

**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 Vandenbusche – 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).

Maria 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.

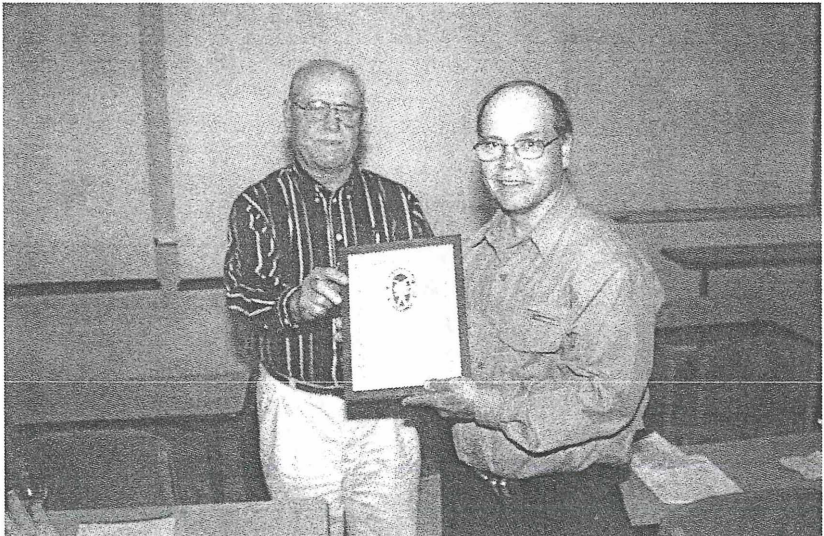
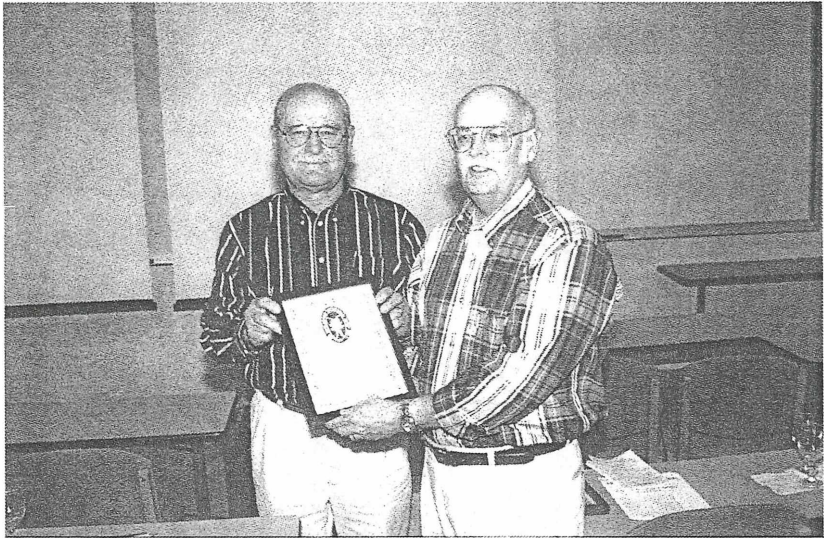
9:00 a.m. – Departure for field trip (snacks and lunch
provided)

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



2003 NAPS Group Photo of Participants
(Courtesy Kevin Alexander)

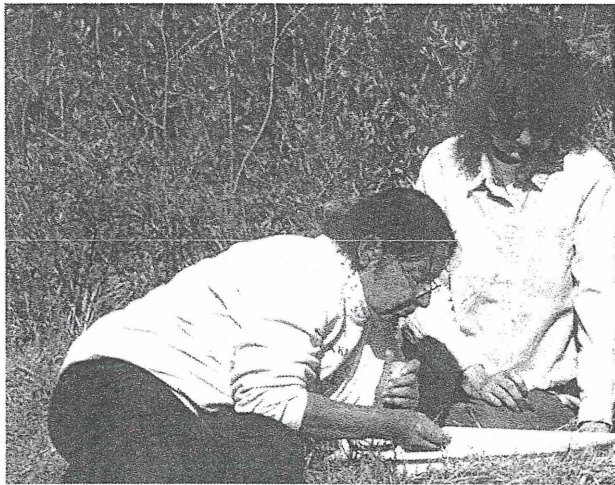
Following eight photos courtesy of Riley Nelson



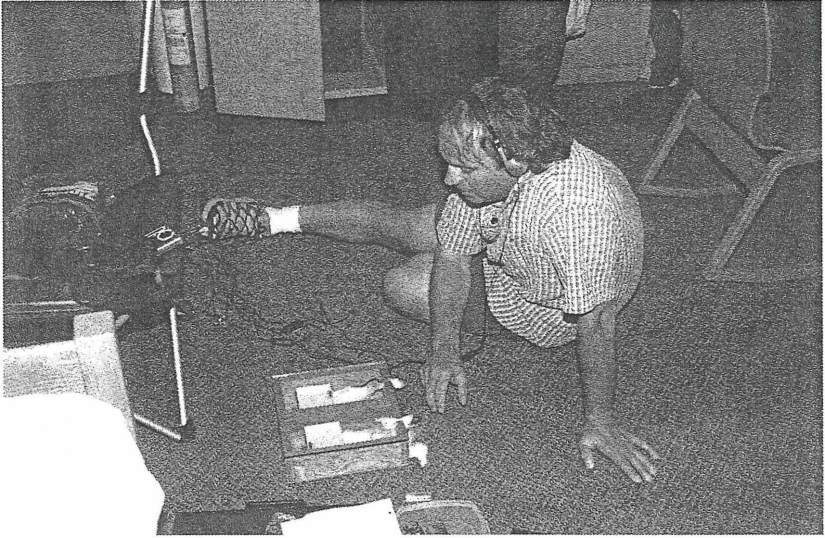
Ken Stewart presenting awards to Bill Stark and Stan Szczytko
on behalf of Don Webb for doing NABS Plecoptera Bibliographies



Jane Earle, Shawn Clark and Dick Baumann



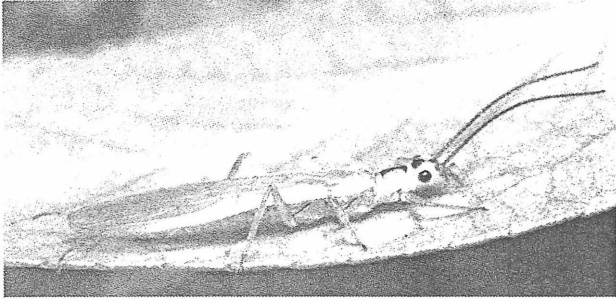
Maria Zúñiga and Jane Earle sorting collection



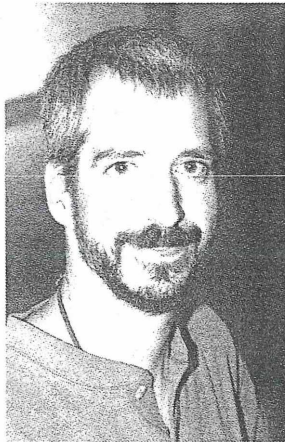
John Sandberg demonstrating stonefly drumming



Participants collecting on Tomichi Creek



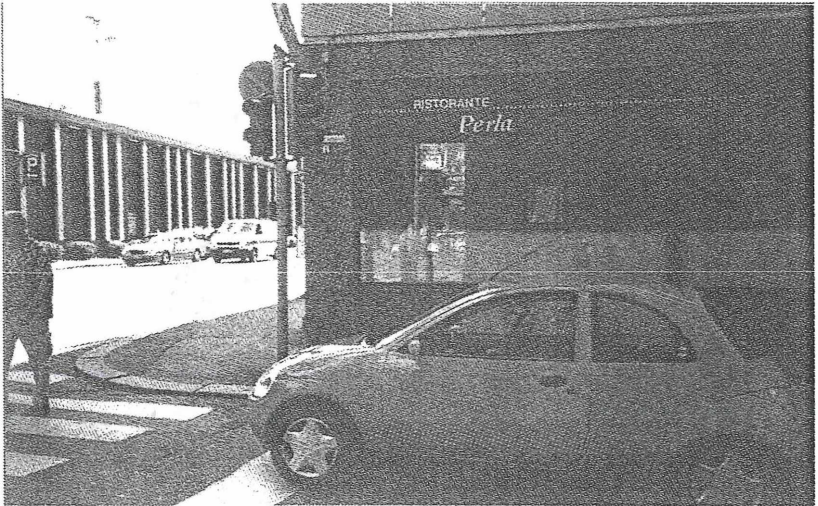
Triznaka on a leaf (by Riley Nelson)



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)

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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