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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.

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Annelida: Aphanoneura/ Aeolosomatida, Branchiobdellida, Oligochaeta, Polychaeta, and Miscellaneous Annelida.

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This bibliographic compilation as presented here is also available in electronic form at the World Wide Web

URL: <http://www.inhs.uiuc.edu/~mjwetzel/nabs07E.html>

The Annelida sections of previously published NABS bibliographies (for the years 1992 through 2006) are located in the bibliographic section of the web site entitled *The INHS Center for Annelida Resources*, 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: Branchiobdellida, 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 [E-mail address: mjwetzel@uiuc.edu]. 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 = 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.

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.

BRANCHIOBDELLIDA

No papers focusing on branchiobdellidans were forwarded to me for inclusion in this bibliography.

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Annelida (Hirudinea)

Donald J. Klemm and William E. Moser

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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 2006 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@swoosu.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.swoosu.edu/peter.grant/research.htm>

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Trichoptera

Andrew Nimmo

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; Environmental Quality Abstracts]; Aqua.A *an* [Aqualine Abstracts]; ASFA 1, 2,; 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.

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Aquatic Coleoptera

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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 2005 and have not appeared in previous NABS bibliographies. In this years bibliography a large number of theses and dissertations have been added. In addition over 200 references on the exotic New Zealand mudsnail largely taken from Daniel L. Gustafson's

(Montana State University, Bozeman)

web page (<http://www.esg.montana.edu/aim/mollusca/nzms/nzmsbib.html>) have been included in this years bibliography.

Citations for Aquatic Mollusca will be split into five groups for the convenience of researchers: Unionoidea, Sphaeriidae, Corbiculidae, Dreissenidae and other Bivalves, and 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 16,000 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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Kevin S. Cummings, Illinois Natural History Survey, 1816 S. Oak St., Champaign, Illinois 61820. email: ksc@inhs.uiuc.edu

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- ## Macroinvertebrate Toxicology
- ### Donald J. Klemm
- 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.
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Methods and Techniques

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