



**CURRENT AND SELECTED
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ON BENTHIC BIOLOGY**

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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.

I wish to thank each of the members of the NABS Literature Review Committee for providing bibliographic information for the 2008 NABS BIBLIOGRAPHY. I would also like to thank Elizabeth Wohlgemuth, INHS Librarian, library assistant Susan Braxton, and Charlie Warwick, Publications Coordinator for their assistance in putting the 2008 bibliography together.

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

Mark J. Wetzel

This bibliographic compilation as presented here is also available via this web site:

< <http://www.inhs.uiuc.edu/~mjwetzelnabs09F.html> >

The Annelida sections of previously published NABS bibliographies (compilations for the years 1992 through 2008) are located in the bibliographic section of the web site entitled *The INHS Center for Annelida Resources*, at: <<http://www.inhs.uiuc.edu/~mjwetzelnabs09F.html#BIBannel>>

Citations included here are split into the following groupings for the convenience of researchers: Acanthobdellida, Branchiobdellida, oligochaetous Clitellata ('Oligochaeta'), Polychaeta (including the Aphanoneura / Aeolosomatida), and Miscellaneous Annelida (including Archannelida). Papers discussing taxa from more than one of the above groups will be included with each of those group compilations, below. Several papers focusing on terrestrial oligochaetes (primarily systematic papers describing new taxa) have also been included. Researchers should send reprints of their publications [PDF (if available) or paper] to me to ensure that they are included accurately in future bibliographies. Please report inaccuracies to Mark J. Wetzel [mjwetzeln@illinois.edu]. I welcome suggestions for improving the format of this bibliography.

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 (e.g., analysis, collection techniques, information processing); mem = memoriam; O = oligochaetous Clitellata ('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 oligochaetes; [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, INHS librarians Beth Wohlgemuth and Susan Braxton for assistance with weekly bibliographic downloads and assistance in locating obscure publications, and our global annelid

'family' for providing reprints for inclusion in this bibliographic compilation.

ACANTHOBDELLIDA

Marotta, R.; Ferraguti, M.; Erséus, C.; Gustavsson, L.M. 2008. Combined-data phylogenetics and character evolution of Clitellata (Annelida) using 18S rDNA and morphology. *Zoological Journal of the Linnean Society* 154(1): 1-26. [2,M,TMS].*

BRANCHIOBDELLIDA

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Marotta, R.; Ferraguti, M.; Erséus, C.; Gustavsson, L.M. 2008. Combined-data phylogenetics and character evolution of Clitellata (Annelida) using 18S rDNA and morphology. *Zoological Journal of the Linnean Society* 154(1): 1-26. [2,M,TMS].*

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Timm, T. 2009. A guide to the freshwater Oligochaeta and Polychaeta of northern and central Europe. *Lauterbornia* 66: 1-235. [2,E,F].*

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**[includes several papers on terrestrial
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Annelida (Hirudinea)

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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 leeches.

Researchers should send reprints of their papers to the authors to ensure that they are included accurately in future leech bibliographies. The reprints are greatly appreciated.

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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 2008 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.

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- ## Aquatic and Semiaquatic Heteroptera
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- ## Trichoptera
- ### Andrew P. 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 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: BP [Biological Previews, formerly BA - Biological Abstracts]; ZR *an* [Zoological Record]; TN [Trichoptera Newsletter, now Braueria]. The plethora of, largely awkward, contractions for Cambridge Scientific Abstracts entries here has been replaced simply by CSA*an* as I realised this year that papers registered by CSA had only one *an* regardless of how many organs recorded the paper.
- 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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- To insure that papers are cited correctly, researchers are encouraged to send pdf's or reprints to:
Kevin S. Cummings, Illinois Natural History Survey, 1816 S. Oak St., Champaign, Illinois 61820. email: ksc@inhs.illinois.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.

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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Methods and Techniques

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