



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 2009 NABS BIBLIOGRAPHY. I would also like to thank Elizabeth Wohlgemuth, INHS Librarian, and library assistant Susan Braxton for their assistance in putting the 2009 bibliography together.

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CURRENT AND SELECTED BIBLIOGRAPHIES ON BENTHIC BIOLOGY 2009

**Published September, 2010
North American Benthological Society**

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**ANNELIDA: Branchiobdellida,
oligochaetous Clitellata ('Oligochaeta'),
Polychaeta (including the Aphanoneura
/ Aeolosomatida), and Misc. Annelida.
Mark J. Wetzel**

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

< <http://www.inhs.uiuc.edu/~mjwetzel/nabs2010F.html> >

The Annelida sections of previously published NABS bibliographies (compilations for the years 1992 through 2009) 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 (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 in this section to Mark J. Wetzel [mjwetzel@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 = Re-description 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 Wohlgeuth 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.

BRANCHIOBDELLIDA

Masese, F.O.; Muchiri, M.; Raburu, P.O. 2009. Macroinvertebrate assemblages as biological indicators of water quality in the Moiben River, Kenya. *African Journal of Aquatic Science* 34(1): 15-26. [1,E,F,M].*

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**OLIGOCHAETOUS CLITELLATA
(‘OLIGOCHAETA’)
[includes several papers on
terrestrial species]**

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ANNELIDA (Hirudinea)

Donald J. Klemm and William E. Moser

Areas of leech studies are both aquatic and terrestrial, and covered in the bibliography are bioassessment, ecology, embryology, environmental and industrial toxicology, pharmaceuticals, 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 to help in evaluating data collected during studies of water quality in lentic and lotic habitats, and of the effects of toxic substances and other pollutants on the ecological integrity and health of indigenous populations and communities of macroinvertebrates, including the 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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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 *CSAan* as I realised that papers registered by CSA had only one *an* regardless of how many organs of their 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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This bibliography is on Water Beetle World at <http://www.zo.utexas.edu/faculty/sjasper/beetles/index.htm>. All citations, no matter how old, that are not contained in the complete on-line bibliography may be included each year. I would appreciate receiving copies of all papers on Halipilidae, all papers on North American, including Mexican, water beetles, and all papers on the ecology of water beetles. For the rest, I would appreciate receiving citations in an e-mail message or attachment to an e-mail. Please send them to sjasper@mail.utexas.edu.

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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 2009 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 & 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 19,000 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>.

To insure that papers are cited correctly, researchers are encouraged to send pdfs or reprints to:

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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 to help in evaluating data collected during studies of water quality, and the exposure and effects of toxic substances and 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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