

REPORT ON THE FIFTH NORTH AMERICAN PLECOPTERA SYMPOSIUM

The Fifth North American Plecoptera Symposium was held by the North American Plecoptera Society (NAPS) June 6-8, 1997, at the Université de Montreal, Quebec, Canada. The hosts, Peter and Françoise Harper, planned a very interesting and scientifically stimulating meeting consisting of presented papers and poster sessions, and informal discussions. Great fellowship was enjoyed by the 27 participants during an evening dinner at one of Montreal's fine restaurants, the Ouzeri, and during the several other activities including visits to the University of Montreal Insect Collection and Montreal Insectarium, and field trips to the University Biological Station and Mont-Tremblant Provincial Park. Delicious and bountiful lunches and a BBQ at the Biological Station were prepared with the personal touch of Françoise Harper and Louise Cloutier. Participants had the pleasure and opportunity to visit again with Bill Ricker and Noel Hynes.

Eleven papers, three posters, a video on vibrational communication in insects and a demonstration of an Interactive CD textbook of aquatic entomology were presented in the Friday and Saturday sessions:

A. PAPERS:

1. ***Neoperla coosa*, a new stonefly species from the Coosa-Little River basin of Alabama, USA** presented by Angela D. Smith and Bill P. Stark
2. **The Nemouridae (Plecoptera) of Eastern North America** presented by Richard W. Baumann
3. **Life cycle of *Isoperla lata* Frison (Plecoptera; Isoperlinae) in a central Wisconsin trout stream** presented by John B. Sandberg and Stanley W. Szczytko.
4. **Winter stoneflies of Ohio** presented by Brian J. Armitage and Lynne Kettler.
5. **Genetic structure of *Yoraperla brevis* (Peltoperlidae) populations: gene flow within and among montane streams** presented by Jane M. Hughes, Peter B. Mather, Andrew L. Sheldon, and Fred W. Allendorf.

6. **The *Sweltsa onkos* complex** presented by B. C. Kondratieff and R. F. Kirchner.
7. **Systematics of the stonefly genus *Suwallia* Ricker (Plecoptera: Chloroperlidae)** presented by Kevin D. Alexander and Kenneth W. Stewart.
8. **Stoneflies of Indian Creek watershed, Southwest Pennsylvania, USA** presented by Jane Earle.
9. **Review of the Perlodid genus *Yugus* (Perlodinae: Perlodini)** presented by Charles H. Nelson.
10. **Leuctridae of Eastern North America** presented by P. Harper.
11. **Plecoptera species and distribution in Pennsylvania.** E. C. Masteller presented by Brian Arimtage).

B. POSTERS:

1. **A virtual field guide to common North American aquatic insects** presented by C. Riley Nelson, Bob Ourso, and Michelle Trautwein.
2. **Southeastern *Alloperla* (Plecoptera: Chloroperlidae): a scanning electron microscopy study** presented by Mark Lyon and Bill P. Stark.
3. **Scanning Electron Microscopic Images of Stonefly Nymphs** presented by Narinder N. Kapoor.

C. SPECIAL PRESENTATIONS:

1. Demonstration of the “Tree of Life” and presentation of an interactive CD textbook of aquatic entomology by Riley Nelson.
2. Presentation of a Video “Vibrational communication and mate-searching behaviour of Arctoperlarian stoneflies” (28 minutes) by Kenneth Stewart.

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