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## **Annual compilation (1990) of Hydradephaga (Coleoptera) papers**

by M. Brancucci & K. Dettner

**Abstract:** The authors give a list of additional papers for 1984, 1985 and the 190 papers published during 1986 on all aspects of Hydradephaga (Coleoptera: Trachypachidae, Coptoclavidae, Necronectidae, Parahygrobiidae, Hygrobiidae, Amphilozidae, Haliplidae, Noteridae, Dytiscidae and Gyrinidae).

**Key words:** Coleoptera Hydradephaga – compilation 1990.

With this paper we present the fifth compilation of Hydradephaga papers which includes 129 references for 1990. Further references for 1988 and 1989 illustrate that it was impossible for us to consider all Hydradephaga-papers completely. Especially this holds true for publication from regional journals and papers where reports on water beetles are only published as marginal notes without any notice in abstract or key word index. Therefore we highly appreciate corrections or additions of references by colleagues. It is to be hoped that the previous compilations will stimulate all kinds of water beetle research and will help to avoid multiple research approaches concerning the same problems.

As in the previous compilation, only papers published in 1990 have been included. Those publications recorded for 1990 actually published and issued in 1991 will be included in the 1991 compilation. Thus, if the name of an author is followed by two dates, the first refers to the year in which the publication was recorded, the second (in brackets) to the actual year of publication. Papers are quoted by their original titles apart from non-roman alphabetical publications where we furnished an English translation and indicate the original language within square brackets, e.g. Japanese [Ja], Russian [Ru], etc.

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