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The Mayfly Newsletter

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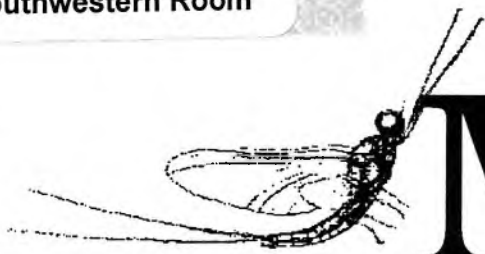
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THE MAYFLY NEWSLETTER

Vol. 1 No. 2

Southwestern Oklahoma State University, Weatherford, Oklahoma 73096-3098 USA

March 1991

New Publications on Mayflies

Pat McCafferty has sent information on two publications of interest to Ephemeroptera workers: The first is about the proceedings of the VIth International Conference on Ephemeroptera and the Xth International Symposium on Plecoptera, entitled, *Overview and Strategies of Ephemeroptera and Plecoptera*, edited by J. Alba-Tercedor and A. Sanchez-Ortega. This publication is a hardbound, 416 page work available around mid-June. A 20% discount off the estimated \$68.50 price is available by contacting the publisher, The Sandhill Crane Press, Inc., P.O. Box 1702-100, Gainesville, FL 32602 USA as soon as possible and indicating your intention to purchase the book. Their phone number is (904) 375-6610.

The second publication, an up-to-date review and assessment of the faunistics and systematics of the North American Ephemeroptera, is now available as follows: McCafferty, W. P., B. P. Stark, and A. V. Provonsha. 1990. *Ephemeroptera, Plecoptera, and Odonata*, pp. 43-58 in *Systematics of the North American Insects and Arachnids: Status and Needs*. M. Kosztarab and C. W. Schaefer (eds.). Virginia Agricultural Experiment Station Information Series 90-1. This 247 page softbound edition is available from the Virginia Agricultural

Experiment Station, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061-0402 USA for \$15.00.

The 1989 issue of "Current and Selected Bibliographies on Benthic Biology," an annual publication of the North American Benthological Society, is now available. This issue contains over 150 references dealing with mayflies. Copies are available for US\$15.00 from David D. Herlong, Secretary, North American Benthological Society, Carolina Power & Light Co., Harris E & E Center, Rt. 1, Box 327, New Hill, North Carolina 27562 USA. Make checks payable to "NABS." Keep in mind that this bibliography is one of the benefits members receive for only US\$25.00 per year. Application for membership may be obtained from David at the above address.

And if those aren't enough new publications for you, Sandhill Crane Press, Inc. has recently published *Mayflies of the World: A Catalog of the Family and Genus Group Taxa*, by Michael Hubbard, for US\$24.95. This catalog includes all names proposed for Ephemeroptera, fossil and recent, including hierarchical classification and bibliography. Their address and phone number are listed above.

Mayfly Parasites

George Poinar would like to examine nematode parasites and any other pathogens from mayflies. If possible the living worms should be sent in moist tissue directly. Otherwise the specimens can be shipped in 70% alcohol or 5% formalin. Contact George at Entomology and Parasitology, 201 Wellman Hall, University of California, Berkeley, California 94720 USA.

The December 1990 issue of the *Bulletin of the Ecological Society of America* contained another note about mayfly parasites. Michael Benton is trying to locate populations of mayflies that are affected by endoparasitic nematodes. He is particularly interested in parasitized populations that are also subject to invertebrate predation, preferably by stoneflies. He would appreciate information about such populations. The following types of information will be most helpful: (1) taxonomic information on the mayflies, nematodes, and predators, (2) description of the habitat of the population (e.g., lentic or lotic), and (3) precise geographical location. Michael can be reached at the Department of Zoology, University of Guelph, Guelph, Ontario, Canada N1G 2W1, (519) 824-4120, ext. 8511 or 8536.

VIIth International Conference

The VIIth International Conference on Ephemeroptera will be held 3-6 August 1992 on the campus of the University of Maine, Orono. Further details about the program, accommodations, post-conference tours, and the availability of conference scholarships will be given in the second announcement. The second announcement will also contain a call for papers, instructions for authors, forms for conference registration and university dormitory reservation, and information on area motels and hotels. If you wish to receive this second notice, please contact, no later than 1 August 1991, K. Elizabeth Gibbs, Department of Entomology, University of Maine, Orono, Maine 04469 USA, (207) 581-2965, FAX (207) 581-2969.

Mayfly Verifications Needed

Determinations of immature mayflies from benthic samples taken over a ten year period on Rock Creek, Twin Falls County, Idaho, are needed. The benthic samples were collected as part of the Rock Creek Rural Clean Water Program, a study of irrigated agricultural impacts on the stream. All have been identified by technicians but most need to be verified by a qualified ephemeropterist. Standard loan rules would apply, including the opportunity to retain duplicate material as needed. The material is preserved in 70% alcohol. To arrange for loan of the material, please contact: William H. Clark, Idaho Department of Health and Welfare, Division of Environmental Quality, 1410 N. Hilton St., Boise, Idaho 83706-1253 USA.

Bonetto Receives Award

On 15 November 1990, J. M. Gallardo, the Director of the Argentine Museum of Natural History and National Institute for Natural Sciences Research, and Irene R. Wais de Badgen, Head of the Limnological Section of that Institution, organized a ceremony to celebrate the 40 years of limnological research of Prof. Dr. Argentino A. Bonetto. An award was presented to Prof. Dr. Bonetto by his colleagues and Irene Wais de Badgen presented a lecture on his pioneer limnological work on the Parana River, the second largest river in South America. Congratulations to Prof. Dr. Bonetto!

Newsletter Results

To date 150 individuals from 31 countries have requested to remain on the mailing list for this Newsletter. What this means to you, the reader, is an efficient way of getting your news, requests, questions, and comments to a large number of colleagues. So, remember this publication the next time you need information on mayflies or have some news to share. The next issue is planned for summer 1991.

The Mayfly Newsletter is published twice a year to facilitate communication among ephemeropterists. Subscriptions to the Newsletter are free. To place your name on the mailing list or to contribute information for the next issue, contact Peter M. Grant, editor, The Mayfly Newsletter, Department of Biological Sciences, Southwestern Oklahoma State University, Weatherford, Oklahoma 73096-3098 USA, phone (405) 774-3294, FAX (405) 772-5447. This publication was authorized by the Dean of Arts and Sciences and was printed at a cost of \$22.00 for 500 copies.