

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

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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

We thank Dr. David S. Potter, Unity College, Unity, Maine for his kind hospitality during our stay in Maine. Dr. Stanley W. Szczytko, University of Wisconsin, Stevens Point assisted with the *Isoperla* identifications.

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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

Taenionema atlanticum Ricker and Ross NB*

Pteronarcyidae

<i>Pteronarcys biloba</i> (Newman) NB, PE*	<i>Pteronarcys comstocki</i> (Smith) NB
<i>Pteronarcys dorsata</i> (Say) NB	

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Zeitschrift/Journal: [Perla](#)

Jahr/Year: 1994

Band/Volume: [12](#)

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