed Dick at excellent Japanese hotels and invited him once for tea in her home and to visit her sake museum. "Her home was very nice, but the floor of her living room was stacked several feet deep with reprints and journals."

In another recent letter to Peter Zwick, Dr. Shigekazu Uchida, of the Lake Biwa Museum Project Office in Otsu, Japan, indicated that "the latest work in my office was the transport of the specimens and literature collections of Dr. Mitsuko Kohno from Aizu Wakamatsu to Otsu. Most of her types have been saved, although they are dry in the vial."

STONEFLY PUBLICATIONS BY

DR. MITSUKO KOHNO

- Kohno, M. (1934): Notes on *Capnia japonica* Okamoto. - Insect World, Gifu (Japan), 2: 279-289 (in Japanese).
- Kohno, M. (1935): The second notes on *Capnia japonica* Okamoto. - Insect World, Gifu (Japan), 3: 534-537 (in Japanese).
- Kohno, M. (1936): Description of the nymph of *Peltoperla* sp., and a record of a new locality of *Scopura longa* Uéno. - Kontyû, Tokyo, 10: 103-108 (in Japanese).

- Kohno, M. (1937a): Notes on the *Perlodes yarizawana* Uéno and *Scopura longa* Uéno. - Mushi, Fukuoka (Japan), 9: 116-119.
- Kohno, M. (1937b): Descriptions of the nymphs of *Isoperla* spp. and *Isogenus* sp. - Mushi, Fukuoka (Japan), 10: 105-112 (in Japanese).
- Kohno, M. (1937c): Descriptions of the nymphs of *Isoperla* spp. and *Chloroperla* sp. - Mushi, Fukuoka (Japan), 10: 113-119 (in Japanese).
- Kohno, M. (1937d): Records of a new locality of *Perla* sp. (nymph) Nr. 13 and *Taeniopteryx japonica* Okamoto. - Kontyû, Tokyo : 260-265 (in Japanese).
- Kohno, M. (1937e): Breeding of *Capnia japonica* Okamoto. - Insect World, Gifu (Japan), 5: 372-381 (in Japanese).
- Kohno, M. (1937f): *Neoperla nipponensis* McLachlan. (Description of the nymph). - Mushi, Fukuoka (Japan), 10: 18-21 (in Japanese).
- Kohno, M. (1937g): *Perla (Acroneuria) stigmatica* Klapálek. *Perla (Kamimuria) quadrata* Klapálek. (Descriptions of the nymphs.) - Mushi, Fukuoka (Japan), 10: 91-95 (in Japanese).
- Kohno, M. (1937h): On the nymphs of *Perla tinctipennis* McLachlan and *P. seminigra* Klapálek (Plecoptera, Perlidae). - Mushi, Fukuoka (Japan), 10: 96-97 (in Japanese).
- Kohno, M. (1938a): Descriptions of the nymphs of *Nemoura* sp., *Atoperla* sp. and *Perla* sp. - Mushi, Fukuoka (Japan), 11: 46-54 (in Japanese).
- Kohno, M. (1938b): Descriptions of the nymphs of *Isoperla* spp. and *Chloroperla nipponica* Okamoto. - Mushi, Fukuoka (Japan), 11: 55-62 (in Japanese).
- Kohno, M. (1938c): Description of the nymph of *Peltoperla* sp. Nr. 2. - Kontyû, Tokyo, 12: 24-26 (in Japanese).
- Kohno, M. (1940a): A new species of Plecoptera from Japan. - Mushi, Fukuoka (Japan), 13: 13-17 (in Japanese).
- Kohno, M. (1940b): On the nymphs of *Chloroperla abdominalis* Okamoto and *C. nikkoensis* Okamoto. - Kontyû, Tokyo, 14: 165-167 (in Japanese).
- Kohno, M. (1941a): On the nymphs of *Acroneuria joukkii* Klapálek and *Isoperla nipponica* Okamoto. - Kontyû, Tokyo, 15: 87-90 (in Japanese).
- Kohno, M. (1941b): New species of stoneflies from Japan (1). - Kontyû, Tokyo, 15: 132-138 (in Japanese).
- Kohno, M. (1941c): On the *Perla gibba* Klapálek and *P. seminigra* Klapálek, with special reference to their nymphs. - Kontyû, Tokyo, 14: 208-213 (in Japanese).
- Kohno, M. (1941d): Descriptions of the nymphs of *Chloroperla bimaculata* Okamoto, *Chloroperla* sp. and *Isoperla* sp. - Mushi, Fukuoka (Japan), 13: 97-101 (in Japanese).
- Kohno, M. (1941e): The breeding temperature and the food of *Scopura longa* Uéno (larva). - Mushi, Fukuoka (Japan), 14: 33 (in Japanese).

- Kohno, M. (1941f): A new species of stonefly from Japan. - Mushi, Fukuoka (Japan), 14: 34-38 (in Japanese).
- Kohno, M. (1941g): The Japanese name of *Isoperla mitsukonis* Okamoto and Kohno. Mushi, Fukuoka (Japan), 14: 38 (in Japanese).
- Kohno, M. (1941h): Description of the nymph of *Kiotina pictetii* Klapálek and a note on *Nemoura* sp. - Mushi, Fukuoka (Japan), 14: 39-43 (in Japanese).
- Kohno, M. (1941i): Descriptions of male and nymph of *Isogenus (Dictyogenus) japonicus* Okamoto and female of *Isoperla suzukii* Okamoto. - Trans. Kansai Ent. Soc., Osaka, 11: 12-17 (in Japanese).
- Kohno, M. (1942): On the nymphs of the genus *Kiotina*. - Mushi, Fukuoka (Japan), 14: 71-78 (in Japanese).
- Kohno, M. (1943a): New species of Plecoptera from Japan (1). - Mushi, Fukuoka (Japan), 15: 48-53 (in Japanese).
- Kohno, M. (1943b): Notes on the eggs of some species of the family Perlidae (Plecoptera). - Mushi, Fukuoka (Japan), 15: 54-59 (in Japanese).
- Kohno, M. (1943c): An enemy of *Perla (Kamimuria) quadrata* Klapálek. - Mushi, Fukuoka, 15: 59 (in Japanese).
- Kohno, M. (1943d): The removal of the eyes of *Neoperla* sp. (nymph). - Mushi, Fukuoka (Japan), 15: 47 (in Japanese).
- Kohno, M. (1944): Notes on *Niponiella limbatella* Klapálek, with special reference to nymph. - Kontyû, Tokyo, 16: 87-92 (in Japanese).
- Kohno, M. (1946a): My observations of genus *Nogiperla* and genus *Peltoperla* with description of new genus *Neopeltoperla* (Order Plecoptera). - Insect World, Gifu (Japan), 49 (571): 3-15 (in Japanese).
- Kohno, M. (1946b): Corrigenda to my paper, My observation of genus *Nogiperla* and genus *Peltoperla* with description of new genus *Neopeltoperla* (Order Plecoptera). - Insect World, Gifu (Japan), 50: 11-14 (in Japanese).
- Kohno, M. (1946c): Notes on two new species of unrecorded Plecoptera genera from Japan. - Collecting Breed., Tokyo, 8: 28-34 (in Japanese).
- Kohno, M. (1946d): Notes on two new genera of Plecoptera from Japan. - Collecting Breed., Tokyo, 8: 57-65 (in Japanese).
- Kohno, M. (1946e): Observations on the Plecopteran eggs. - Collecting Breed., Tokyo, 8: 194-196 (in Japanese).
- Kohno, M. (1946f): Notes on undescribed species and unrecorded ones of Japanese Plecoptera: 1-14. - Publ. privately at Wakamatsu City (in Japanese).
- Kohno, M. (1947a): Catalogues of Japanese Plecopteran literature (1). - Collecting Breed., Tokyo, 9: 65-71 (in Japanese).
- Kohno, M. (1947b): Catalogues of Japanese Plecopteran literature (2). - Collecting Breed., Tokyo, 9: 113-117 (in Japanese).

Kohno, M. (1947c): A malformation of *Kamimuria tibialis* Pictet (larva). - Collecting Breed., Tokyo, 9: 191 (in Japanese).

Kohno, M. (1947d): On the larva of *Kamimuria tibialis* (Pictet) with a new form (Plecoptera). - Matsumushi, Sapporo, 2: 46-51 (in Japanese).

Kohno, M. (1949): Very rare stonefly of Mt. Asahi, collected by Mr. Shirahata. - Shin Konchū, Tokyo, 3(2): 5 (in Japanese).

Kohno, M. (1950): A sample of the hermaphroditism of *Perla marginata* Panzer. - Shin Konchū, Tokyo, 3(2): 5 (in Japanese).

Kohno, M. (1951a): Notes on *Scopura longa* Uéno of Aizu, Fukushima-Pref. (1). - Collecting Breed., Tokyo, 13: 49-54 (in Japanese).

Kohno, M. (1951b): Notes on *Scopura longa* Uéno of Aizu, Fukushima-Pref. (2). - Collecting Breed., Tokyo, 13: 128-130 (in Japanese).

Kohno, M. (1951c): Description of a new species of *Allocapnia* Claassen with notes on *Allocapnia japonica* (Okamoto) (Plecoptera Capniidae). - Annot. zool. jap., Tokyo, 24: 111-114 (in Japanese).

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Kohno, M. (1951e): On the classification of Plecoptera. - Collecting Breed., Tokyo, 13: 351-353 (in Japanese).

Kohno, M. (1952a): On the genus *Eucapnopsis* Okamoto (Plecoptera, Capniidae), with description of the larva of *E. stigmatica* Okamoto. - Kontyū, Tokyo, 19: 38-44 (in Japanese).

Kohno, M. (1952b): Notes on Japanese Capniidae with descriptions of new species (Plecoptera). - Mushi, Fukuoka (Japan), 23: 17-28 (in Japanese).

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Kohno, M. (1953a): New species of Capniidae (Plecoptera) from Japan. - Philipp. Sci., Manila, 82: 199-206 (in Japanese).

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Kohno, M. (1954b): Stoneflies of Mt. Asahi range (Yamagata Pref.) recorded by Mr. Ko Nagayama. - Shin Konchū, Tokyo, 7(2): 49 (in Japanese).

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Kohno, M. (1957b): *Eucapnopsis stigmatica* Okamoto found in the Himalaya. - Shin Konchū, Tokyo, 10(5):35 (in Japanese).

Kohno, M. (1957c): Stoneflies of the stream of projected Tago Water Plant. - Shin Konchū, Tokyo, 10(12): 43 (in Japanese).

Kohno, M. (1957d): A new locality of *Scopura longa* Uéno. - Shin Konchū, Tokyo, 10(12): 43 (in Japanese).

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Kohno, M. (1964b): Holotype of *Paragnetina bolivari* Klapálek (Insecta, Plecoptera). - Jap. Soc. Syst. Zool. Circular 31: 8 (in Japanese).

Kohno, M. (1968): New description of Plecoptera imagines and nymphs and new recorded species of other insects from Aizu District, and faunal list of stoneflies of Fukushima Prefecture. - Meiji 100th Memorial Number, Aizu Biol. Club: 27-44 (in Japanese).

Kohno, M. (1982a): Notes on the lovely stoneflies of Aizu District. - Insect Club of Fukushima (Fukushima Mushi no Kai) 2: 1-2 (in Japanese).

Kohno, M. (1982b): Some new facts on stoneflies. - Bull. Aizu Biol. Club 20: 3-24 (in Japanese).

Kohno, M. (1983): Plecoptera nymphs inhabiting hot springs and the scientific name of *Neoperla niponensis* (McLachlan). Nature and Insects 18(7): 56-57 (in Japanese).

Kohno, M. (1985): This is the nymph of *Kamimura tibialis* (Pictet). - Konchū to shizen, Tokyo 20(9): 27 (in Japanese).

Kohno, M. (1986): Miscellaneous memories on Plecoptera. - Okera Bull. Ibaraki Entomol. Soc., Mito 54: 18-24 (in Japanese).

IN MEMORIAM JAROSLAV RAUŠER¹

Again, we have lost one of our dear friends and colleagues: Jaroslav Raušer of Brno, Czech Republic, died in May 1993; he leaves his wife and a son. Jaroslav was born in Prague, on 15 December 1925. He was a student of science at Brno and graduated with a thesis on Silesian *Leuctra*; his Ph.D. thesis was on the Zoology of the Danube. He attended the first Plecoptera Symposium at Lausanne (1956), and the ones at Plön (1963) and Abisko (1968).

Jarek always loved to work on stoneflies, even though most of his professional work (as university lecturer and head of department) was in geography, where he produced over 200 publications. Jarek's papers on taxonomy and biogeography of European and Asian² Plecoptera are listed below. They are of lasting importance; all are accompanied by masterful drawings. His work on larval taxonomy has earned him the widest recognition, and will continue to do so. He collected and bred out last instar larvae of most European stoneflies, producing widely used keys, e.g., the one on *Protonemura* (1956). The greater part of his voluminous key to central European stoneflies (which he had with him at Schlitz, in 1968!) finally appeared in 1980.

Jarek spent a month at Schlitz, with Joachim Illies, when I came to know and like him as a helpful experienced elder colleague and as a cheerful friend. This was immediately before the Plecoptera Symposium in Abisko, and we travelled from Schlitz to North Sweden by car (together with Teizi Kawai and Hans Mendl) - it was a very memorable trip!

Despite his cheerfulness, Jarek's life was in fact overshadowed by traumatic experiences under dictatorships, first in the Nazi camp at Dachau during his boyhood, and again when his country was once more occupied, in 1968. He also suffered from diabetes and of the severe complications it inflicted upon him, on top of other personal difficulties. The news of the occupation of Czechoslovakia by the Warsaw Pact arrived during the Plecoptera Symposium at Abisko and cast Jarek into a turmoil of despair and rebellious excitement. He left for home as soon as possible. For years afterwards, Jarek answered no mail from the west, but occasional letters arrived from field trips, e.g. to Bulgaria, under acronyms.

¹This obituary partly relies on biographic and bibliographic information published by F. Gregor at the occasion of Jarek's sixtieth birthday (Acta Ent. Bohemosl. 84, 1987: 159-160). Dr. Jan Helesic is thanked for information in a letter.

²His study of Mongolian Plecoptera was accomplished without access to some types, so that he erroneously assigned an old name to some Perlodidae that were in fact a new genus; I intend to name it in Jarek's honor.

The recent major political changes came too late for Jarek; his health had deteriorated much before there was access to modern treatment. Although he could no longer work with a microscope, his vivid interest in stoneflies remained nevertheless alive. Jaroslav Raušer will be much missed by all his friends and colleagues; we will keep fond memories of him as an excellent stonefly worker, good colleague, and kind friend.

Peter Zwick

The following is a passage from a letter from Prof. Aubert to Peter Zwick on his memories of Dr. Raušer (translated from French by Peter Zwick):

"I was very sad to learn of the death of Jaroslav Raušer. You certainly know that, like myself, he suffered from diabetes. However, he disposed of medical help half a century later than we in the west European countries: no slow insulin, no laser surgery to stop bleeding of the retina, etc. Therefore, he was much earlier than myself struck by the complications the disease involves.

During the war, he was imprisoned in the Dachau camp. He told me 'I had no insulin, but since there were no carbohydrates to eat, I remained in equilibrium.' An example of stoic Czech humor!

I visited him twice in Czechoslovakia, 1965 and 1966. This was very interesting and instructive for me. In 1965, we travelled in the country in my car, together with a botanist friend of his, Jan Smarda. In the car, there was no microphone and nobody could overhear us. If I would tell you about my two trips, and the ones on which he went in Switzerland with me, that would take at least 12 pages."

STONEFLY PUBLICATIONS BY JAROSLAV RAUŠER

(in Czech, unless indicated otherwise; translations of titles that are not his own appear in square brackets)

Raušer, J. (1956a): K poznání pošvatek (Plecoptera) střední Moravice [To the knowledge of stoneflies of the middle reach of Moravice] Zur Kenntnis der Plecopterenfauna der mittleren Moravice. - Acta Soc. zool. bohemoslov., 20: 110-142 (Russian and German summaries).

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UPCOMING BOOK ON STONEFLIES OF EASTERN NORTH AMERICA (EAST OF 100TH PARALLEL)

Dr. Bill P. Stark of Mississippi College, Clinton, Mississippi, USA, initiated a project several years ago to produce a definitive reference book on the Stoneflies of Eastern North America. Dr. Stark will edit the book, with Introductory and Family Chapters authored by various workers as follows: Chapter 1 - H.B.N. Hynes, introduction, historical overview, study of the [nearctic] Plecoptera, Plecoptera biology, summary of biogeography for eastern nearctic Plecoptera; Chapter 2 - C. Riley Nelson and B.P. Stark, Morphology; Chapter 3 - B.P. Stark, Family Keys; Chapter 4 - R.F. Kirchner and K.W. Stewart, Capniidae; Chapter 5 - P.P. Harper, Leuctridae; Chapter 6 - R.W. Baumann, Nemouridae; Chapter 7 - K.W. Stewart and R.F. Kirchner, Taeniopterygidae; Chapter 8 - R.F. Surdick, Chloroperlidae; Chapter 9 - B.P. Stark, Peltoperlidae; Chapter 10 - B.P. Stark, Perlidae; Chapter 11 - S.W. Szczytko, Isoperlinae; Chapter 12 - B.C. Kondratieff, Perlodinae; Chapter 13 - C.H. Nelson, Pteronarcyidae.

Manuscripts are expected in Summer 1994, and Dr. Brian J. Armitage, Director of the Ohio Biological Survey, has given tentative approval for the work to be published by the Ohio Biological Survey.

ASSAULT ON ATLANTIC CANADA: A STONEFLY COLLECTING FORAY TO THE CANADIAN MARITIME PROVINCES

B. C. KONDRATIEFF¹ AND R. W. BAUMANN²

During mid-June 1993, the authors made a two-week collecting trip into Maine and the Maritime Provinces of New Brunswick, Nova Scotia and Prince Edward Island, Canada. Our goal was to collect fresh adult material, especially in the families Nemouridae and Perlodidae. Additionally, we wanted to add to the known stonefly species distributions for the above Canadian provinces. Stark et al. (1986), Ross and Ricker (1971) Harper (1984) and Stanger and Baumann (1933) previously have listed stonefly species from New Brunswick and Nova Scotia. For biogeographical affinities for these species and more complete records, the reader is urged to consult Ricker (1948 and 1964).

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Our collecting efforts resulted in many new provincial records, and have increased the number of stonefly species known (Table 1) from New Brunswick (NB) from 39 to 64, Nova Scotia (NS) from 48 to 57 and Prince Edward Island (PE) from 0 to 18. An asterisk denotes a new provincial record. Detailed collection data and distributions will be given later in a publication on the stoneflies of Atlantic Canada. Voucher specimens of the species listed in Table 1 are deposited in the Monte L. Bean Life Science Museum, Brigham Young University and C. P. Gillette Museum of Arthropod Diversity, Colorado State University.

We would also like to add to the list of the stoneflies of Maine (Mingo 1983) *Leuctra maria* (Hanson) [Somerset County], *Utaperla gaspesiana* Harper and Roy [Somerset County] and *Isoperla cotta* Ricker [Piscataquis and Waldo counties].

Acknowledgments

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Table 1. A list of stonefly species collected in June 1993 from New Brunswick, Nova Scotia and Prince Edward Island, Canada.

Nemouridae	
<i>Amphinemura nigritta</i> (Provancher) NB, NS, PE*	<i>Amphinemura wui</i> (Claassen) NB, NS, PE*
<i>Nemoura trispinosa</i> Claassen NB*, NS, PE*	<i>Ostrocerca albidipennis</i> (Walker) NS
<i>Ostrocerca complexa</i> (Claassen) NB*, NS*	<i>Paranemoura perfecta</i> (Walker) NB, NS, PE*
<i>Podmosta macdunnoughi</i> (Ricker) NB*, NS, PE*	<i>Prostoia completa</i> (Walker) NB*, NS, PE*
<i>Shipsa rotunda</i> (Claassen) NB	<i>Soyedina washingtoni</i> (Claassen) NB*
<i>Soyedina</i> sp. NB, NS, PE*	
Capniidae	
<i>Capnia vernalis</i> Newport NB*	<i>Capnura manitoba</i> (Claassen) NB*
<i>Paracapnia</i> sp. NB*, NS*	
Leuctridae	
<i>Leuctra duplicata</i> Claassen NB, NS, PE*	<i>Leuctra ferruginea</i> (Walker) NB
<i>Leuctra grandis biloba</i> NB*	<i>Leuctra sibleyi</i> Claassen NB
<i>Leuctra tenella</i> (Provancher) NB, NS	<i>Leuctra tenuis</i> (Pictet) NB, NS
<i>Paraleuctra sara</i> (Claassen) NB*, NS*	
Taeniopterygidae	
<i>Taenionema atlanticum</i> Ricker and Ross NB*	
Pteronarcyidae	
<i>Pteronarcys biloba</i> (Newman) NB, PE*	<i>Pteronarcys comstocki</i> (Smith) NB
<i>Pteronarcys dorsata</i> (Say) NB	

Perlodidae

<i>Cultus decisus decisus</i> (Walker) NB*	<i>Isoperla cotta</i> (Ricker) NB*, NS*, PE*
<i>Isoperla dicala</i> Frison NB*	<i>Isoperla francesca</i> Harper NB*
<i>Isoperla frisoni</i> (Illies) NS*, PE*	<i>Isoperla holochlora</i> (Klapalek) NS*
<i>Isoperla lata</i> Frison NB*, NS	<i>Isoperla martynia</i> (Needham & Claassen) NS*
<i>Isoperla signata</i> (Banks) NB, NS	<i>Isoperla similis</i> (Hagen) NB*
<i>Isoperla slossonae</i> (Banks) NS, PE*	<i>Isoperla transmarina</i> (Newman) NB*, NS*, PE*
<i>Isoperla</i> spp. NB, NS, PE	<i>Malirekus iroquois</i> Stark and Szczytko NB*

Chloroperlidae

<i>Alloperla atlantica</i> Baumann NB, NS, PE*	<i>Alloperla banksi</i> Frison NB*, NS
<i>Alloperla caudata</i> Frison NB, NS	<i>Alloperla concolor</i> Ricker NB*, NS*
<i>Alloperla leonarda</i> Ricker NB*	<i>Haploperla brevis</i> (Banks) NB, NS, PE*
<i>Haploperla orpha</i> (Frison) NB	<i>Sweltsa lateralis</i> (Banks) NB*
<i>Sweltsa naica</i> (Provancher) NB*, NS, PE*	<i>Sweltsa onkos</i> (Ricker) NB, NS, PE*

Perlidae

<i>Acroneuria lycorias</i> (Newman) NB*, NS*	<i>Agnentina capitata</i> (Pictet) NB, NS, PE*
<i>Paragnetina media</i> (Walker) NB	

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