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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, Amphizoidae, 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.

Addenda 1988

NIEDRINGHAUS, R. & BRÖRING, U. (1988): *Die Wanzen und Käfer der süßen und*

brakigen Gewässer auf den jungen Düneninseln Memmert und Mellum. *Drosera* 88(1): 329-340.

Addenda 1989

- BICK, H. (1989): *Ökologie, Grundlagen terrestrische und aquatische Ökosysteme angewandte Aspekte*. Gustav Fischer Verlag, Stuttgart: 300 pp.
- BRUX, H. & WIEGLEB, G. (1989): *Makrofauna auf Potamogeton alpinus Balbis in drei Gewässern unterschiedlicher Habitatstruktur*. *Drosera* 89 (1/2): 85-89.
- KÖHLER, F. (1989): *Die Exkursionen in den Tagebau Ville am 2.7. und 17.9.88*. Rdschr. Arge. rhein. Koleopterologen 1: 1-16.
- LOMPE, A. (1989): 5. Familie: *Gyrinidae*. In: *Die Käfer Mitteleuropas*. 12 (Lohse, G.A. & Lucht, W.H., eds). Goecke & Evers, Krefeld: 69-71.
- MUKHERJEE, A., SHARMA, B. & SEN, N.S. (1989): *Concomitant occurrence of eupyrene and apyrene spermatozoa in aquatic beetle, Cybister tripunctatus asiaticus (Sharp) (Coleoptera, Polyphaga, Dytiscidae)*. *Cienc. Cult.* 41(11): 1114-1116.
- NILSSON, A.N. (1989): *On the genus Agabetes Crotch (Coleoptera Dytiscidae), with a new species from Iran*. *Ann. Ent. Fenn.* 55: 35-40.
- PRYSWITT, K.-P. (1989): *Drei Funde vom Feuchtkäfer Hygrobia tarda Herbst (Col., Hygrobiidae)*. *Beitr. Naturk. Niedersachsens* 42: 4-5.
- REBHAHN, H. (1989): *Zoozoologische und methodische Untersuchungen zur Bewertung ausgewählter Fliessgewässerabschnitte und ihres Uferbereiches*. Ph. D. Thesis, Erlangen-Nürnberg Univ.: 285 pp.
- RÖSSLER, G. (1989): *Kleine Mitteilung. Bemerkenswerte Käferfunde aus dem nördlichen Burgenland (Carab., Halipl., Dytisc., Hydraen., Hydroph., Staph., Coccin., Scarab., Ceramb., Curcul.)*. *Entomol. Blätter* 85(1-2): 126-127.
- RÖSSLER, G. (1989): *Faunistische Diversa aus Österreich und der Schweiz (Dytisc., Curcul.)*. *Entomol. Blätter* 85(1-2): 127.
- SCHÖLL, F. (1989): *Zur näheren Kenntnis des Makrozoobenthos der Fliessgewässer im Nationalpark Bayerischer Wald*. *Ent. Z.* 99(18): 257-272.

1990

- ADAMS, C.E., BROWN, D.W., LITTLE, S.S. & TIPPETT, R. (1990): *A check-list of the freshwater invertebrate fauna of the Loch Lomond catchment*. *Glasgow Naturalist* 21: 537-554.
- ALARIE, Y. & HARPER, P.P. (1990): *Primary setae and pores on the last abdominal segment and the urogomphi of larval Hydroporinae (Coleoptera: Adephaga: Dytiscidae), with notes on other dytiscid larvae*. *Can. J. Zool.* 68: 368-374.
- ALARIE, Y. & HARPER, P.P. & MAIRE, A. (1990): *Primary Setae and Pores on Legs of Larvae of Nearctic Hydroporinae (Coleoptera: Dytiscidae)*. *Quaestiones Entomologicae* 26(2): 199-210.
- ALARIE, Y., HARPER, P.P. & ROUGHLEY, R.E. (1990): *Description of the larvae of eleven Nearctic species of Hygrotus Stephens (Coleoptera: Dytiscidae: Hydroporinae) with an analysis of their phyletic relationships*. *Can. Ent.* 122: 985-1035.
- ANGUS, R. (1990): *Laccornis oblongus new for Wales*. *Balfour-Browne Club, Newsletter* 47: 6.

- ANONYMOUS (1990): *Names and opinions - also De Geer is de rigeure*. Balfour-Browne Club, Newsletter 47: 15.
- ARCE-PÉREZ, R. & NOVELO-GUTIÉRREZ, R. (1990): *Contribución al conocimiento de los Coleópteros acuáticos del Río Amacuzac, Morelos, México*. Folia Entomol. Mexicana 78: 29-47.
- ATTON, F.M. (1990): *Gyrinus (Gyrinulus) cavatus sp. nov. from North America described and compared with Gyrinus (Gyrinulus) minutus Fabricius (Coleoptera: Gyrinidae)*. Can. Ent. 122: 651-657.
- BALKE, M. (1990): *Rhantus souzanna sp.n. from Costa Rica (Coleoptera: Dytiscidae)*. Aquatic Insects, 12(1): 19-22.
- BALKE, M. (1990): *Ein neuer Rhantus Dejean von den Gesellschaftsinseln (Insecta, Coleoptera, Dytiscidae)*. Spixiana 13(2): 195-199.
- BALKE, M. (1990): *Three riding west & snow fields in July: Islas Canarias and La Corse in 1989*. Balfour-Browne Club, Newsletter 47: 1-4.
- BALKE, M. (1990): *Die Gattung Rhantus. IV. Taxonomie und Faunistik verschiedener paläarktischer und nearktischer Spezies (Coleoptera: Dytiscidae)*. Mitt. Schweiz. Ent. Ges. 63: 195-208.
- BALKE, M. & HENDRICH, L. (1990): *Das Feuchtgebiet Buschgraben: Ein Lebensraum seltener und bedrohter Schwimmkäfer (Coleoptera: Dytiscidae)*. Berl. Naturschutzbl. 34(3): 9-11.
- BALKE, M., FERY, H. & FRESNEDA, J. (1990): *Faunistische Notizen über Colymbetes schildknechti Dettner 1983, mit Erstnachweisen der Art für Korsika und Libyen (Coleoptera: Dytiscidae)*. Ent. Z. 100: 393-412.
- BALKE, M., HENDRICH, L. & CUPPEN, J.G.M. (1990): *Wasserkäfer von den Islas Canarias (Coleoptera: Haliplidae, Dytiscidae, Gyrinidae, Hydrochidae, Hydrophilidae, Hydraenidae, Dryopidae)*. Entomofauna 11: 349-373.
- BAMEUL, F. (1990): *Observations sur des Coléoptères aquatiques récoltés dans une piscine publique de la ville de Bordeaux (Coleoptera Haliplidae, Dytiscidae, Hydrophilidae, Dryopidae)*. Bull. Soc. linn. Bordeaux 18: 41-52.
- BAMEUL, F. (1990): *Un filet robuste pour la récolte des insectes aquatiques*. Cahiers Liaison Off. Inf. Eco-entomol. 79: 7-8.
- BAMEUL, F. (1990): *Le DMHF: un excellent milieu de montage en entomologie*. L'Entomologiste 46(5): 233-239.
- BARBIER, M. (1990): *Marginalin, a substance from the pygidial glands of Dytiscus marginalis (Coleoptera): molecular associations with polyamines in vitro*. Z. Naturforsch., sect. B, 45(10): 1455-1456.
- BEHR, H. (1990): *Untersuchungen zum Flug-und Immigrationsverhalten von Wasserkäfern der Gattung Hydroporus Clairv. (Col.: Dytiscidae)*. Drosera 90(1/2): 77-94.
- BELLSTEDT, R. (1990): *Edgar Fichtner (1911-1989)*. Veröff. Naturkundemuseum Leipzig 8: 83.
- BELLSTEDT, R. (1990): *Edgar Fichtner (1911-1989)*. Ent. Nach. Ber. 34(3): 143-144.
- BEUTEL, R.G. (1990): *Phylogenetic Analysis of the Family Gyrinidae (Coleoptera) Based on Meso-and Metathoracic Characters*. Quaestiones Entomologicae 26(2): 163-191.
- BEUTEL, R.G. (1990): *Metathoracic Features of Omoglymmius hamatus and their Significance for Classification of Rhysodini (Coleoptera: Adepaga)*. Entomol. Gener. 15(3): 185-201.
- BEUTEL, R.G. & RUHNAU, S. (1990): *Phylogenetic Analysis of the Genera of Haliplidae (Coleoptera) Based on Characters of Adults*. Aquatic Insects 12(1): 1-17.
- BILARDO, A. & ROCCHI, S. (1990): *Haliplidae e Dytiscidae (Coleoptera) del Gabon con note sistematiche sulle specie di confronto (Parte prima: Haliplidae, Me-*

- thlinae, Hydroporinae, Noterinae, Laccophilinae*). Atti. Soc. ital. Sci. Nat. Mus. 131(8): 157-196.
- BILTON, D.T. (1990): *Gyrinus suffriani* Scriba (Col., Gyrinidae) in the Norfolk Breckland. Ent. Mon. Mag. 126: 178.
- BISTRÖM, O. (1990): Revision of the Genus *Queda* Sharp (Coleoptera: Dytiscidae). Quaestiones Entomologicae 26(2): 211-220.
- BISTRÖM, O. & NILSSON, A.N. (1990): *Hydroglyphus perssoni* sp.n. and *Bidessus perssoni* sp.n., described from Ethiopia (Coleoptera, Dytiscidae). Aquatic Insects 12(3): 181-184.
- BRANCUCCI, M. (1990): A New Species of *Platambus*, subgenus *Agraphis*, from Nepal and notes on *P. guttulus* (Régimbart) (Coleoptera, Dytiscidae). Quaestiones Entomologicae 26(2): 239-243.
- BURMEISTER, E.-G. (1990): On the systematic position of Amphizoidae, emphasizing features of the female genital organs (Insecta: Coleoptera: Adephaga). Quaestiones Entomologicae 26(3): 245-272.
- BURMEISTER, E.-G. (1990): The Systematic Position of the Genus *Agabetes* Crotch within Dytiscidae (Coleoptera: Adephaga). Quaestiones Entomologicae 26(2): 221-238.
- BURMEISTER, E.-G. (1990): The female genital structures of *Spanglerogyrus albiventris* Folkerts, 1979. A contribution to the systematic position of the Gyrinidae. Spixiana 13(3): 253-265.
- BÍLY, S. (1990): Colour guide To Beetles. Artia Prague, 223 pp.
- CALLOT, H.J. (1990). Catalogue et Atlas des Coléoptères d'Alsace. 2. Hydradephaga, Dytiscidae, Haliplidae, Gyrinidae. Soc. Alsacienne d'Entomologie: 1-69.
- CARR, R. (1990): Phenology and co-existence of *Agabus conspersus* and *A. nebulosus* (Coleoptera, Dytiscidae) in SE England, with observations on mature larval leg chaetotaxy. Ent. Tidskr. 111: 39-43.
- COHEN, J.E., BRIAND, F. & NEWMAN, C.M. (1990): Community food webs - data and theory. Springer, Berlin: 308 pp.
- DETTNER, K. (1990): Chemische Abwehr bei der ursprünglichen Käferfamilie der Amphizoidae - ein Beitrag zur Evolution der Pygidialdrüse der Hydradephaga. Mitt. Dtsch. Ges. Allg. Angew. Ent. 7: 519-526.
- DETTNER, K. (1990): Chemische Abwehr bei Käfern. Verh. Westd. Entom. Tag. 1989: 7-18.
- EVANS, M.E.G. (1990): Habits or habitats: Do carabid locomotor adaptations reflect habitats or lifestyles? In: The Role of Ground Beetles in Ecological and Environmental Studies (Stork, N.E. ed.). Intercept, Andover: 295-305.
- EYRE, M.D., FOSTER, G.N. FOSTER, A.P. (1990): Factors affecting the distribution of water beetle species assemblages in drains of eastern England. J. appl. Ent. 109: 217-225.
- FERY, H. & BRANCUCCI, M. (1990): *Deronectes angusi* n.sp. aus Spanien (Coleoptera: Dytiscidae). Ent. Z. 100(22): 430-432.
- FOSTER, G.N. (1990): Atlas of British Water Beetles. Preliminary Edition-Part 6. Balfour-Browne Club, Newsletter 48: 1-26.
- FOSTER, G.N. & SINCLAIR, M. (1990): Aquatic Coleoptera on Little Cumbrae Island. Glasgow Naturalist 21: 615-617.
- FRANCISCOLO, M.E. & SANFILIPPO, N. (1990): Ricerche biologiche in Sierra Leone. Four new species and new records of Hydradephaga from Sierra Leone (Coleoptera: Haliplidae, Gyrinidae, Dytiscidae). Acc. Naz. Lincei 387(265): 133-153.
- FRESNEDA, J. & FERY, H. (1990): *Stictonectes occidentalis* n.sp. vom Südwesten der Iberischen Halbinsel (Coleoptera: Dytiscidae). Ent. Z. 100(5): 73-83.

- FRESNEDA, J.G. HERNANDO, C.S. & RICO, E. (1990): *Datos para el conocimiento de los Hydradephaga (Coleoptera; Haliplidae, Dytiscidae) de la Península Ibérica*. Ilerda «Ciències» 48: 91-103.
- FRIDAY, L. (1990): *Sixty years of water beetle records at Wicken Fen, Cambridgeshire, England*. Balfour-Browne Club, Newsletter 46: 11-13.
- FRIDAY, L. & MAJERUS, M. (1990): *Beetles at light at Wicken Fen*. Balfour-Browne Club, Newsletter 47: 9-10.
- GARCÍA, R., HAGEN, K.S. & VOIGT, W.G. (1990): *Life History, Termination of Summer Diapause, and other Seasonal Adaptations of Agabus disintegratus (Crotch) (Coleoptera: Dytiscidae) in the Central Valley of California*. Quaestiones Entomologicae 26(2): 139-149.
- GARCÍA-AVILÉS, J. & SOLER, A.G. (1990): *Primera cita de Hydroporus (Hydroporus) productus Fairmaires, 1880 (Coleoptera, Dytiscidae) para Europa*. Anales de Biol. (Biol. Anim.), Murcia 16: 33-35.
- GARRIDO GONZÁLEZ, J. (1990): *Adephaga y Polyphaga acuáticos (Coleoptera) en la provincia fitogeográfica Orocantábrica (Cordillera Cantábrica, España)*. Ph. D. Thesis, León Univ., 432 pp.
- GARRIDO-GONZÁLEZ, J. & RÉGIL CUETO, J.A. (1990): *Aportaciones inéditas para la fauna acuática (Coleoptera, Adephaga y Polyphaga) de las Provincias Asturias, Cantabria, León, Lugo y Palencia*. IV Congreso Ibérico de Ent., Abstracts: 17.
- GARRY, C.E., SCHWERT, D.P., BAKER, R.G., KEMMIS, T.J., HORTON, D.G. & SULLIVAN, A.E. (1990): *Plant and insect remains from the Wisconsinan interstadial/stadial transition at Wedron, Borth-Central Illinois*. Quaternary Research 33: 387-399.
- GONZÁLEZ, J. & PAZDE, C. (1990): *Nuevos datos sobre los Dytiscidae (Coleoptera) de Galicia (NW Península Ibérica)*. IV Congreso Ibérico Entomol., Abstracts: 93.
- HAHLBOM, H.-H. (1990): *Fortpflanzungsgewässer vom Feuchtkäfer Hygrobia hermanni F. (H. tarda Herbst) (Col., Hygrobiidae)*. Beitr. Naturk. Niedersachsens 43: 214-215.
- HENDRICH, L. (1990): *Eine neue Hydroporus-Art aus dem Nordosten Griechenlands: Hydroporus hebaueri n.sp. (Coleoptera: Dytiscidae)*. Ent. Z. 100(13): 244-249.
- HERNANDO, C. (1990): *Laccophilus espanyoli n.sp. del Senegal (Coleoptera: Dytiscidae)*. Elytron. 4: 177-179.
- HILSENHOFF, W.L. (1990): *Use of Gonocoxae and the Sternal Apex to Identify Adult Females of North American Gyrimus Geoffroy (Coleoptera: Gyrimidae)*. Quaestiones Entomologicae 26(2): 193-197.
- HILSENHOFF, W.L. (1990): *Gyrimidae of Wisconsin, with a key to adults of both sexes and notes on distribution and habitat*. The Great Lakes Entomol. 23(2): 77-91.
- HOLMEN, M. & VAZIRANI, T.G. (1990): *Notes on the genera Neptosternus Sharp and Copelatus Erichson from Sri Lanka and India with the description of new species (Coleoptera: Dytiscidae)*. Koleopt. Rdsch. 60:19-31.
- JULIANO, S.A. & LAWTON, J.H. (1990): *The relationship between competition and morphology. I. Morphological patterns among co-occurring dytiscid beetles*. J. Anim. Ecol. 59: 403-419.
- JULIANO, S.A. & LAWTON, J.H. (1990): *The relationship between competition and morphology. II. Experiments on co-occurring dytiscid beetles*. J. Anim. Ecol. 59: 831-848.
- JULIANO, S.A. & LAWTON, J.H. (1990): *Extrinsic vs. intrinsic food shortage and the strength of feeding links: effects of density and food availability on feeding rate of Hyphydrus ovatus*. Oecologia 83: 535-540.

- KOCH, K. (1990): *Dritter Nachtrag zur Käferfauna der Rheinprovinz*. Decheniana 143: 307-339.
- KOCH, K.-P., ZINTZ, K. & RAHMANN, H. (1990): *Vergleichende Untersuchungen der Käferfauna an zwei kleineren oberschwäbischen Stehgewässern unterschiedlicher Ausprägung*. Ökologie & Naturschutz 3: 205-212.
- KÖHLER, F. & MATERN, H.D. (1990): *Beitrag zur Kenntnis der Käferfauna der Südeifel (Ins., Col.)*. Rdschr. Arge. rhein. Koleopterologen 2: 39-55.
- KORDYLAS, A. (1990): *Water beetles in the Pasleka river, North-East Poland*. Balfour-Browne Club, Newsletter 46: 16-21.
- KORDYLAS, A. (1990): *Chraszcze wodne (Coleoptera) lobeliowego jeziora Krzemno*. Fragmenta faunistica 33: 71-81.
- KOVAC, D. & MASCHWITZ, U. (1990): *Secretion-grooming in aquatic beetles (Hydradephaga): a chemical protection against contamination of the hydrofuge respiratory region*. Chemoecology 1: 131-138.
- LARSON, D. (1990): *Oreodytes obesus (Leconte) and O. sanmarkii (C.R. Sahlberg) (Coleoptera: Dytiscidae) in North America*. Col. Bull. 44(3): 295-303.
- LARSON, D. (1990): *Odonate predation as a factor influencing dytiscid beetle distribution and community structure*. Quaestiones Entomologicae 26(2): 151-162.
- LARSON, D.J. & HOUSE, N.L. (1990): *Insect communities of Newfoundland Bog pools with emphasis on the Odonata*. Can. Ent. 122: 469-501.
- LARSON, D.J. & ROUGHLEY, R.E. (1990): *A review of the species of Liodes Guignot of North America north of Mexico with the description of a new species (Coleoptera: Dytiscidae)*. J. New York Ent. Soc. 98(2): 233-245.
- LEBLANC, P. (1990): *Atlas Permanent des Hydrocanthares de France. 1. Haliplidae*. Pub. Sci. du Pavillon Saint-Charles 1: 60.
- LUCHT, W. (1990): *Koleopterologischer Jahresbericht 1987*. Entomol. Blätter 86(1-2): 115-128.
- MAES, J.-M. (1990): *Catálogo de los insectos controladores biológicos en Nicaragua. Volumen II. Insectos de predadores (segunda parte)*. Revista Nicaraguense de Entomología 9: 1-120.
- MILLÁN, A. & SOLER, A.G. (1990): *Herophydrus musicus (Klug, 1833), primera cita para la Península Ibérica (Coleoptera, Dytiscidae)*. Bol. Asoc. Esp. Entomol. 14: 272.
- MILLÓN, A., VELASCO, J., SOLER, A.G. & DELGADO, J.A. (1990): *Los Haliplidae, Gyrididae y Noteridae (Col., Hydradephaga) de la cuenca del Río Segura (SE de la Península Ibérica), aspectos faunísticos, ecológicos y biogeográficos*. IV Congreso Ibérico Entomol., Abstracts: 98.
- NAKANE, T. (1990): *Notes on some little-known beetles (Coleoptera) in Japan 6*. Kita-Kyûshû no Konchû 37(2): 61-68.
- NAKANE, T. (1990): *Notes on two species of Dytiscidae (Coleoptera)*. Fragm. Coleopt. 45/48: 198.
- NAKANE, T. (1990): *The beetles of Japan (new series)*. 89. Konchu to Shizen 25(1): 26-31. [Ja]
- NAKANE, T. (1990): *The beetles of Japan (new series)*. 90. Konchu to Shizen 25(4): 27-31. [Ja]
- NECKLES, H.A., MURKIN, H.R. & COOPER, J.A. (1990): *Influences of seasonal flooding on macroinvertebrate abundance in wetland habitats*. Freshwater Biol. 23: 311-322.
- NILSSON, A.N. (1990): *Two new species of Hydroporus Clairville (Coleoptera, Dytiscidae) from Siberia*. Ent. Tidskr. 111: 33-37.
- NILSSON, A.N. (1990): *An annotated list of the works of Prof. K. Galewski on water beetles 1957-1987*. Balfour-Browne Club, Newsletter 46: 2-6.

- NILSSON, A.N. (1990): *Revisional notes on selected East Palaearctic species of Agabus Leach (Coleoptera, Dytiscidae)*. Ent. Tidskr. 111: 149-161.
- NILSSON, A.N. & LARSON, D.J. (1990): *A review of the Agabus affinis group (Coleoptera: Dytiscidae), with the description of a new species from Siberia and a proposed phylogeny*. Systematic Entomology 15: 227-239.
- NILSSON, A.N. & PERSSON, S. (1990): *Dimorphism of the Metasternal Wing in Agabus raffrayi and A. labiatus (Coleoptera: Dytiscidae) Questioned*. Aquatic Insects 12(3): 135-144.
- PARSONS, M. (1990): *Coelambus nigrolineatus at Rye Harbour, East Sussex – a third British record*. Balfour-Browne Club, Newsletter 46: 8.
- PEDERZANI, F. 1989 (1990): *Il margine laterale del pronoto nelle femmine di Scaerodytes halensis S.L. (Coleoptera Dytiscidae)*. Atti Acc. Rov. Agiati a. 239, 29(VI) B: 49-55.
- PEDERZANI, F. (1990): *Coleotteri Idrodefagi raccolti nei canali di scolo e di bonifica della provincia di Ferrara (Coleoptera Haliplidae, Dytiscidae, Gyrinidae)*. Quad. Staz. Ecol. civ. Mus. St. nat. Ferrera 3: 65-71.
- PEMBERTON, R.W. (1990): *Scientific note. The Korean Water Beetle Game*. Pan Pacific Entomol. 66(2): 172-174.
- PFADENHAUER, H.J., SIUDA, C. & KRINNER, C. (1990): *Ökologische Entwicklungskonzept Kendlmühlfilzen*. Bayerisches Landesamt für Umweltschutz 91: 5-61.
- PONEL, P. & COOPE, G.R. (1990): *Lateglacial and Early Flandrian Coleoptera from La Taphanel, Massif Central, France: Climatic and Ecological Implications*. Journal of Quaternary Science 5(3): 235-249.
- QUENEY, P. (1990): *Note de chasse et observations diverses. Agabus (Gaurodytes) melanarius en Normandie (Col. Dytiscidae)*. L'Entomologiste 46(4): 166.
- QUENEY, P. (1990): *Note de chasse et observation diverses. Présence de Stictonectes epipleuricus Seidlitz 1897 dans les Pyrénées-Atlantiques (Col. Dytiscidae)*. L'Entomologiste 46(4): 166.
- RAHMANN, H. & HOLLNAICHER, M. (1990): *Limnologisch-ökologische Untersuchungen sekundärer Stehgewässer und Empfehlungen zu ihrem Management am Beispiel Oberschwabens*. Ökologie & Naturschutz 3: 441-464.
- READ, R.W.J. (1990): *Record of Gyrinus minutus Fabricius (Col.: Gyrinidae) from Cumbria*. Entomologist's Record 102: 64.
- READ, R.W.J. (1990): *Some records of water beetles from Cumbria*. The Coleopterist's Newsletter 40: 4-5.
- READ, R.W.J. (1990): *Two rare water beetles (Col. Dytiscidae) from Cumbria*. Ent. Mon. Mag. 126: 260.
- RIBERA, I. & ISART, J. (1990): *Coexistencia de especies del género Graptodytes (Coleoptera, Dytiscidae) en los estanques de Capmany (Gerona): morfometria y ecologia*. IV Congreso Ibérico Entomol.: 71-72.
- RICHOUX, PH., DALMON, J. & REYGROBELLET, J.L. (1990): *Données complémentaires sur la systématique et l'ecologie de Siettitia avenionensis (Coleoptera, Dytiscidae)*. Annls Limnol. 26(1): 39-44.
- RICO, E., PÉREZ, L.C. & MONTES, C. (1990): *Lista faunística y bibliográfica de los Hydradephaga (Coleoptera: Haliplidae, Hygrobiidae, Noteridae, Dytiscidae) de la Península Ibérica e Islas Baleares*. Asociacion Española de Limnologia 7: 1-216.
- ROCCHI, S. (1990): *Idrodefagi raccolti nel Kenya nord-orientale e descrizione di Copelatus pardii n.sp.* Rend. Fis. Acc. Lincei 9(1): 441-445.
- RÖSER, B. (1990): *Grundlagen des Biotop- und Artenschutzes*. Ecomed: 1-156.
- ROUGHLEY, R.E. (1990): *A systematic revision of species of Dytiscus Linnaeus (Coleoptera: Dytiscidae). Part 1. Classification based on adult stage*. Quaestiones Entomologicae 26(3): 383-557.

- RÉGIL CUETO, J.A., CALLEJO, J. & GARRIDO GONZÁLEZ, J. (1990): *Aplicación del archivo NEOTREG. DBF a la familia Haliplidae Thomson, 1860 (Coleoptera)*. IV Congreso Ibérico Entomol., Abstracts: 2-3.
- SATÔ, M. (1990): *Synonymic Notes on Copelatus Species (Dytiscidae)*. Elytra 18(1): 81.
- SATÔ, M. (1990): *Some aquatic Coleoptera from Taiwan*, 2. Trans. Shikoku Entomol. Soc. 19(3): 101-103.
- SATÔ, M. & NILSSON, A.N. (1990): *Notes on the species of the Agabus congener complex (Coleoptera, Dytiscidae) from Japan and the Kurile Island*. Elytra 18: 193-196.
- SAÍNZ-CANTERO, C.E., ZAMORA-MUÑOZ, C. & ALBA TERCEDOR, J. (1990): *Coleópteros acuáticos de la cuenca del Río Genil (Ganda, España)*. IV Congreso Ibérico Entomol., Abstracts: 105.
- SCHENK, M. & RAHMANN, H. (1990): *Faunistisch-ökologische Untersuchungen des Verlandungsbereichs dreier oberschwäbischer Kiesgruben jüngerer Sukzession unter besonderer Berücksichtigung der Käfer*. Ökologie & Naturschutz 3: 475-484.
- SCHULTE, H. & WEINZIERL, A. (1990): *Beiträge zur Faunistik einiger Wasserinsektenordnungen (Ephemeroptera, Plecoptera, Coleoptera, Trichoptera) in Niederbayern*. Lauterbornia 6: 1-83.
- SONDERMANN, W. (1990): *Zur Ökologie und Faunistik der in der Umgebung von Bremen vorkommenden Schwimmkäfer (Dytiscidae) sowie von Hygrobia tarda*. Abh. Naturw. Verein Bremen 41(2): 131-152.
- STRACK-ROMBACH, M. (1990): *Limnologische Untersuchungen der Erft und des Erftmühlenbaches im Raum Kuchenheim (Kreis Euskirchen)*. Decheniana 143: 392-399.
- URICH, K. (1990): *Vergleichende Biochemie der Tiere*. Gustav Fischer Verlag Stuttgart: 676 pp.
- VARJU, D. (1990): *The Organization of a swarm of the Australian whirligig beetle Macrogyrus*. Verh. D. Zool. Ges. 83: 432-433.
- VONDEL, B.J. VAN (1990): *Description of Halipus harminae n. sp. from China (Coleoptera: Haliplidae)*. Ent. Ber., Amst. 50(2): 22-24.
- WAIBEL, A., BAUSER-ECKSTEIN, A. & RAHMANN, H. (1990): *Vergleichende populationsdynamische Untersuchungen der Amphibienfauna dreier fischereilich unterschiedlich genutzter Weiher im Altdorfer Wald bei Weingarten (Oberschwaben)*. Naturschutzforum 3/4: 229-249.
- WALTER, T. & ERNI, S. (1990): *Käfer des Ruggeler Rietes*. Ber. Bot.-Zool. Ges. Liechtenstein-Sargans-Werdenberg 18: 279-313.
- WEWALKA, G. & NILSSON, A.N. (1990): *A new species of Agabus Leach 1817 (Coleoptera Dytiscidae) from the highlands of Ethiopia*. Tropical Zoology 3: 151-157.
- WHITMAN, D.W., BLUM, M.S. & ALSOP, D.W. (1990): *Allomonas: Chemicals for Defense*. In: *Insect defenses* (EVANS, D.L. & SCHMIDT, J.O., eds). State Univ. New York Press, Albany: 289-351.
- WOLFE, G.W. & ROUGHLEY, R.E. (1990): *A taxonomic, phylogenetic, and zoogeographic analysis of Laccornis Gozis (Coleoptera: Dytiscidae) with the descriptions of Laccornini, a new tribe of Hydroporinae*. Quaestiones Entomologicae 26(3): 273-354.
- YANG, P.S., HSIEH, S.-H. & WONG, K.-C. (1990): *Survey on the resource and ecology of aquatic insects in Pel-Shih Stream*. 2. *The hydrodynamic factors of the stream and the community structure of the aquatic insects*. Chin. J. Entomol./Zhonghua Kunchong 10(3): 249-269.
- YOUNG, F.N. (1990): *Predaceous water beetles of the genus Desmopachria Ba-*

- bington: the subgenus Pachriostrix Guignot (Coleoptera: Dytiscidae)*. Col. Bull. 44(2): 224-228.
- YOUNG, F.N. (1990): *A review of classification of the water beetles of the New World genus Bidessonotus Régimbart (Coleoptera: Dytiscidae: Hydroporinae: Bidessini)*. Quaestiones Entomologicae 26(3): 355-281
- YOUNG, F.N. (1990): *New Neotropical species of Desmopachria (Desmopachria s.str.) Babington (Coleoptera, Dytiscidae)*. Insecta Mundi 4(1-4): 41-48.
- ZINTS, K., SCHUSZTER, G., KÖNIG, A., KOCH, K.-P. & RAHMANN, H. (1990): *Faunistisch-ökologische Untersuchungen an den Haidgauer Quellseen in Oberschwaben*. Ökologie & Naturschutz 3: 213-226.

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