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The Mayfly Newsletter

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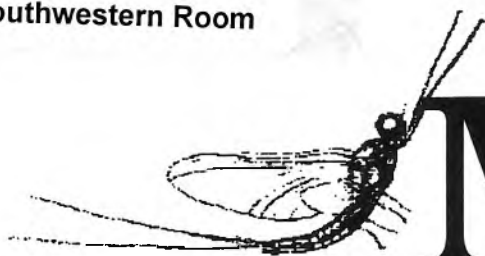
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THE MAYFLY NEWSLETTER

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October 1991

This issue of The Mayfly Newsletter is dedicated to three ephemeropterists who have recently retired: Dick Allen, Lewis Berner, and George Edmunds. The contribution of these scientists to the study of mayflies is staggering! It is nearly impossible to pick up any article on mayflies without it containing at least one reference to their work.

Besides honoring these men, this issue also reports on how to contact them during their retirement, the status of their collections, and their current work on mayflies.

Richard K. Allen

A
Revision
of the
Genus
Ephemerella

His published works include over 200 new taxa, with his specialties being the Ephemerellidae and Tricorythidae, western North American species, and mayfly distributions. Geographically, his interests have been the Southwest, Mexico, and Central America.

He is currently in the process of returning borrowed material to other institutions, and will, as in the past, deposit his personal collection in the California Academy of Sciences, Golden Gate Park, San Francisco, California.

For the future, Dick's work with Ephemeroptera will be limited to a continuing study of Nevada, "but not much else."

Correspondence should be sent to his home at 1048 La Sombra Drive, Lake San Marcos, California 92069 or call him at (619) 744-5382.

Lewis Berner

"Having reached the grand age of seventy-five, I concluded that I would step aside and withdraw from any further participation in the study of mayflies. It is time, in my opinion, to leave the field to the young people who are developing an interest in these fascinating insects. The fifty-four years that I have devoted to their study, not counting five years out for World War II and the sixteen years of administrative work, were tremendously rewarding.

The
Mayflies
of
Florida

"With the transfer of my collection to Tallahassee to be consolidated with those at Florida A & M University, I believe the total deposited there will make it one of the finest in the world. If anyone wishes to reach me, my home address is 7081 N.W. 23rd Avenue, Gainesville, Florida 32606 and my telephone number is (904) 373-9629."

George F. Edmunds, Jr.

George retired from the University of Utah in June 1989 and "now spends little time in his office." The best chance to get him on the phone is at home between the hours of 8:30 and 11:30 AM Mountain Time. Call him at (801) 278-6667.

The J. R Traver mayfly collection has now been largely transferred to Purdue Entomological Research Collection (W. P. McCafferty) and the Florida State Collection of Arthropods mayfly collection at Florida A & M University (W. L. Peters). Parts of the Edmunds' collection that are under study at PERC or FSCA-FAMU are being transferred as needed with the rest of the collection destined for these institutions when George quits his study of mayflies.

Write to George at the Department of Biology, The University of Utah, Salt Lake City, Utah 84112.

The
Mayflies
of North
and Central
America



Publications

Books

- Alba-Tercedor, J. and O. Sanchez-Ortega. 1991. Overview and strategies of Ephemeroptera and Plecoptera. Sandhill Crane Press. 588 pp. (Date of publication: 30 November 1991. Prepublication discount price: \$69.50. Sandhill Crane Press, PO Box 1702, Gainesville, Florida 32602-9906, USA.)
- Hubbard, M. D. 1990. Mayflies of the world: A catalog of the family and genus group taxa (Insecta: Ephemeroptera). Flora and Fauna Handbook No. 8, Sandhill Crane Press. 119. pp. (See above publication for address.)

Revisions and Systematics

- Dominguez, E. and R. W. Flowers. 1989. A revision of *Hermanella* and related genera (Ephemeroptera: Leptophlebiidae: Atalophlebiinae) from subtropical South America. Ann. Entomol. Soc. Am. 82:555-573.
- Gillies, M. T. 1990. A revision of the African species of *Centroptilum* Eaton (Baetidae, Ephemeroptera). Aquat. Insects 12:97-128.
- Gillies, M. T. 1990. A revision of the Argentine species of *Callibaetis* Eaton (Baetidae; Ephemeroptera). Revta Soc. Entomol. Argent. 48:15-39.
- Hefti, D., I. Tomka and A. Zurwerra. 1989. Revision of morphological and biochemical characters of the European species of the *Ecdyonurus helveticus* group (Ephemeroptera, Heptageniidae). Mitt. Schweiz. Entomol. Ges. 62:329-344.
- Klyuge, N. Yu. 1989. Generic revision of the Heptageniidae (Ephemeroptera): I. Diagnosis of tribes, genera and subgenera of Heptageniidae. Entomol. Rev. 68:1-24.
- McCafferty, W. P. 1991. Toward a phylogenetic classification of the Ephemeroptera (Insecta): A commentary on systematics. Ann. Entomol. Soc. Am. 84:343-360.
- McCafferty, W. P. and R. D. Waltz. 1990. Revisionary synopsis of the Baetidae (Ephemeroptera) of North and Middle America. Trans. Am. Entomol. Soc. 116:769-799.
- Pescador, M. L. and W. L. Peters. 1990. Biosystematics of the genus *Massartella* Lestage (Ephemeroptera, Leptophlebiidae from South America. Aquat. Insects 12:145-160.
- Provonska, A. 1990. A revision of the genus *Caenis* in North America (Ephemeroptera, Caenidae). Trans. Am. Entomol. Soc. 116:801-884.
- Yoon, I. B. and Y. J. Bae. 1988. The classification of Ephemerellidae (Ephemeroptera) in Korea. Entomol. Res. Bull. (Seoul) 14:23-44.

Faunal Lists

- Burian, S. K. and K. E. Gibbs. 1991. Mayflies of Maine: An annotated faunal list. Maine Agricultural Experiment Station, Technical Bulletin 142. 109 pp.
- Stroat, P. and A. W. M. Mol. 1989. Updated check-list of the Ephemeroptera from Belgium. Pages 239-241. In K. Wouters and L. Baert (eds.) Invertebres de Belgique. Institut Royal de Sciences Naturelles de Belgique, Brussels, Belgium. 468 pp.
- Thomas, A. G. B. and M. Sartori. 1989. Mayflies (Insecta, Ephemeroptera) of Saudi Arabia. Fauna of Saudi Arabia 10:87-94.
- You, D.-S. 1987. A preliminary study of Xizang Ephemeroptera. Agric. Insects Spiders Plant Dis. Weeds Xizang 1:29-36. (In Chinese, English summary.)

Identifications

- Clark, W. H. 1991. Literature pertaining to the identification and distribution of aquatic macroinvertebrates of the western U.S. with emphasis on Idaho. Idaho Department of Health and Welfare, Division of Environmental Quality, Boise, Idaho. (42 publications listed for Ephemeroptera. Address: 1410 N. Hilton, Statehouse Mail, Boise, Idaho 83720-9000.)

Mayfly

The VIIth International Conference on Ephemeroptera is scheduled for 3-6 August 1992 in Orono, Maine, USA. For further information please contact K. Elizabeth Gibbs, Convenor, Department of Entomology, University of Maine, Orono, Maine 04469 USA, phone (207) 581-2965, FAX (207) 581-2969.

Conference

Editor Passes Buck

Sorry this issue is so late! A desktop publishing program that was awfully ornery to install and a laser printer that had a trip to the service center were partly to blame. I have lots of other excuses, too. Keep those cards and letters rolling in. Ken Tennesen sent in some cartoons that I'll eventually publish when there is room. The mailing list now totals 236 individuals.

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 \$30.00 for 500 copies.