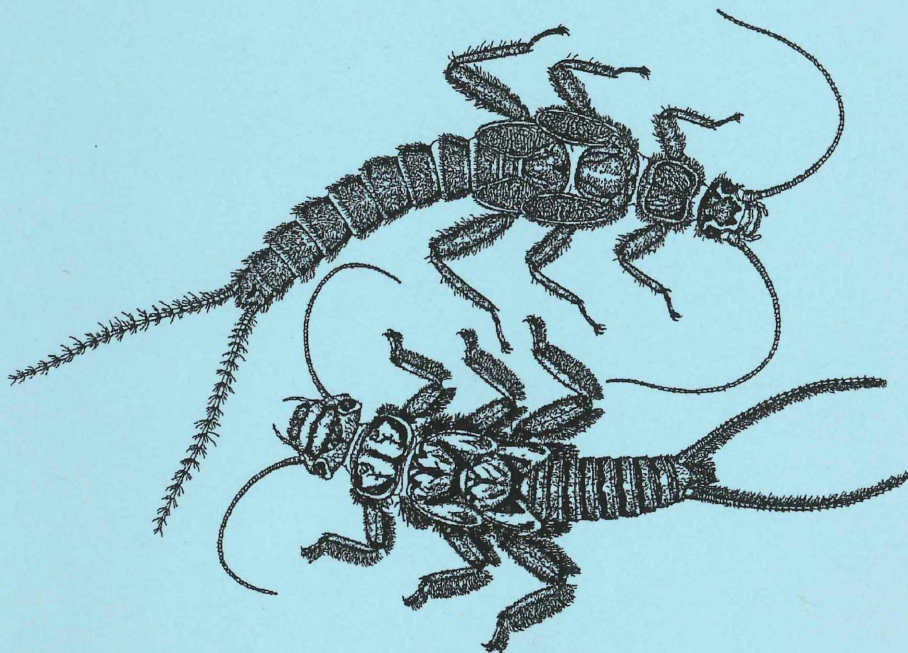

PERLA

Newsletter and Bibliography
of the
International Society of Plecopterologists



PERLA No. 22, 2004

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 is an *Isocapnia* and an *Acroneuria* Nymph habitus from the frontispiece of the 2002 Second Edition of “Nymphs of North American Stonefly Genera (Plecoptera)” by K. W. Stewart and B. P. Stark.

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PERLA SUBSCRIPTION POLICY

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 22 in one of the following ways, in order to be kept on the mailing list for PERLA 23: (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 22) for your convenience in responding.

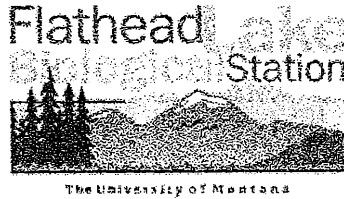
You may send your dues or donation in the form of a personal check, bank note, cashier's check, or postal money order designated in U.S. funds to the Managing Editor. Because of high bank costs for exchange in some countries, you may send cash, in which case the Managing Editor will respond with a personal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

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. Landoit & M. Sartori
XIII.	Tucumán, Argentina	Aug. 1998	E. Dominguez
XIV.	Perugia, Italy	Aug. 2001	Elda Gaino
XV.	Flathead Lake, Montana, USA	Aug. 2004	J. A. Stanford



***XI International Conference
on Ephemeroptera
XV International Symposium
on Plecoptera
2004 Joint Meeting***

August 22 - 29, 2004

Flathead Lake Biological Station
The University of Montana
Polson, Montana (USA)
For information go to Website:

www.umt.edu/flbs

or

<http://flbs.umt.edu/conference/>

Abstracts and Early Registration were Due April 30, 2004
Late Registration Deadline – May 28, 2004

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

The Seventh North American Plecoptera Symposium, hosted by Kevin Alexander and Ken Stewart was held on the campus of Western State College of Colorado, Gunnison, Colorado, June 6-8, 2003. Nineteen papers, including posters, were presented in the scheduled sessions. On Saturday morning there was a roundtable discussion on "The Past, Present and Future of Plecoptera Research", and in the afternoon participants and accompanying persons were bused to the beautiful mountain area near Gothic, north of Gunnison, where they were given a tour of the Rocky Mountain Biological Laboratory and informed of research projects at the Laboratory by Director Ian Billick and had the opportunity to hike and collect local streams. A special evening dinner was prepared at the Laboratory Dining Hall, followed by the keynote address, "Scales of Space, Time and Society in the Study of Stoneflies", given by Riley Nelson. Lodging was provided overnight in RMBL cabins and breakfast Sunday morning was followed by a collecting trip to various streams in the Gunnison Basin. The meeting ended with a late afternoon hamburger cookout by Ken and Francene Stewart in the quaint old mining town of Pitkin, CO. Participants had a great meeting, good food and the usual heart-warming fellowship.

Program and List of Papers Presented

THURSDAY, JUNE 5 - Hurst Hall Foyer

Registration and check-in at Hurst Hall Foyer.

FRIDAY, JUNE 6 - Oral Presentations

8:00 a.m. - Continental Breakfast

Introductory Session - Hurst Hall Room 230

9:00 a.m. - Welcome

Kevin Alexander and Ken Stewart - Co-Hosts

John Sowell, Ph.D. - Vice President of Academic Affairs

9:20 a.m. - Geology of the Gunnison Basin – Allen Stork,
Western State College

9:40 a.m. - Human History of the Gunnison Basin –
Duane Vandebusch – Western State College

10:00 a.m. - Stonefly Research in the Gunnison Basin –
Wendy Brown – Rocky Mountain Biological Labs

10:20 a.m. - Break

Session I – Hurst Hall Room 230

11:00 a.m. - The Current Status of the Plecoptera or
Stoneflies of North America.

Boris Kondratieff, Department of Bioagricultural Sciences
and Pest Management, Colorado State University, Fort
Collins, CO 80523.

11:20 a.m. - Distributional Studies on Indiana and
Michigan Plecoptera.

Scott Grubbs, Department of Biology, and Center for
Biodiversity Studies, Western Kentucky University, Bowling
Green, KY 42101.

11:40 a.m. - Stoneflies (Plecoptera) from Mt. Misery
Brook in the New Jersey Pinelands, with New Stonefly
Records for New Jersey.

Jane Earle, Department of Environmental Protection,
Bureau of Watershed Management, PO Box 8555,
Harrisburg, PA 17105-8555. Email, jearle@state.pa.us

12:00 Lunch

1:45 Group Photograph (Hurst Hall Entry)

Session II – Hurst Hall Room 230

2:00 p.m. - A Phylogenetic Analysis of Plecoptera Using
Molecular and Morphological Characters.

Matthew Terry, Brigham Young University, Provo, UT.

2:20 p.m. - Description of *Isoperla muir*, a New Species of Western Nearctic *Isoperla* from Muir Creek, Oregon and New Description of the Nymph of *Isoperla tilasqua* Szczytko and Stewart (Plecoptera; Isoperlinae).

Stanley W. Szczytko, College of Natural Resources, University of Wisconsin, Stevens Point, WI 54481 and **Kenneth W. Stewart**, Department of Biological Sciences, University of North Texas, Denton, TX 76203.

2:40 p.m. - A Review of the North American Genus *Lednia* (Plecoptera: Nemouridae).

Richard W. Baumann, Integrative Biology, Brigham Young University, Provo, UT 84604 and **Boris C. Kondratieff**, Biological Sciences and Pest Management, Colorado State University, Fort Collins, CO 80523.

3:00 p.m. - Break

Session III - Hurst Hall Room 230

3:30 p.m. - Morphology of the Hammer Region of *Pteronarcys* (Plecoptera: Pteronarcyidae) and a Review of Hypotheses Concerning the Number of Origins for this Region in Systelognatha.

Charles H. Nelson, Biological and Environmental Sciences, University of Tennessee-Chattanooga, TN 37403.

3:50 p.m. - Preliminary Life History Notes on Some Stoneflies from an Intermittent Stream - Permanent Spring Continuum.

Scott Grubbs, Christopher Thomas, and Benjamin Hutchins Department of Biology, and Center for Biodiversity Studies, Western Kentucky University, Bowling Green, KY 42101.

4:10 p.m. - *Anacroneuria* from Mexico and Upper Mesoamerica (Plecoptera: Perlidae). **Bill P. Stark, Department of Biology, Mississippi College, Clinton, MS 39058 and **Boris C. Kondratieff**, Department of Bioagricultural Sciences and Pest Management, Colorado State University, Fort Collins, CO 80523.**

4:30 p.m. - Business meeting - Hurst Hall, Room 230

5:00 p.m. - Adjournment

SATURDAY, JUNE 7

8:00 a.m. - Continental Breakfast

Session IV - Hurst Hall Room 230

**9:00 a.m. - Drumming Signals of North American
Isogenoides (Plecoptera: Perlodidae).**

John Sandberg, Department of Biological Sciences,
University of North Texas, Denton, TX 76203.

**9:20 a.m. - Plecoptera Hosts Harboring "Gut Fungi"
(Harpellales) in North America: Seeking Advice and
Collaboration.**

Merlin M. White and Robert W. Lichtwardt, Department
of Ecology and Evolutionary Biology, University of Kansas,
Lawrence, KS, 66045-2106.

**9:40 a.m. - Draft Key to the Plecoptera of Gunnison
County**

Wendy Brown, The Rocky Mountain Biological Laboratory,
P.O. Box 1451, Crested Butte, CO 81224.

Poster Session - Hurst Hall Second Floor Foyer

10:00 a.m. - Poster session

**The Life History of a Colorado Population of *Kogotus
modestus* (Plecoptera: Perlodidae).**

Kenneth W. Stewart and John B. Sandberg, Department
of Biological Sciences, University of North Texas, Denton,
Texas 76203.

**A Virtual Mask and Snorkel: Using Underwater
Photography To Aid Scientific Communication And
Freshwater Conservation.**

Robert E. Zuellig, Department of Fishery and Wildlife
Biology and

Jeremy B. Monros, Department of Biology, Colorado State
University, Fort Collins, CO 80523.

Nocturnal Emergence Patterns of Four Species of *Anaconeuria* (Plecoptera: Perlidae) in a Tropical Interandean Stream (Colombia – South America).

María del Carmen Zúñiga and Johanna Ballesteros,
Universidad del Valle. Escuela de Ingeniería de los Recursos
Naturales y del Ambiente. Apartado Aéreo 25360, Cali-
Colombia. azuniga@emcali.net.co and **Mauricio Grisales
H**, Pontificia Universidad Javeriana. Facultad de Estudios
Rurales y Ambientales. Plan de Estudios de Ecología.
Santafé de Bogotá-Colombia.

**11:00 a.m. – Roundtable discussion on the past, present
and future of Plecoptera research.**

12:00 noon

2:00 p.m. – Depart for RMBL from Hurst Hall parking lot.

3:15 p.m. – arrive at RMBL – Introduction and Tour by Ian
Billick, Director, Rocky Mountain Biological Labs.

4:00 p.m. – collecting and hikes.

6:00 p.m. – Dinner at RMBL dining hall.

**7:30 p.m. – Keynote address: “Scales of Space, Time,
and Society in the Study of Stoneflies” Riley Nelson**,
Integrative Biology, Brigham Young University, Provo, UT
84604.

SUNDAY, JUNE 8

7:00 a.m. – Breakfast at RMBL dining hall.

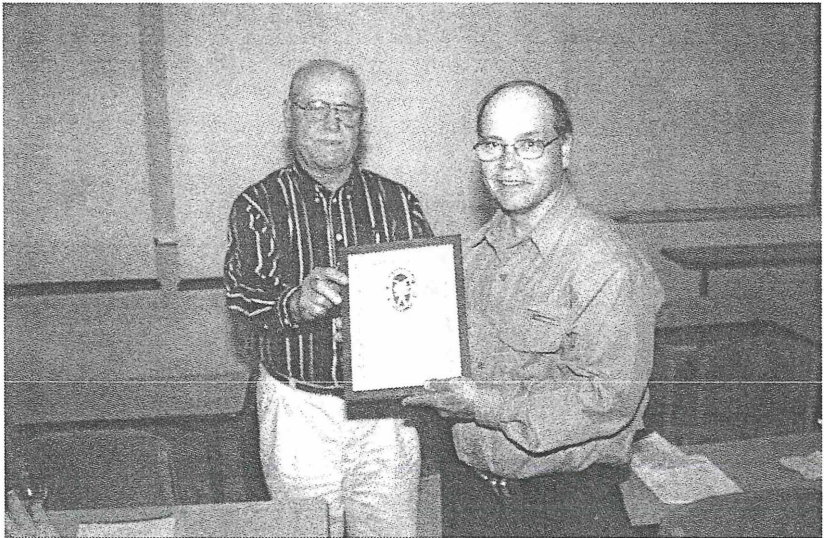
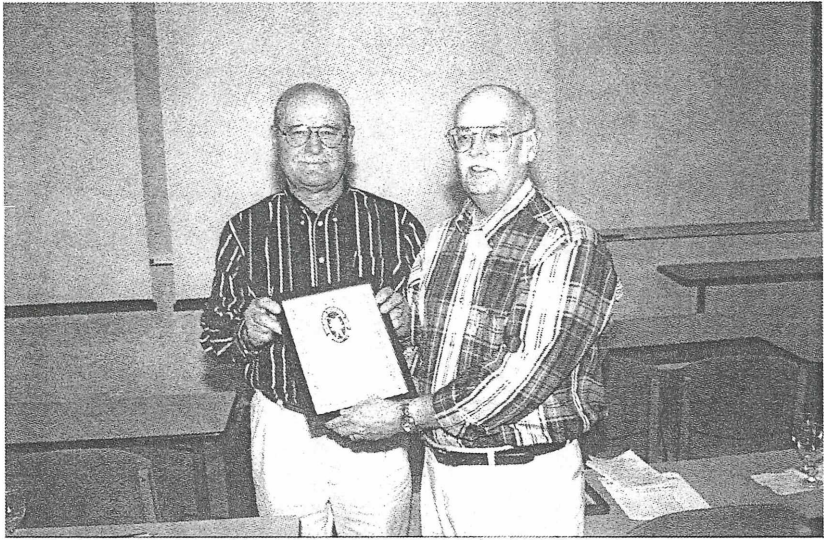
9:00 a.m. – Departure for field trip (snacks and lunch
provided)

Late afternoon – Hamburger cookout in Pitkin, CO.
Farewells by participants.



2003 NAPS Group Photo of Participants
(Courtesy Kevin Alexander)

Following eight photos courtesy of Riley Nelson



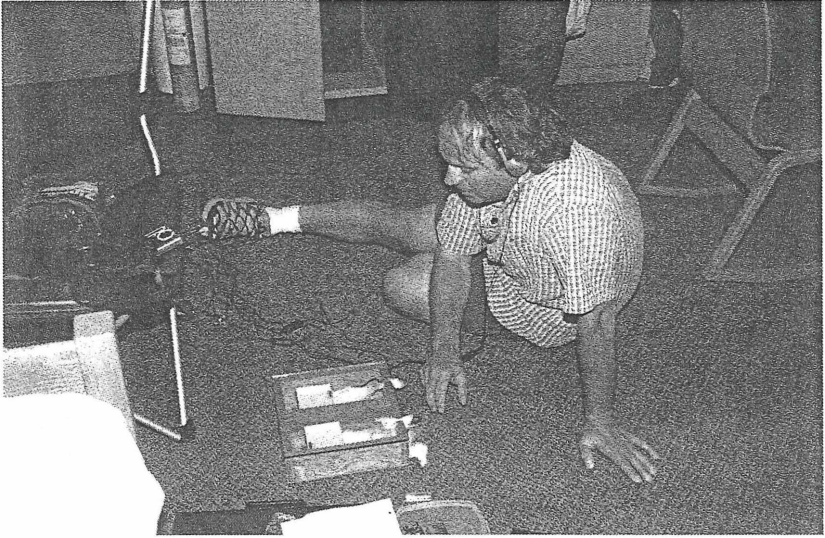
Ken Stewart presenting awards to Bill Stark and Stan Szczytko
on behalf of Don Webb for doing NABS Plecoptera Bibliographies



Jane Earle, Shawn Clark and Dick Baumann



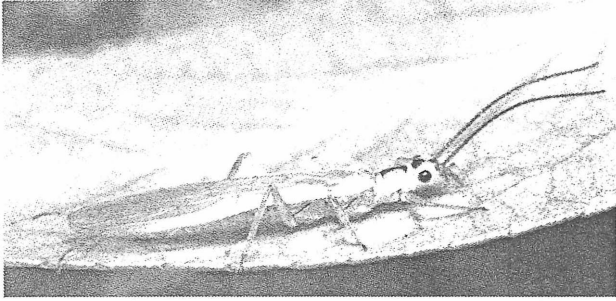
Maria Zúñiga and Jane Earle sorting collection



John Sandberg demonstrating stonefly drumming



Participants collecting on Tomichi Creek



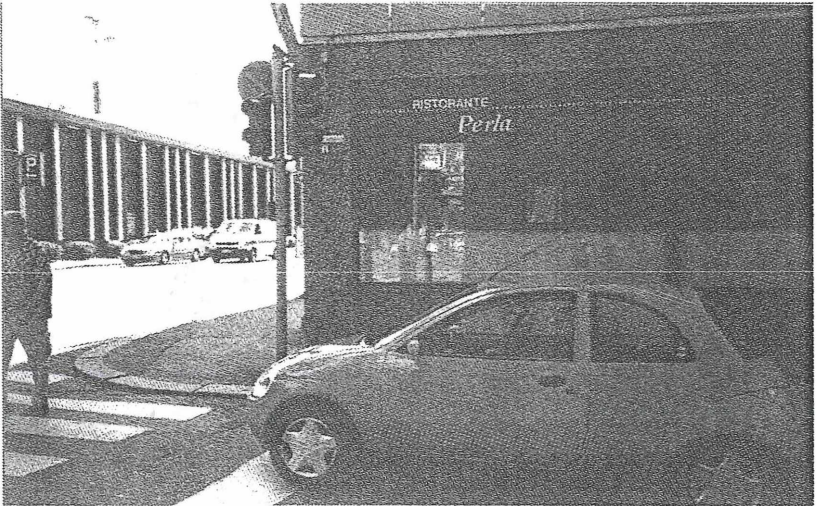
Triznaka on a leaf (by Riley Nelson)



NAPS organizer Kevin Alexander



Participants waiting for dinner at RMBL dining hall
(photo courtesy Ken Stewart)



A restaurant named Perla Tampere, SW Finland
– should be a great place to eat
(sent courtesy Andy Nimmo)

History of North American Plecoptera Society Meetings

The North American Plecoptera Society has met in symposia every three years since 1985. The meetings have preceded by one year the Symposia of the International Society, which also meets every three years.

Symposium	Place	Date	Organizer
I.	Sacramento, CA California State U.	June 18-20, 1985	Bill Shepard
II.	Clinton, MS Mississippi College	May, 1988	Bill P. Stark
III.	Ft. Collins, CO Colorado. State U.	May 17-19, 1991	Boris C. Kondratieff
IV.	Chatanooga, TN U. of Tennessee	May, 1994	Charles H. Nelson
V.	Montreal, Quebec CA U. of Montreal	June 6-8, 1997	Peter P. Harper
VI.	Provo, UT Brigham Young U.	May 24-27, 2000	Richard Baumann C. Riley Nelson
VII.	Gunnison, CO Western State College	June 6-8, 2003	Kevin Alexander
VIII.	Shawnee Hills Illinois (Upcoming)	June, 2006	Don Webb and Ed DeWalt

OBITUARY OF DR. GERALD F. KRAFT

submitted to the managing editor
by Cheryl Kraft

Dr. Gerald F. (Jerry) Kraft, 75, of Yachats, OR passed away August 16, 2003. He was born February 22, 1928 in Salinas, California.

Jerry's academic background included a Ph. D. in Entomology, Oregon State University (Minors in Microbiology and Zoology), 1963; an M.S. in Entomology, Washington State University (Minor in Bacteriology), 1956; and a B.A. in Biological Science, San Jose State College, 1954. He attended City College of San Francisco, 1947, 1950.

His teaching career began at Oregon State University and continued for thirty-six years at Western Washington University in Bellingham, Washington where he taught Biology, Zoology, Ecology, and Entomology.

At WWU, he co-founded the Institute for Freshwater Studies, was University chief premedical advisor for twenty years, and served as chairman of the Biology Department. He was an exchange faculty with Asia University, Tokyo, Japan, on three separate occasions.

Upon retirement in 1998, Jerry moved to Yachats, Oregon, where he became actively involved in community and political life. He volunteered as an interpretive guide at Cape Perpetua and was a member of the Yachats Parks and Commons Commission. He was elected to the Yachats City Council in 2000. Jerry was on the Economic Alliance Development Board and an active member of the Mid-Coast Watershed Enhancement Board where he gathered information on macro invertebrate distribution, and trained volunteers to sample insects for stream quality assessment.

Recent projects/papers include:

1993, 1994. Work on sensitive species of stream macro invertebrates in Olympic N. F., Mt. Baker-Snoqualmie N. F., and North Cascades N. P.

1994. Biodiversity of the Kuril Archipelago. (NSF Grant University of Washington) Report on stoneflies collected in August and September 1994.

1995. Okanogan National Forest (Challenge Grant). Effects of forest practices on stream insects.

1995-1996. Stream insects in the Thunder Creek watershed in North Cascades National Park.

1997. Teslenko, V., Minakawa, N., Kraft, G. & R. Gara. Stoneflies of the Southern Kuril Islands. pp. 193-198 in: P. Landolt and M. Sartori, Eds. Ephemeroptera and Plecoptera Biology-Ecology-Systematics. Mauron+Tinguely, et al. Fribourg/Switzerland

1999. Minakawa, N., & G. Kraft. 1999 Winter diets of Coho fry in a small stream and adjacent pond in Washington State. *J. Freshwater Ecol.* 14(2)249-254

2001. Sherk, T., Rau, G., & G. Kraft. 2001. Emergence of Plecoptera From Findley Lake, Washington.

He attended the XII International Symposium on Plecoptera, Lausanne, Switzerland and the XIV International Symposium on Plecoptera, Perugia, Italy. He is survived by his wife, Cheryl, three children and four grandchildren.

CALL FOR SCHOLARSHIP DONATIONS

Scholarships are made available by our Standing Committee to help active workers or students of Plecoptera, who do not have sufficient funds to participate in our International Symposia. The Scholarship Fund of the Society is supported in part by the membership dues / PERLA subscription and by donations made by members. The Fund is supporting 3 scholarships for the upcoming Montana Symposium, and we solicit any consideration members might give to make a donation to the Fund. Donations can be sent to Peter Zwick, Corresponding Secretary of the Society (address inside cover of this PERLA) or to the Managing Editor.

CALL FOR 2007 SYMPOSIUM ORGANIZER PROPOSALS

Proposals are solicited to host and organize a joint meeting of the XIII International Conference on Ephemeroptera and XVI International Plecoptera Symposium for 2007. Selection will be decided by the mayfly and stonefly committees during the 2004 Montana meeting. If you are interested in making a proposal, please contact Peter Zwick for guidelines before July 1, 2004.

CURRENT RESEARCH ON PLECOPTERA

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 (23).

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**Michael A. Chadwick** has just finished his PhD at the University of Maine where he investigated benthic communities of intermittent streams with some particular interest in *Paranemoura perfecta* biology.

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Dr. Boris Kondratieff of Colorado State University and **Ralph F. Kirchner** are in the process of describing a new *Haploperla* from North Carolina.

2. With Dave Lenat and Fred Kirchner, is working on unique North Carolina stoneflies.
3. Is co-author with Bill Stark on the upcoming Western North American Naturalist Monograph paper "*Anacroneuria* of Mexico".

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**Sandra J. Walde**, Department of Biology, Dalhousie University, Halifax, NS, Canada, is beginning a research project on stonefly dispersal in Nova Scotia in an area where streams are isolated from each other and from other systems. The streams originate near the top of a basalt ridge suspected of being a refuge during the last glaciation, and they drain into the Bay of Fundy. She hopes ultimately to look at the impact of adult dispersal on population dynamics. She is trying to use stable isotopes as markers to estimate dispersal. She is consulting with Stan Szczytko on her local *Isoperla* species.

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**Dr. Truman Sherk** of Branford, CT is writing a paper on “Insect emergence from Findley Lake in the Cascade Mountains, USA, after early and late thaws”.

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**Dr. Robert A. Cannings** has recently finished a draft of a short overview of the families of British Columbia Plecoptera for a project he is working on with Geoff Scudder of the University of British Columbia on a treatment of BC insect families. It will include illustrated keys to adults and short summaries about the families. It is meant to be for the non-expert and will be put on the web.

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**Dr. Andy Sheldon** is established in his Florida retirement place. He is preparing for his talk for the August, 2004, Flathead Lake Joint International Meeting of Mayfly and Stonefly workers. He is also looking at species and generic diversities among families of stoneflies at various spatial scales for a recent Forest Service Project in the Oachita Mountains of Arkansas.

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**Donna Giberson** of the University of Prince Edward Island has been collecting stoneflies in the Canadian Province of Nunavut in recent summers, and will do so again in summer, 2004. She has set up a collaboration with Nunavut Arctic College in Rankin Inlet where they will be monitoring a malaise trap beside a large tundra river all summer and collecting in the river itself. Donna and Ken Stewart plan to eventually publish on the stoneflies of this recently delineated province.

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**Ian McLellan** of Westport, New Zealand is continuing his work on New Zealand Gripopterygidae genera *Apteryoperla*, *Megaleptoperla*, *Nesoperla* and the notonemourid genera *Spaniocerca* and *Spaniocercoides*. He has also started a new project on the South American gripopterygid genus *Notoperla*.



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**Ken Stewart, University of North Texas**

1. A study of Nunanut stonefly diversity is underway with Donna Giberson of University of Prince Edward Island.
2. The manuscript for a book with Mark Oswood “Stoneflies of Alaska and Western Canada” is near completion, only awaiting the addition of hundreds of new regional locality records. The draft now has 106 full page plates and 696 figures covering the approximately 155 species of the northwestern corner of North America.
3. Doctoral student John Sandberg has completed his study of the systematics, drumming behavior, ecology and capacity of eggs for extended diapause of the stonefly genus *Isogenoides*. A dissertation and manuscript for publication is anticipated by Fall, 2004.
4. Ken and Stan Szczytko have submitted a manuscript describing a new *Isoperla* species from Oregon and are still searching for mature nymphs to be reared and described for *Isoperla gravitans*.
5. Ken recently collected a good series of the rare southern California stonefly *Calileuctra dobryi* with Eugene Drake, and several *Isoperla* nymphs for rearing in Oregon with Brian Armitage.

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**Dr. Bill Stark, Mississippi College.**

1. With Ken Stewart has begun a project to rear and describe *Sweltsa* nymphs.
2. With Ignac Sivec is working on oriental stoneflies – Peltoperlidae, Perlidae, Styloperlidae and Leuctridae.
3. Has recently completed editing the 2<sup>nd</sup> Volume of “Stoneflies of Eastern North America” to include Rebecca Surdick’s chapter on Chloroperlidae, Boris Kondratieff’s chapter on Perlodidae (excluding *Isoperla*) and Bill’s chapter on Perlidae.
4. Is working on an SEM study of Mississippi *Allocapnia* nymphs.
- 5 with Maria Zúñiga is working on a chapter of “Stoneflies of South America” as part of a project book on Aquatic Insects of South America.

**Dr. Richard Baumann**, Monte L. Bean Museum, Brigham Young University.

1. Working on species of the genus *Perlomyia* with Bill Stark.
2. Continuing on his revision of *Malenka*, planned for completion by 2006.
3. Continuing with revisions of several Nemoiridae genera, including curation of the BYU collection.
4. A Western North American Naturalist monograph will soon be published that includes 3 major stonefly publications including "*Anacroneuria* of Mexico" by Bill Stark and Boris Kondratieff, "Revision of *Isocapnia*" by Dick and his former student J. T. Zenger and a "Revision of *Paracapnia*" by Bill Stark and Dick. Non-subscribers to Western N.A. Naturalist can purchase copies by contacting Dick Baumann at [<richard\\_baumann@byu.edu>](mailto:richard_baumann@byu.edu).

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**Dr. Barry Poulton** and **Bob Zuellig** are working on "Stoneflies of Missouri".

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## ANNOUNCEMENTS

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**Ken Stewart** helped NABS members with stonefly nymph identifications at the Taxonomy Fair in Athens, Georgia at the 51<sup>st</sup> Annual Meeting in May, 2003, and will do this again at the 52<sup>nd</sup> Annual Meeting in Vancouver, B.C., Canada, in June, 2004.

He also conducted a Stonefly Nymph Identification workshop for 36 Northwest Macroinvertebrate Taxonomists at Pacific University, Forest Grove Oregon on April 23,24. The workshop was sponsored by the Xerces Society.



### **2006 North American Plecoptera Society Meeting**

Society members at the 2003 Gunnison, Colorado, meeting accepted an invitation by Don Webb and Ed DeWalt to hold their 2006 meeting in the beautiful Shawnee Hills of southern Illinois. The area is located about 3 hours travel time southeast from St. Louis, Mo. The exact dates have not been set, but will probably be either June 2-4 (Fri-Sun) or 9-11. Exact dates will be announced in future PERLAs or contact Don Webb or Ed DeWalt at the Illinois Natural History Survey, Natural Resources Bldg. Rm. 296a, 607 E. Peabody Dr. Champaign, IL 61820.

The University of Illinois runs the Dixon Springs Agricultural Experimental Station in the Shawnee Hills and hosts conferences. This facility offers dormitory style housing (some rooms with private baths), kitchen facilities, and a meeting hall. Don and I stay at this facility regularly and find its accommodations adequate, and the price is right! Rooms with private baths run \$17 per night per person, while semiprivate rooms cost \$15/night. The use of the entire complex is included in the room cost, so no other expenses will be incurred for facilities. There is room for up to 40 people. Other board may be had within 12 miles at Vienna where two moderately priced, new, motels exist. Mark Wetzel, an INHS aquatic oligochaete taxonomist, has offered to be cook during the conference. A small registration fee will cover meals and refreshments.

The Shawnee Hills provide the best stonefly collecting in the state. These vaulted bluffs of sandstone and limestone are home to some of the most important collecting locations of Frison and Ross. Lusk Creek, Bay Creek, Burden Falls, and Gibbons Creek are only short drives from Dixon Springs.

We will coordinate transportation to collecting locations and work to get a blanket permit from the state DNR and USDA-FS. Much of the area is contained within the Shawnee Hills National Forest; therefore, it has been largely protected over the past century. One could expect to collect a fauna similar to that found in the nearby Ozarks of Missouri and Arkansas.

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The XXII International Congress of Entomology will be held in Brisbane, Australia, August 15-21, 2004. For further information on the congress, accommodations, travel and registration, you can visit the congress website at: [www.ice2004.org](http://www.ice2004.org)

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The National Institute of Water and Atmosphere in New Zealand (NIWA) has a website of interest to plecopterologists and other freshwater workers. Included is a host of other interesting information. At <http://www.niwa.co.nz> is a guide to identification of NZ Plecoptera by Brian J. Smith and an updated checklist of NZ stoneflies by Ian McLellan.

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The North American Benthological Society is co-sponsoring the ASLO Aquatic Sciences meeting February 20-25, 2005 in Salt Lake City, Utah, USA, along with Geological Society of America and The Nature Conservancy. Organizers of the ASLO meeting have invited members of these co-sponsors to submit suggestions for symposia topics and to submit specific topical oral or poster sessions papers for the meeting.

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A limited printing of the 2<sup>nd</sup> Ed. of "Nymphs of North American Stonefly Genera (Plecoptera)" is still available from Caddis Press. Contact Editor Brian Armitage at The Caddis Press, P.O. Box 21039, Columbus, Ohio 43221-0039.

## RECENT PLECOPTERA LITERATURE (CALENDER YEAR 2003 AND EARLIER)

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