



**CURRENT AND SELECTED
BIBLIOGRAPHIES
ON BENTHIC BIOLOGY**

2007

Published September, 2008

North American Benthological Society

FOREWORD

“Current and Selected Bibliographies on Benthic Biology” is published annually for the members of the North American Benthological Society, and summarizes titles of articles published during the previous year. Pertinent titles prior to that year are also included if they have not been cited in previous reviews.

I wish to thank each of the members of the NABS Literature Review Committee for providing bibliographic information for the 2007 NABS BIBLIOGRAPHY. I would also like to thank Elizabeth Wohlgemuth, INHS Librarian, and library assistant Susan Braxton, for their assistance in putting the 2007 bibliography together.

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Annelida: Acanthobdellida, Branchiobdellida, oligochaetous Clitellata ('Oligochaeta'), Polychaeta: Aphanoneura / Aeolosomatida, Other Polychaeta, and Miscellaneous Annelida.

Mark J. Wetzel

This bibliographic compilation as presented here is also available in electronic form at the World Wide Web URL: <http://www.inhs.uiuc.edu/~mjwetzel/nabs08F.html>

The Annelida sections of previously published NABS bibliographies (for the years 1992 through 2007) are located in the bibliographic section of the web site entitled [The INHS Center for Annelida Resources](http://www.inhs.uiuc.edu/~mjwetzel/mjw.inhsCAR.html#BIBannel), at:

<http://www.inhs.uiuc.edu/~mjwetzel/mjw.inhsCAR.html#BIBannel>

Citations included here are split into the following groupings for the convenience of researchers: **Acanthobdellida**, Branchiobdellida, oligochaetous Clitellata ('Oligochaeta'), Polychaeta (two groupings – Aphanoneura / Aeolosomatida, and other Polychaeta), and Miscellaneous Annelida. Papers discussing taxa from more than one of the above groups will be included in each of those groups below. Several papers focusing on terrestrial Oligochaeta have also been included. Researchers should send reprints of their papers to me to ensure that they are included accurately in future bibliographies. Please report inaccuracies in this section to Mark J. Wetzel [NEW E-mail address: mjwetzel@illinois.edu [although my older email address - mjwetzel@uiuc.edu - will still work for some time]. Suggestions are welcomed.

Most citations are followed by one or more numbers and letters in brackets []. Numbers designate the taxonomic level of annelid identification: 1 = phylum, class, ordinal, or familial level of identification; 2 = generic or specific level of identification; 3 = new description, revision, amended description, or other systematic work.

Letters indicate the following: A = Aphanoneura / Aeolosomatida; Ac = Acanthobdellae / Acanthobdellida; Ann = miscellaneous Annelida; B = Branchiobdellida; bib = bibliography; C = cytology; D = description; E = ecology; F = faunistic, or distributional information; G = general; H = Hirudinea; K = key provided; M = methods, such as analysis, collection, or processing information; O = Oligochaeta; P = Polychaeta; Ph = physiology;

R = Redescription or revision; Rvw = review; TMS = taxonomy, morphology, and / or systematics; X = toxicology; xO = interesting paper, but oligochaetes not discussed.

A number followed by a hyphen (-) and a letter indicates the level of identification for that letter group, e.g., [2-O] = species level of identification for Oligochaeta; [3-B] = new species, revision, or amended description of Branchiobdellida. Citations followed by an asterisk (*) were downloaded from one or more bibliographic databases but have not been verified for accuracy using reprint of article. Unless otherwise noted, all papers are written in English; many include one or more foreign language abstracts or summaries. Please note that certain characters and character inflexions specific to one or more languages could not accurately be reproduced in the citations presented below.

I thank K.L. Moss for assistance with the INHS Annelida Bibliographic Database, and our global annelid 'family' for providing reprints for inclusion in this bibliographic compilation.

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Leech studies included here are both aquatic and terrestrial, and covered in the bibliography are bioassessment, ecology, embryology, environmental and industrial toxicology, medicine, morphology, parasitology, physiology, systematics, and taxonomy. The leech bibliography is intended to help keep students and biologists current with the leech literature. It is also provided to assist the user in selecting information from the literature that may be useful in evaluating data collected during studies of water quality in lentic and lotic habitats, and understanding the effects of toxic substances and other pollutants on the ecological integrity and health of indigenous populations and communities of macroinvertebrates, including the leeches.

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Ephemeroptera

Peter M. Grant

The following is a list of current publications on Ephemeroptera that have been published up to and during 2007 and have not appeared in previous NABS Bibliographies. I would appreciate receiving a reprint or complete bibliographic reference of any article about mayflies, especially if it contains scientific names, so that it may be included in next year's bibliography. Also, I would like to be informed of any corrections or omissions in this or past bibliographies. Suggestions are always welcome.

Please send all correspondence to Peter M. Grant, Department of Biological Sciences, Southwestern Oklahoma State University, 100 Campus Drive, Weatherford, Oklahoma 73096-3098 USA, phone (580) 774-3294, fax (580) 774-7140, email peter.grant@swosu.edu.

If you would like an electronic copy of this year's mayfly bibliography, simply send me a request via email. I will send this file to you as an attachment. This bibliography is also available on my website: <http://faculty.swosu.edu/peter.grant/research.htm>.

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Trichoptera

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Where known, at the end of each citation, I have provided references to abstracting organs which make reference to the paper. Print versions of these are no longer available to me at the University of Alberta - only the electronic. Zoological Record appears to be the only one which supplies volume number. Otherwise I can give only accession numbers (*an*) in case these may be of use in searching out abstracts of papers. The abstracting organs are: BA [Biological Abstracts]; AA *an* [ASFA Aquaculture Abstracts]; ABA *an* [Animal Behavior Abstracts]; APEQ *an* [Aquatic Pollution and Environmental Quality Abstracts]; Aqua.A *an* [Aqualine Abstracts]; ASFA 1, 2, and 3 *an* [Aquatic Sciences and Fisheries Abstracts]; CA *an* [Chemical Abstracts]; CABS *an* [Cambr. Abstracts - Bio. Sci.]; CRA *an* [Chemoreception Abstracts]; EA *an* [Entomology Abstracts]; EcolA *an* [Ecological Abstracts]; EEA *an* [Environmental Engineering abstracts]; GA *an* [Genetics Abstracts]; MA(C) *an* [Microbiology Abstracts (C)]; NA *an* [Neurosciences Abstracts]; OA *an* [Oceanic Abstracts]; PA *an* [Pollution Abstracts]; SSA *an* [Sustainable Sciences Abstracts]; TA *an* [Toxicology Abstracts]; WRA *an* [Water Resources Abstracts]; ZR *an* [Zoological Record];

TN [Trichoptera Newsletter, now Braueria].

Some authors with more than one initial may use, or not, the extra initials. Such initials, where omitted by the author in some papers, are given in square brackets thus [A.]. All papers by a particular author are grouped together in the list as if all initials were given in all papers. Where author names are given in square brackets, thus [.], the name is not given in the publication, but is known to me.

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Diptera: Other

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Mollusca

Kevin S. Cummings

The following section lists papers dealing with freshwater mollusks that have been published up to and including 2007 and have not appeared in previous NABS bibliographies. Citations for Aquatic Mollusca will be split into five groups for the convenience of researchers: Unionoida, Sphaeriidae, Corbiculidae, Dreissenidae and other bivalves; Gastropoda. Those papers which list taxa from more than one of the above categories will be included in each group. A web searchable database of over 17,000 references on freshwater mollusks (including all previous NABS bibliographies on freshwater mollusks) can be found at: <http://ellipse.inhs.uiuc.edu:591/mollusk/biblio.html>.

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Acarina

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Macroinvertebrate Toxicology

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Areas of toxicological studies covered in the bibliography are for aquatic ecotoxicology and culturing of macroinvertebrates for toxicity testing. The ecotoxicological bibliography is intended to help keep students, biologists, and toxicologists current with the literature. It is also provided to assist the user in selecting information from the literature that may be useful in evaluating data collected during studies of water quality, and understanding the exposure and effects of toxic substances, other stressors, or pollution on the health and ecological integrity of aquatic ecosystems.

Researchers should send reprints of their papers on aquatic toxicology to the author of this bibliography to ensure that they are included accurately in future bibliographies; the reprints would be greatly appreciated.

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