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[As at 8/7/14]

LITERATURE CITATIONS

[* indicates that I have a copy of the paper in question]

- 0001** **Anonymous.** 1975. Quarterly Research Report, March 31, 1975. National Water Quality Laboratory, Duluth, Minn., USA.
- 0002** *_____. 1977. Photographs of biological subjects in caves: A tribute to the work of A.E. McR.Pearce. *Stud. Speleol.* 3(1):3-12. BA65-52367.
- 0003** _____. 1979. Appendix 7. Trichoptera. p. 142. *In: A wood in Askam. A study in wetland conservation.* eds Fitter & Smith. W'm Sessions, The Ebor Press, York, England. ZR117.
- 0004** *_____. 1979. Herbert Holdsworth Ross 1908-1979. *Ent. News* 90:62.
- 0005** ***Aagaard, K. & B.Silversten.** 1980. The benthos of Lake Huddingsvatn, Norway, after five years of mining activity. pp 247-254. *In: Proc. int. Symp. Chironomidae.* ed. D.A.Murry.
- 0006** **Abbot, T.M., K.L.Dickson, & J.Cairns, Jr.** 1978. The importance of drift and benthic food sources to Rainbow (*Salmo gairdneri*) and Brown Trout (*Salmo trutta*) diets in a stream. *Bull. Assoc. SE Biol.* 25(2):80. BRI15-19065.
- 0007** ***Abe, N., S.Murai [& 19 others],** 1975. Productivity of the communities of acid lakes in Urubandai, with special reference to Lake Tatsu-numa, one of the disharmonic lakes. *In: Productivity of communities in Japanese inland waters.* *Jap. int. biol. Progr. Synth.* 10(4):149-197.
- 0008** ***Adamek, Z. & P.Obrdlík.** 1977. Food of important cyprinid species in the warmed barbozone of the Oslava River. *Fol. Zool.* 26:171-182.
- 0009** ***Adamson, S.W. & T.E.Wissing.** 1977. Food habits and feeding periodicity of the Rainbow, Fantail, and Banded Darters in Four Mile Creek. *Ohio J. Sci.* 77:164-169. BA64-61713.
- 0010** ***Adamus, P.R. & A.R.Gaufin.** 1976. A synopsis of nearctic taxa found in aquatic drift. *Amer. midl. Nat.* 95:198-204. NABS.
- 0011** ***Adlemanseder, A.** 1965. Faunistische-ökologische Untersuchungen im Flußgebiete der Antiesen unter besonderer Berücksichtigung der Trichopteren. Ein Beitrag zur Limnologie der Fließgewässer des Alpenvorlands. I. Teil. *Jb. Oberöst. Mus. Ver. Linz* 110:386-421.
- 0012** *_____. 1973. Insektenfunde an einigen oberösterreichischen Fließgewässern unter besonderer Berücksichtigung der Trichopteren und Ephemeropteren sowie einige Bemerkung über ihre Biozönose. *Jb. Oberöst. Mus. Ver. Linz* 118:227-246. ZR110.
- 0013** *_____. 1978. Weitere Trichopterenfunde an Gewässern in Oberösterreich und Salzburg. Ein Beitrag zur Trichopterenfauna Österreichs, mit ergänzenden Beobachtungen. *Jb. Oberöst. Mus. Ver. Linz* 123:269-290.
- 0014** **Adrian, S., C.Ion, & I.Ionel.** 1971. [Studies on the hydrochemical and hydrobiological conditions of the hydrographic basin of the River Lotru before filling the impoundment (1970)]. *Bul. Cercet. Piscic.* 30(2):33-47. ASFA(1)2-2481.
- 0015** ***Agenjo, R.** 1974. *Acentropus niveus* (O.L.,1791) especie, género y familia nuevos para la fauna portuguesa (Lep. Acentropidae). *Graellsia* 28:15-23. BA58-61694.
- 0016** ***Ahsan, M. & Aziz-Ullah.** 1974. Aquatic fauna of Swat Valley, Pakistan: part II. A preliminary report on freshwater insects. *Biologia* 20:173-178. BA61-49383.
- 0017** ***Aiken, R.B.** 1979. A size selective underwater light trap. *Hydrobiologia* 65:65-68.
- 0018** ***Aioi, K. & G.Yamamoto.** 1976. The plant debris in Lake Tatsu-numa, the Urubandai district. *Jap. J. Limnol.* 37:12-22. Engl., engl., jap. BA63-19698.
- 0019** **Akhrorov, F.** 1974. [Study of the macrozoobenthos of flood plain lakes of the Vakhsh River.]. *Izv. Akad. Nauk. Tadzh. SSR Otd biol. Nauk* 1:54-58. Russ., tadzh. BA59-30573.

- 0020** **Alderson, R.** 1969. Studies on the larval biology of Caddis Flies of the family Psychomyiidae. PhD thesis, University College of South Wales & Monmouthshire, Univ. Wales, Cardiff. (5)+110 pp.
- 0021** ***Ali, S.R.** 1971. Bottom fauna of streams in Spring season in relation to food of fishes. Pakistan J. Sci. 23:73-77. ZR108.
- 0022** ***Alimov, A.F. & N.V.Shadrin.** 1977. [Caloric content of some representatives of freshwater benthos.]. *Gidrobiol. Zh.* 13(3):80-86. Russ., russ., engl. BA65-27270; BRI18-2630. [Also published in *Hydrobiol. J.* 13(3):68-74. Engl. BPan 18002630].
- 0023** ***Alimov, A.F. & V.G.Vlasova.** 1980. [Growth and production of larvae of the Trichoptera.]. *Zool. Zh.* 59:1483-1493. Russ.
- 0024** ***Allan, J.D.** 1974. Faunal turnover and longitudinal zonation in an alpine stream. p. 3. *In: XIX Congr., Int. Assoc. Limnol. ed. K.E.Marshall.* [Abstract]. BRI75-90183.
- 0025** *_____. 1975. The distributional ecology and diversity of benthic insects in Cement Creek, Colorado. *Ecology* 56:1040-1053.
- 0026** *_____. 1975. Faunal replacement and longitudinal zonation in an alpine stream. *Verh. int. Ver. theor. angew. Limnol. (2):1646-1652. ed. V.Sladecek.* BRI13-22749.
- 0027** *_____. 1978. Trout predation and the size composition of stream drift. *Limnol. Oceanogr.* 23:1231-1238. NABS.
- 0028** ***Allegret, P. & C.Denis.** 1972. Dispositif pour l'élevage d'insectes aquatiques à température constante. *Ann. Hydrobiol.* 3(1):65-67. BA56-2661; EA4-3338; ASFA(1)3-3583.
- 0029** *_____. 1972. Données fournies par le microscope à balayage sur l'appareil fileur de quelques lépidoptères et trichoptères. *Bull. Soc. zool. Fr.* 97:527-528.
- 0030** ***Allegret, P., C.Denis, & J.LeLannic.** 1976. [Method of feeding ammocoetes of *Lampetra planeri* in the presence of phytophagous larvae of Trichoptera.]. *Bull. Soc. zool. Fr.* 101:135-136. BRI13-26253.
- 0031** *_____. 1977. Obtention, au laboratoire, de taux de croissance élevés chez les ammocètes de *Lampetra planeri* (Bloch) par une nouvelle méthode d'alimentation. Comparaison avec les croissances naturelles. *Ann. Hydrobiol.* 17(2):253-262. Fr., fr., engl. BA65-53459.
- 0032** **Alstad, D.N.** 1978. Distributional and community ecology of filtering Caddisflies (Trichoptera: Hydropsychidae). PhD thesis, University of Utah. 94 pp. Dissert. Abs. int. (B) 39: 2639. ZR115.
- 0033** *_____. 1980. Comparative biology of the common Utah, USA, Hydropsychidae (Trichoptera). *Amer. midl. Nat.* 103:167-174. BA70-65367; EA11-9382; ASFA(1)10-17567.
- 0034** ***Amann, E.** 1972. Wissenschaftler erforschen unsere Alpenseen. *Der Bergfreund* 24(4):1-4.
- 0035** *_____. 1980. Limnologische und fischereiliche Untersuchungen am Sünser See (Vorarlberg). *Österr. Fisch.* 33:205-215.
- 0036** ***Amann, E. & E.Gnaigner.** 1979. [Seasonal dependance of food of Rainbow Trout (*Salmo gairdneri*) in Kalbelesee (Voralberg, Austria).]. *Österr. Fisch.* 32:32-39. Germ., germ., engl. ASFA(1)10-1690.
- 0037** ***Amanov, A.A., F.A.Turdakov, & M.D.Devonov.** 1974. [Turkestan Catfish *Glyptosternum reticulatum* McClelland of the Amu Darya tributaries.]. *Vopr. Ikhtiol.* 14:980-989. Russ. BA 60-24200.
- 0038** ***Ammar, E.D.** 1975. A light trap method for catching only smaller insects, and its efficacy in catching certain groups compared with a sweeping net. *Zeit. angew. Ent.* 79:104-109. Engl., engl., germ. BA61-30664.
- 0039** **Andersen, A.J.L.** 1979. The biology and ecology of co-existing species of *Polycentropus* (Trichoptera: Polycentropodidae) in a Michigan bog lake. PhD. thesis, Bowling Green St. Univ., USA. 158 pp. NABS.
- 0040** ***Andersen, T.** 1974. Caddis Flies (Trichoptera) from the outer part of Sogn and Fjordane. *Norw. J. Ent.* 21:25-29. BA59-25871; EA6-471; ASFA(1)4-11628; ZR111.
- 0041** *_____. 1975. Caddis Flies (Trichoptera) from Vestfold, south-eastern Norway. *Norw. J. Ent.* 22:155-162. BA61-38141; EA6-8808; ZR112.
- 0042** *_____. 1976. Lysfellefangst av Trichoptera på Osterøy, ytre Hordaland. Thesis, Univ. Bergen. 42 pp. TN.

- 0043 * _____. 1976. Notes on *Limnephilus hirsutus* Pict. (Trichoptera, Limnephilidae). Norw. J. Ent. 23:88-89. BA62-67414; EA7-7562; ZR113.
- 0044 * _____. 1978. Influence of temperature on the sex ratio of Trichoptera in light-trap catches in western Norway. Norw. J. Ent. 25:149-151. BA67-65901; EA10-3679.
- 0045 * _____. 1979. Some Caddis Flies (Trichoptera) in western Norway, and their arrival pattern in light traps. Fauna Norv., Ser. B, 26:12-17.
- 0046 * _____. 1979. Trichoptera. Fauna of Hardangervidda. 13:3-18. Universitetsvorlaget, Bergen, Norway.
- 0047 * _____. 1980. On the occurrence of Beraeidae (Trichoptera) in western Norway. Fauna Norv., Ser. B, 27:22-24.
- 0048 * _____. 1980. Relative abundance and flight periods of Trichoptera at Lake Vassbygdvann, West Norway. Fauna Norv., Ser. B, 27:25-31.
- 0049 *Anderson, T., A.Fjellheim, R.Larsen, & C.Otto. 1978. Relative abundance and flight periods of Ephemeroptera, Plecoptera and Trichoptera in a regulated west Norwegian river. Norw. J. Ent. 25:139-144. BA67-65903; EA10-4297.
- 0050 *Anderson, D.T., M.J.Fletcher, & C.Lawson-Kerr. 1976. A marine Caddis Fly, *Philanisis plebeius*, ovipositing in a starfish, *Patriella exigua*. Search 7:483-484. ZR116.
- 0051 *Anderson, D.T. & C.Lawson-Kerr. 1977. The embryonic development of the marine Caddis Fly, *Philanisis plebeius* Walker (Trichoptera: Chathamidae). Biol. Bull. 153:98-105. BA 64-50741; EA9-3532; ZR114.
- 0052 *Anderson, N.H. 1974. Observations on the biology and laboratory rearing of *Pseudostenophylax edwardsi* (Trichoptera: Limnephilidae). Can. J. Zool. 52:7-13. Engl., engl., fr. BA58-8045; EA5-5176; ZR111.
- 0053 * _____. 1974. The eggs and oviposition behaviour of *Agapetus fuscipes* Curtis (Trich., Glossosomatidae). Ent. mon. Mag. 109:129-131. BA59-2937; ZR112.
- 0054 * _____. 1976. The distribution and biology of the Oregon Trichoptera. Agric. Exp't. St'n tech. Bull. Oregon St. Univ. 134, viii+152 pp. BRI13-45804; ZR114.
- 0055 * _____. 1976. Carnivory by an aquatic detritivore, *Clistoronia magnifica* (Trichoptera: Limnephilidae). Ecology 57:1081-1085. BA63-37402; EA8-1994; ZR113.
- 0056 * _____. 1978. Continuous rearing of the limnephilid Caddisfly, *Clistoronia magnifica* (Banks). Proc. int. Symp. Trich. 2:317-329. BRI17-15142; ZR114.
- 0057 * _____. 1979. Bringing live insects into the classroom. In: Innovative teaching in aquatic Entomology. eds Resh & Rosenberg. Canadian Special Publ. Fish. aquat. Sci. (43):47-49.
- 0058 * _____. 1979. Two New Zealand insects. Proc. Washington St. ent. Soc. 41:555. [Abstract also in: Bull. Oregon ent. Soc. 73:612]. ZR116.
- 0059 *Anderson, N.H. & M.J.Anderson. 1974. Making a case for the Caddisfly. Ins. World Digest 1(6):1-6. BRI11-54378; ZR112.
- 0060 *Anderson, N.H. & J.R.Bourne. 1974. Bionomics of three species of glossosomatid Caddis Flies (Trichoptera: Glossosomatidae). Can. J. Zool. 52:405-411. BA58-8326.
- 0061 *Anderson, N.H. & K.W.Cummins. 1979. Influences of diet on the life histories of aquatic insects. J. Fish. Res. Bd Can. 36:335-342.
- 0062 *Anderson, N.H. & E.Grafius. 1974. Utilization and processing of allochthonous and autochthonous materials by stream Trichoptera. p. 3. In: XIX Congr. int. Assoc. Limnol. ed. K.E. Marshall. [Abstract]. BRI11-90186.
- 0063 * _____. 1975. Utilization and processing of allochthonous material by stream Trichoptera. Verh. int. Ver. theoret. angew. Limnol. 19:3083-3088. EA8-716; BRI13-22928.
- 0064 * _____. 1977. Adaptive strategies of Caddisflies in utilization of food resources. SIL Congr., Copenhagen, 20. [Abstract].
- 0065 *Anderson, N.H. & J.R.Sedell. 1979. Detritus processing by macroinvertebrates in stream ecosystems. Ann. Rev. Ent. 24:351-377. BRI17-18714.
- 0066 *Anderson, N.H., J.R.Sedell, L.M.Roberts, & F.J.Triska. 1978. The role of aquatic invertebrates in processing of wood debris in coniferous forest streams. Amer. midl. Nat. 100:64-82. BA67-20858.

- 0067 *Anderson, N.H. & J.L.Wold. 1972. Emergence trap collections of Trichoptera from an Oregon stream. *Can. Ent.* 104:189-201. BA54-14690; EA3-5372; ASFA(1)2-7876; ZR109.
- 0068 *Anderson, R.L. & D.L.Defoe. 1980. Toxicity and bioaccumulation of Endrin and Methoxychlor in aquatic invertebrates and fish. *Environ. Pollut., Ser. A* 22:111-122. BA71-6752; EA 12-2122.
- 0069 *Anderson, R.V. & W.S.Vinikour. 1977. Distribution of *Hydropsyche* and *Cheumatopsyche* (Trichoptera: Hydropsychidae) in relation to the thickness of an algal mat. *Trans. Illinois St. Acad. Sci.* 69:485-489. BA66-20177; ZR114.
- 0070 *_____. 1980. Shells of *Physa gyrina* (Gastropoda, Physidae) observed as substitute case-making material by *Glossosoma intermedium* (Trichoptera, Glossosomatidae). *Ent. News* 91: 85-86. EA12-1913; BRI(BA/RRM)19-44249.
- 0071 *Ando, H. & M.Tanaka. 1980. Early embryonic development of the primitive moths, *Endoclyta signifer* and *Endoclyta excrescens* (Lepidoptera: Hepialidae). *Int. J. Ins. Morph. Embryol.* 9:67-77. BA70-44597.
- 0072 *Andreasson, S. 1971. Feeding habits of a Sculpin (*Cottus gobio* L. Pisces) population. *Rep. Inst. Freshw. Res. Drottningholm* 51:5-30. BA54-53754.
- 0073 *Andrews, D.A. & G.W.Minshall. 1979. Longitudinal and seasonal distribution of benthic invertebrates in the Little Lost River, Idaho, USA. *Amer. midl. Nat.* 102:225-263. BA69-288 53.
- 0074 *_____. 1979. Distribution of benthic invertebrates in the lost streams of Idaho, USA. *Amer. midl. Nat.* 102:140-148. BA69-8590.
- 0075 *Andrikovics, S. 1973. [Hydroecological and zoological examinations in the pondweed fields of Lake Fertö.]. *Allantani Kozl.* 60(1-4):39-50. Hung., engl., russ. BA60-24562.
- 0076 *_____. 1975. Macrofaunal biomass in the submerged vegetation stands of Lake Velence. *Symp. Biol. Hung.* 15:247-254.
- 0077 *_____. 1976(1979). Contribution to the knowledge on the invertebrate macrofauna living in the pondweed fields of Lake Fertö, Hungary. *Opusc. Zool.* 16:59-66. BA69-63427.
- 0078 *_____. 1979. [Investigations of the macrofauna of Lake Fertö.]. Thesis, Univ. Budapest, 157 pp.
- 0079 *Andrikovics, S. & Gy. Kertész. 1979. Presumable food relationships between some insect larvae of Lake Fertö (Hungary/Austria) on the basis of intestinal contents. *Ann. Univ. Sci. Budapest, Sect. Biol.* XX-XXI:185-190. ZR120.
- 0080 *Angelier, M.-L. 1976. Le Peuplement piscicole du Ruisseau de la Mousquère (Hautes-Pyrénées).]. *Ann. Limnol.* 12:299-321. Fr., fr., engl. BA64-55727.
- 0081 Ant, H. 1973. Die Bäche des Sauerlandes und ihre Fauna. *Natur Landtschaftsk. Westf.* 9:26-32. BerRob.
- 0082 *Anthony, E.L.P. & T.H.Kunz. 1977. Feeding strategies of the Little Brown Bat, *Myotis lucifuga*, in southern New Hampshire. *Ecology* 58:775-786. BA65-13834.
- 0083 *Applin, J.S. & D.C.Tarter. 1977. Caddisflies in genus *Rhyacophila* in West Virginia (Trichoptera: Rhyacophilidae). *Ent. News* 88:213-214. BA65-39820; EA9-3201; ZR114.
- 0084 *Armitage, P.D. 1976. A quantitative study of the invertebrate fauna of the River Tees below Cow Green Reservoir. *Freshw. Biol.* 6:229-240. BA63-1242; EA9-1136.
- 0085 *_____. 1977. Invertebrate drift in the regulated River Tees, and an unregulated tributary, Maize Beck, below Cow Green dam. *Freshw. Biol.* 7:167-193. NABS.
- 0086 *_____. 1977. Development of the macroinvertebrate fauna of Cow Green Reservoir (upper Teesdale) in the first five years of its existence. *Freshw. Biol.* 7:441-454. NABS.
- 0087 *_____. 1978. Downstream changes in the composition, numbers and biomass of bottom fauna in the Tees below Cow Green Reservoir and in an unregulated tributary Maize Beck, in the first five years after impoundment. *Hydrobiologia* 58:145-156. BA66-44880; ZR115.
- 0088 *_____. 1978. Catches of invertebrate drift by pump and net. *Hydrobiologia* 60:229-233. ZR115.
- 0089 *_____. 1979. Stream regulation in Great Britain. pp 165-181. *In: The ecology of regulated streams.* eds Ward & Stanford. Plenum Press, NY.

- 0090 *_____. 1980. The effects of mine drainage and organic enrichment on benthos in the River Nent system, northern Pennines. *Hydrobiologia* 74:119-128.
- 0091 ***Armitage, P.D., A.M.MacHale, & D.C.Crisp.** 1974. A survey of stream invertebrates in the Cow Green basin (upper Teesdale) before inundation. *Freshw. Biol.* 4:369-398. ASFA(1)530 22.
- 0092 *_____. 1975. A survey of the invertebrates of four streams in the Moor House National Nature Reserve in northern England. *Freshw. Biol.* 5:479-495. BA61-24829; EA8-2976; ASFA(1)6-4227.
- 0093 ***Arruda, J.A.** 1979. Consideration of the trophic dynamics in some tallgrass prairie farm ponds. *Amer. midl. Nat.* 102:254-262.
- 0094 ***Ashworth, A.C.** 1972. A late-glacial insect fauna from Red Moss, Lancashire, England. *Ent. Scand.* 3:211-224. EA4-532.
- 0095 *_____. 1973. The climatic significance of a late Quaternary insect fauna from Rodbaston Hall, Staffordshire, England. *Ent. Scand.* 4:181-205. BA57-66873.
- 0096 ***Ashworth, A.C., L.Clayton, & W.B.Bickley.** 1972. The Mosbeck site: a palaeoenvironmental interpretation of the late Quaternary history of Lake Agassiz based on fossil insect and mollusk remains. *Quatern. Res.* 2:176-188.
- 0097 ***Askew, R.R.** 1974. Insects from Bardsey Island. *Ent. Gaz.* 25:45-51. BA61-38047; ZR111.
- 0098 ***Avery, E.L.** 1978. The influence of chemical reclamation on a small Brown Trout stream in southwestern Wisconsin. *Wisc. Dept nat. Res. tech. Bull.* 110, 35 pp.
- 0099 ***Badcock, R.M.** 1975. The Hydropsychidae (Trichoptera) in Staffordshire. *N. Staffordshire J. Fld Stud.* 15:10-18. ZR112.
- 0100 *_____. 1976. The distribution of the Hydropsychidae in Great Britain. *Proc. int. Symp. Trich.* 1:49-58. EA7-7515; BRI12-62050; ZR113.
- 0101 *_____. 1978. The *Hydropsyche fulvipes-instabilis-saxonica* (Trichoptera) complex in Britain and the recognition of *H. sitalai* Döhler. *Ent. mon. Mag.* 113:23-29. EA9-5949; ZR115.
- 0102 *_____. 1978. Taxonomic controversies in the Hydropsychidae. *Proc. int. Symp. Trich.* 2:175-182. BRI17-15125; ZR114.
- 0103 ***Badmin, J.S.** 1979. Caddisfly species from Solihull, west Midlands. *Proc. Birmingham nat. Hist. Soc.* 24:37-38. NABS.
- 0104 ***Bagge, P., E.Ilus, & L.Paasivirta.** 1980. Emergence of insects (especially Diptera, Chironomidae) at different depths in the Archipelago of Lovisa (Gulf of Finland) in 1971. *Ann. Ent. Fenn.* 46:89-100. BA71-74302.
- 0105 ***Bagge, P. & V.-M.Salmela.** 1978. The macrobenthos of the River Tourujoki and its tributaries (central Finland): 1. Plecoptera, Ephemeroptera and Trichoptera. *Not. Ent.* 58:159-168. Engl., engl., swed., fin. BA68-14457; BRI17-52208; ZR115.
- 0106 ***Bailey, R.G., S.Churchfield, & R.Pimm.** 1978. Observations on the zooplankton and littoral macroinvertebrates of Nyumba ya Muiga Reservoir, Tanzania. *Biol. J. Linn. Soc.* 10:93-107.
- 0107 ***Baker, J.H. & L.A.Bradnam.** 1976. The role of bacteria in the nutrition of aquatic detritivores. *Oecologia* 24:95-104. NABS.
- 0108 ***Baker, J.R.** 1978. The Fantail Darter *Etheostoma flabellare* in the Salt River drainage, Kentucky. *Trans. Kentucky Acad. Sci.* 39:150-159. BA67-59085.
- 0109 ***Bakken, L.E. & G.S.Bakken.** 1977. American Redstart feeding by artificial light. *Auk* 94:373-374. BRI13-69907.
- 0110 ***Balduf, W.V.** 1974. The bionomics of entomophagous insects. 2nd ed. Part 2., E.W.Classey, England. [Reprint of 1939 original]. [Trichoptera pp. 102-186]. ISBN 0 900848 76 6. ZR111.
- 0111 ***Ball, E. & J.Glucksman.** 1978. Limnological studies of Lake Wisdom, a large New Guinea caldera lake with a simple fauna. *Freshw. Biol.* 8:455-468. BA67-72565.
- 0112 *_____. 1980. A limnological survey of Lake Dakatava, a large caldera lake on west New Britain, Oaoua New Guinea, with comparisons to Lake Wisdom, a younger nearby caldera lake. *Freshw. Biol.* 10:73-84. BA70-1432.
- 0113 ***Bankieris, G. & J.A.Barker.** 1976. A season comparison of benthic macroinvertebrates, Broken Sword and Tymochtee Creeks. p. 253. *In: Sandusky River basin Symposium*, Tippin,

- Ohio, USA. Int. Reference G'p on Gt Lks pollution from land use activities. U.S. Govt Print. Office, Washington, DC, USA. BRI13-44527.
- 0114** ***Baranov, V.V., S.P.Berlov, V.I.Matyukhin, N.V.Pozin, V.A.Sveshnikov, S.S.Sverdlov, & P.M.Filimonov.** 1973. [The ethogram of tube construction and acquisition by Caddis-fly larva *Potamophylax rotundipennis* Brauer (Trichoptera, Limnophilidae).]. Vestn. Mosk. Univ., Ser. 6 Biol. Pochvoved 28(5):3-8. Russ., engl. BA58-20177; BA60-58540; ZR110.
- 0115** ***Barber, W.E. & N.R.Kevern.** 1973. Ecological factors influencing macroinvertebrate standing crop distribution. Hydrobiologia 43:53-75. BA57-65392; ASFA(1)4-1562.
- 0116** *_____. 1974. Seasonal variation of sieving efficiency in lotic habitat. Freshw. Biol. 4: 293-300. BA58-60006; EA6-2950; ASFA(1)5-3967.
- 0117** ***Baril, S.F., R.J.Luedtke, & G.R.Roemhild.** 1978. Environmental effects of western coal combustion. Part II. The aquatic macroinvertebrates of Rosebud Creek, Montana. U.S. Environ. Protect. Agency EPA-600/3-78-099. 75 pp. NABS.
- 0118** ***Barlet, J.** 1979. Questions a propos des muscles trochantero-notaux des insectes. Bull. Ann. Soc. r. Belge Ent. 115:93-111.
- 0119** *_____. 1979. Particularites morphologiques du thorax de larves de trichoptères. Bull. Ann. Soc. r. Belge Ent. 115:209-238. EA12-6735.
- 0120** ***Bärlocher, F., R.J.MacKay, & G.B.Wiggins.** 1978. Detritus processing in a temporary vernal pool in southern Ontario. Arch. Hydrobiol. 81:269-295. Engl., engl., germ. BA66-44944.
- 0121** ***Barnard, P.C.** 1971. The larva of *Agraylea sexmaculata* Curtis (Trichoptera, Hydroptilidae). Ent. Gaz. 22:253-257. BA54-31930; EA4-150; ZR108.
- 0122** *_____. 1978. Oviposition in the Caddis-fly *Brachycentrus subnubilis* Curtis (Trichoptera, Brachycentridae). Ent. Gaz. 29:159-161. EA10-1751; ASFA(1)9-4154; ZR115.
- 0123** *_____. 1978. *Triaenodes reuteri* McLachlan in Essex, with a note on the identification of the female (Trichoptera, Leptoceridae). Ent. Gaz. 29:244-246. ZR115.
- 0124** *_____. 1978. An unusual habitat for the Caddis larva *Glyphotaelius pellucidus* (Retzius) (Trichoptera, Limnephilidae). Ent. Gaz. 29:224. EA10-5901; ZR115.
- 0125** *_____. 1980. A revision of the Old World Polymorphanisini (Trichoptera: Hydropsychidae). Bull. Brit. Mus. (Nat. Hist.), Ent. 41:59-106. EA12-4304.
- 0126** ***Barnby, M.A. & V.H.Resh.** 1980. Distribution of arthropod populations in relation to mosquito control recirculation ditches and natural channels in the Petaluma salt marsh of San Francisco Bay. Proc. Calif. Mosq. Vect. Contr. Assoc. 48:100-102.
- 0127** ***Barnes, J.R., R.Ovink, & K.W.Cummins.** 1978. Leaf litter processing in Gull Lake, Michigan, U.S.A. Verh. int. Ver. theoret. angew. Limnol. 20:475-479. BRI17-45598.
- 0128** ***Barnes, R.S.K., A.E.Dorey, & C.Little.** 1971. An ecological study of a pool subject to varying salinity (Swanpool, Falmouth). J. anim. Ecol. 40:709-734.
- 0129** ***Barton, D.R.** 1980. Benthic macroinvertebrate communities of the Athabasca River near Ft MacKay, Alberta. Hydrobiologia 74:151-160.
- 0130** ***Barton, D.R. & H.B.N.Hynes.** 1978. Seasonal variation in densities of macrobenthic populations in the wave-zone of north-central Lake Erie. J. Gt Lks Res. 4:50-56. ASFA(1)14-6348; BRI(BA/RRM)18-2666.
- 0131** *_____. 1978. Wave-zone macrobenthos of the exposed Canadian shores of the St Lawrence Great Lakes. J. Gt Lks Res. 4:27-45. ASFA(1)14-6350; BRI(BA/RRM)18-2664.
- 0132** *_____. 1978. Seasonal study of the fauna of bedrock substrates in the wave zones of Lakes Huron and Erie. Can. J. Zool. 56:48-74. NABS.
- 0133** ***Barton, D.R. & M.A.Lock.** 1979. Numerical abundance and biomass of bacteria, algae and macrobenthos of a large northern river, the Athabasca. Int. Rev. ges. Hydrobiol. 64:345-360. NABS.
- 0134** ***Barton, D.R. & R.R.Wallace.** 1979. The effects of an experimental spillage of oil sands tailings sludge on benthic invertebrates. Environ. Pollut., Ser. A 18:305-312. BA68-44309.
- 0135** *_____. 1979. Effects of eroding oil sand and periodic flooding of benthic macroinvertebrate communities in a brown-water stream in northeastern Alberta, Canada. Can. J. Zool. 57:533-541. Engl., engl., fr. BA68-40206.

- 0136 ***Bartonek, J.C.** 1972. Summer foods of American Widgeon, Mallards, and a Green-winged Teal near Great Slave Lake, N.W.T. *Can. fld Nat.* 86:373-376.
- 0137 ***Bass, M.L. & R.H.Strickler.** 1978. The occurrence of aquatic insects in mine runoff, Culpeper County, Virginia, USA. *Virginia J. Sci.* 29:56. [Abstract]. BRI(BA/RRM)18-33914.
- 0138 ***Baudoin, J.** 1971. Étude comparee de quelques gregarines Acanthosporinae. *J. Protozool.* 18:654-660. BA54-3863.
- 0139 ***Baudoin, J. & H.Décamps.** 1972. Un trichoptère nouveau pour la France: *Synagapetus moselyi* (Ulmer). *Ann. Stn biol. Besse-en-Chandesse* 6-7:59-67. EA6-2129; ZR109.
- 0140 ***Baum, I.C., C.Braun [& 15 others].** 1971. Hydrobiologischer Kurs in Bieber im Spessar. *Nat. Mus.* 101(2):84-88.
- 0141 ***Baumann, R.W.** 1977. Water insects and their relatives. *Amer. Biol. Teacher* 39:295-298 [references on p. 304].
- 0142 _____. 1979. Rare aquatic insects, or how valuable are bugs. *Gt Basin Nat. Mem.* 3:65-67. ZR116.
- 0143 ***Bautista, M.-I.** 1980(1981). Contribucia a l'estudi dels trichoptèrs d'Andorra. *Bull. Inst. Catal. Hist. nat., Sec. Zool.* 3 45:89-96. Catal., fr. ZR118.
- 0144 ***Bay, E.C.** 1974. Predator prey relationships among aquatic insects. *Ann. Rev. Ent.* 19:441-453. EA6-1526; ASFA(1)5-4258; BRI10-49121.
- 0145 ***Bayly, I.A.E., E.P.Ebsworth, & H.F.Wan.** 1975. Studies on the lakes of Fraser Island, Queensland. *Austr. J. mar. freshw. Res.* 26:1-13.
- 0146 ***Beck, L.T.** 1974. Succession of macroinvertebrate communities on gravel substrates. *Proc. Pennsylvania Acad. Sci.* 48:156. BRI11-85547.
- 0147 ***Becker, C.D.** 1973. Food and growth parameters of juvenile Chinook Salmon, *Oncorhynchus tshawytscha*, in central Columbia River. *US nat. mar. Fish. Serv. Fish. Bull.* 71(2):387-400. BA56-65785.
- 0148 ***Bell, F.G., G.R.Coope, R.J.Rice, & T.H.Riley.** 1972. Mid-Wichselian fossil-bearing deposits at Syston, Leicestershire. *Proc. Geologists' Assoc.* 83:197-211.
- 0149 ***Bell, H.L.** 1971. Effects of low pH on the survival and emergence of aquatic insects. *Water Res.* 5:313-319. BA52-129612; EA2-8855; ASFA(1)1-3385.
- 0150 ***Belluck, D.A., B.A.Pennington, & J.D.Unzicker.** 1980. Aberrant oviposition by the Caddis Fly *Triaenodes tarda* (Trichoptera: Leptoceridae). *Ent. News* 91:173-175. EA12-6169; BRI(BA/RRM)20-43678.
- 0151 ***Belwood, J.J. & M.B.Fenton.** 1976. Variation in the diet of *Myotis lucifugus* (Chiroptera: Vespertilionidae). *Can. J. Zool.* 54:1674-1678. Engl., engl., fr. BA63-31402.
- 0152 ***Benedeto-Castro, L.** 1975. Ökologie und Produktionsbiologie von *Agapetus fuscipes* Curt. in Breitenbach 1971-1972: Schlitzer Produktionsbiologie Studien: 11. *Arch. Hydrobiol., Suppl.* 45:305-375. Germ., germ., engl. BA61-1451.
- 0153 ***Benfield, E.F., A.C.Hendricks, & J.Cairns, Jr.** 1974. Proficiencies of two artificial substrates in collecting stream macroinvertebrates. *Hydrobiologia* 45:431-440.
- 0154 ***Bengtson, S.-A. & S.Ulfstrand.** 1971. Food resources and breeding frequency of the Harlequin Duck *Histrionicus histrionicus* in Iceland. *Oikos* 22:235-239. BA53-1440.
- 0155 ***Benke, A.C. & J.B.Wallace.** 1980. Trophic basis of production among net-spinning Caddisflies in a southern Appalachian stream. *Ecology* 61:108-118. BA70-63314; EA12-3124; ASFA(1)11-4839.
- 0156 ***Ben'kovskaya, M.L.** 1978. [Ecology of the Common Adder (*Vipera berus* L.) inhabiting the Yakutsk ASSR.]. *Vestn. Zool.* 1:83-84. Russ. BA66-57203.
- 0157 *_____. 1978. Feeding of mature *Anura* from Sakhalin Island. *Vestn. Zool.* 1:79-83. NABS.
- 0158 ***Bennington, S.L.** 1977. Benthic macrofauna-substrate relationships in an unpolluted and a polluted stream environment. *Mauri Ora* 5:21-38. BA66-50984; ZR114.
- 0159 ***Benz, G.** 1975. Über die Tanzschwärme der Köcherfliege *Hydropsyche pellucidula* Curtis (Trichoptera: Hydropsychidae). *Mitt. Schweiz. ent. Ges.* 48:147-158. Germ., engl. BA60-61812; EA7-6791; ZR112.

- 0160 ***Berczik, A.** 1972. Benennung der zwei ökologischen Gruppen wasserbewohnender Wirbellosen. *Opusc. Zool.* 12:33-41. Germ., engl. BA59-7349; EA6-2884; ASFA(1)5-400.
- 0161 ***Berger, J. & J.Kaster.** 1979. Convergent evolution between phyla: a test case of mimicry between Caddis-fly larvae (*Helicopsyche borealis*) and aquatic snails (*Physa integra*). *Evolution* 33:511-513. EA11-2037; BRI18-2691.
- 0162 ***Berthélemy, C.** 1973. Données préliminaires sur les plécoptères de Tunisie. *Verh. int. Ver. theor. angew. Limnol.* 18:1544-1548. ZR110.
- 0163 ***Bertrand, H.** 1974. Récoltes de larves et nymphes de trichoptères dans les Rhodésies et l'Afrique australe. *Bull. Soc. zool. Fr.* 99:561-571. Fr., fr., engl. BA60-20602; ASFA(1)5-8410; ZR111.
- 0164 ***Bertrand, J.-Y.** 1975. Recherches sur les eaux souterraines 27. Étude d'un aquifère épikarstique des corbières (Opoul, Pyrénées-Orientales). *Ann. Spéléol.* 30:513-537. Fr., fr., engl. BA63-67896.
- 0165 **Besch, W.** 1977. Der *Hydropsyche*-test. pp 128-141. *In: Biotest in der limnischen Toxikologie. Studien zum Gewässerschutz, vol. 2, Karlsruhe.*
- 0166 ***Besch, W.K., I.Schreider, & D.Herbst.** 1977. Der *Hydropsyche*-toxizitätstest, erprobt an Fenethcarb. *Schweiz. Zeit. Hydrol.* 39:69-85. Germ., germ., engl., fr. BA65-53054; ASFA(1)8-13598.
- 0167 ***Besch, W.K., I.Schreider, & E.Magnin.** 1979. Influence du sulfate de cuivre sur la structure du fillet des larves d'*Hydropsyche* (Insecta, Trichoptera). *Ann. Limnol.* 15:123-138. Fr., fr., engl. BA70-9820; EA11-8310; ASFA(1)10-14493.
- 0168 ***Bevercombe, A.M., N.Cox, M.P.Thomas, & J.O.Young.** 1973. Studies of the invertebrate fauna of a wet slack in a sand dune system. *Arch. Hydrobiol.* 71:487-516. EA4-6655.
- 0169 ***Bielli, E., C.Ramusino, M.Rossaro, & F.Segrado.** 1978. Inquinamento e variazioni del bentos in un torrente subalpino (Torrente Acquiba, Prov. di Novara). *Rendiconti Ist. Lomb. Sci. nat. (B)* 112:17-61. Ital., engl. ZR116.
- 0170 ***Biesiadka, E.** 1979. Ogólna charakterystyka faunistyczna środowisk wodnych Pienin. *Fragm. Faun.* 24:284-294. Pol., engl. russ. BA70-35901.
- 0171 ***Biesiadka, E. & K.Kasprzak.** 1978. An investigation on the macrofauna of the River Warta within the city of Poznań. *Acta Hydrobiol.* 19:109-122. NABS.
- 0172 **Bikinin, R.F. & L.P.Tikhomirova.** 1979. [Feeding of Whitefish acclimatised in some lakes of Bashkiria.]. *Sborn. nauch. Tru. gos. nauchno-issled. Inst. Ozern. rechn. ryb. Khozyaist.* (147):112-120. Russ., engl. ZR118.
- 0173 ***Bilby, R.E. & G.E.Likens.** 1980. Importance of organic debris dams in the structure and function of stream ecosystems. *Ecology* 61:1107-1114. NABS.
- 0174 ***Bishop, J.E.** 1973. Observations on the vertical distribution of the benthos in a Malaysian stream. *Freshw. Biol.* 3:147-156.
- 0175 **Bishop, J.W. & J.C.Conyers.** 1973. Responses of invertebrates on artificial substrates to heated water. *Virginia J. Sci.* 24:121. BRI11-70735.
- 0176 ***Bisson, P.A.** 1978. Diel food selection by two sizes of Rainbow Trout (*Salmo gairdneri*) in an experimental stream. *J. Fish. Res. Bd Can.* 35:971-975. Engl., engl., fr. BA66-44891.
- 0177 ***Bjarnov, N.** 1972. Carbohydrates in *Chironomus*, *Gammarus* and some Trichoptera larvae. *Oikos* 23:261-263. BA55-37722; EA3-9478; ZR109.
- 0178 ***Blackburn, W.M. & T.Petr.** 1979. Forest litter decomposition and benthos in a mountain stream in Victoria, Australia. *Arch. Hydrobiol.* 86:453-498.
- 0179 ***Blickle, R.L.** 1979. Hydroptilidae (Trichoptera) of America north of Mexico. *Bull. New Hampshire agric. exp't'l Stn* 509, ii+97 pp. ZR118.
- 0180 *_____. 1980. A new *Oxyethira* (Hydroptilidae, Trichoptera) of the *aola* Ross group; with a key to separate the five males of the group. *Pan-Pac. Ent.* 56:101-104. BA72-3342; EA12-4303.
- 0181 ***Blickle, R.L. & D.G.Denning.** 1977. New species and a new genus of Hydroptilidae (Trichoptera). *J. Kans. ent. Soc.* 50:287-300. BA64-33260; EA8-6353; ZR114.
- 0182 ***Blomberg, O., J.Itamies, & K.Kuusela.** 1976. Insect catches in a blended and black light-trap in northern Finland. *Oikos* 27:57-63. Engl., engl., russ. BA61-67063.

- 0183** *Blösch, J. 1977. [Benthic invertebrate fauna in the Aare and Rhine Rivers: I. Biological investigations.]. Schweiz. Zeit. Hydrol. 39:46-68. Germ., germ., engl., fr. BA65-51262.
- 0184** *_____. 1978. Der Einfluss der Abwärme des Kernkraftwerkes Beznau auf der Aare. Wasser Energiw. Luft 70:72-77.
- 0185** *_____. 1989. Bodenfaunistische Untersuchungen in Aare und Rhein. Schweiz. Zeit. Hydrol. 42:285-308.
- 0186** Bocharova-Messner, O.M. 1978. [Surface relief of insect wings.]. Dokl. Akad. Nauk SSSR, Ser. Biol. 241:357-360. Russ. BRI18-15283.
- 0187** *Bogatov, V.V. 1978. [Effect of high-flood on benthos drift in the Bonnak River (Zeya River basin).]. Ekologiya (6):36-41. Russ. BA68-66333.
- 0188** *Bohl, H.W. 1972. Vergleichende Untersuchungen über den frühlarven Köcherbau der Brachycentridarten *Micrasema minimum* MacLachlan und *Brachycentrus montanus* Klapalek (Trichoptera, Insecta). Zool. Jb. Abt. Syst. Ökol. Geogr. Tiere 99:507-544. Germ., engl. BA57-8982; EA4-5726; ZR109.
- 0189** *_____. 1974. Die frühlarvale Köcherbau von *Micrasema longulum* McL. (Trichoptera, Brachycentridae). Int. Rev. ges. Hydrobiol. 59(3):403-420. BA59-67693; EA7-186; ZR111.
- 0190** *Bolgova, O.M., V.S.Sidorov, Yu.A.Smirnov, & K.F.Sorvachev. 1977. [Fatty acid composition of cavitary fat in juvenile Salmon (*Salmo salar* L.) in natural conditions and in hatchery breeding.]. Vopr. Ikhtiol. 17:1090-1096. Russ. BA67-8091.
- 0191** *Bonazzi, G. & P.F.Ghetti. 1977. [The macroinvertebrate populations of Parma stream: results of a yearly cycle of research.]. Ateneo Parmense, Acta Nat. 13(3):351-396. Ital., ital., engl. BA66-13680.
- 0192** Boon, P.J. 1976. Studies on the distribution of certain Caddisfly larvae in the North Tyne River system with particular reference to Hydropsychidae (Insecta: Trichoptera). PhD thesis, Univ. Newcastle/Tyne, England. 204 pp. [Available from Brit. Lend. Libr., ref. D18270/77]. ZR119.
- 0193** *_____. 1977. An artificial stream for use in ecological research. Lab. Pract. 26(9):686. EA9-1880; ASFA(1)8-3957.
- 0194** _____. 1977. Experimental studies on the drift response in certain larvae of the Hydropsychidae (Insecta: Trichoptera). p. 306. In: SIL 20 Congr., Copenhagen, 1977. DIS Congr. Serv., Copenhagen. ASFA(1)8-4041.
- 0195** *_____. 1978. The pre-impoundment distribution of certain Trichoptera larvae in the North Tyne River system (northern England), with particular reference to current speed. Hydrobiologia 57:167-174. BA66-26328; EA10-608; ZR115.
- 0196** *_____. 1978. The use of ventral sclerites in the taxonomy of larval hydropsychids. Proc. int. Symp. Trich. 2:165-173. BRI17-15124; ZR114.
- 0197** *_____. 1979. Adaptive stratagies of *Amphipsyche* larvae (Trichoptera: Hydropsychidae) downstream of a tropical impoundment. pp 237-255. In: The Ecology of regulated streams. eds Ward & Stanford. Plenum Press, NY. ZR119.
- 0198** *_____. 1979. Studies on the spatial and temporal distribution of larval Hydropsychidae in the North Tyne River system (northern England). Arch. Hydrobiol. 85:336-359. BA69-360 12; EA11-389.
- 0199** Boon u. Ochssee, G.A. 1979. Dragonflies in the diet of the teleostean fish in the Comoe River, Upper Volta, West Africa. Not. Odonat. 1:46-47. BRI18-2632.
- 0200** Borger, G.A. 1980. Caddisflies. Chap. 5, pp 83-103. In: Naturals. A guide to food organisms of the Trout. Stackpole Books, Harrisburg, PA, USA (Nelson & Sons, Don Mills, Ontario, Canada).
- 0201** *Boshko, E.G. 1976. [Parasites and symbionts of Crayfish of the Slush' River (Dneiper Basin).]. Vestn. Zool. 5:91. Russ. BA64-45310.
- 0202** *Botoșăneanu, L. 1972. Observations sur quelques trichoptères du Portugal. Ciência Biol. 1: 19-23. BA57-20208; ZR110.
- 0203** *_____. 1973. Au Carrefour des regions Orientale, Ethiopienne et Palearctique. Essai de reconstitution de l'Histoire de quelques lignees "Cool Adapted" de trichopteres. Fragm. ent. 9(2):61-80. Fr., engl., ital. BA57-49814; EA5-616; ZR110.

- 0204 * _____. 1973. Notes sur quelques trichoptères Antilles. Stud. Fauna Curaçao & other Carib. Islands 43:42-49. ZR110.
- 0205 * _____. 1974. Une remarquable larve de trichoptère du Venezuela. Ent. Ber., Amsterdam 34(6):116-120. BA58-61712; ZR111.
- 0206 * _____. 1974. Notes descriptive, faunistiques, écologiques, sur quelques trichoptères du 'trio subtroglophile (Insecta: Trichoptera). Trav. Inst. spéol. 'Emile Racovitza' 13:61-75. BA 61-20421; ZR111.
- 0207 * _____. 1974. Pour une meilleure connaissance des *Micrasema* d'Europe (Trichoptera, Brachycentridae). Fragm. ent. 10(2):65-106. Fr., ital., engl. BA59-25869; EA5-7781; ZR111.
- 0208 * _____. 1974. Quatre nouvelles espèces Palastiniennes de trichoptères (Insecta, trichoptères). Israel J. Ent. 9:159-174. Fr., engl. BA59-61737; EA6-3375; ZR111.
- 0209 * _____. 1974. In memoriam Frans Christian Johan Fischer. Nouv. Rev. Ent. 4:87-88. ZR 111.
- 0210 * _____. 1975. Die endemischen Trichopteren der Karpaten. pp *In*: Verh. int. Symp. Entomofauna Mitteleuropa. 6:91-103. Germ., engl.
- 0211 * _____. 1975. Trichoptères recueillis au Maroc par M.I.Miron. Fol. ent. Hung. 28:269-276. BA63-27076; ASFA(1)6-10530; ZR113.
- 0212 * _____. 1975. Les trichoptères (Insecta: Trichoptera) de l'espace Carpat-Balkanique, fournisseurs de documents pour l'étude de l'évolution. Riv. Idrobiol. 12:119-152. Fr., fr., ital., engl. BA61-38126; ZR110.
- 0213 * _____. 1976. The Trichoptera of the Carpat-Balkan space which supply documentation for the study of evolution. Proc. int. Symp. Trich. 1:59-70. EA7-7579; BRI12-62051; ZR114.
- 0214 * _____. 1976. Une collection de stades aquatiques de trichoptères du Népal, réalisée par le Professeur H.Janetschek. Khumbu Himal 5:187-200. Fr., fr., engl. EA8-4238; BRI13-1016 54; ZR113.
- 0215 * _____. 1976. Communication of three larvae of Trichoptera of Nepal. Progress report. Proc. int. Symp. Trich. 1:41-43. EA7-6726; BRI12-62047; ZR113.
- 0216 * _____. 1977. [The endemic Trichoptera of the Carpathians.]. *In*: Verh. int. Symp. Entomofauna Mitteleuropa. 6:91-103. BRI14-18017; ZR115.
- 0217 * _____. 1977. Á propos de l'utilisation du terme "population" dans les recherches zoologiques. Rev. Roum. Biol., Biol. anim. 22:101-106.
- 0218 * _____. 1977. [Trichoptera (imagoes) from Cuba, captured in 1973 (Insecta, Trichoptera)]. Fragm. ent. 13:231-284. Fr., engl., ital. BA67-35762; EA9-5947; ZR114.
- 0219 * _____. Les trichoptères de Cuba - faunistique, affinités, distribution, écologie. Proc. int. Symp. Trich. 2:225-230. BRI17-15130; ZR114.
- 0220 * _____. 1979. Sur une nouvelle espèce d'*Uenoa* de l'Himalaya central, et sur la remarquable manière dont les femelles protègent leur ponte (Trichoptera: Uenoidea). Ent. Ber., Amsterdam 39:141-144. Fr., fr., engl. BA69-79000.
- 0221 * _____. 1979. Quinze années de recherches sur la zonation des cours d'eau: 1963-1978. Revue commentée de la bibliographie et observations personnelles. Bijdr. Dierk. 49:109-134.
- 0222 * _____. 1979. Deux *Hydropsyche* nouveaux du Jourdain (Trichoptera, Hydropsychidae). Bull. Zool. Mus. Univ. Amsterdam 6:161-165. Fr., engl. BA69-79010; EA11-3705; ASFA (1)10-5714.
- 0223 * _____. 1979. The Caddis-flies (Trichoptera) of Cuba and of Isla de Pinos: a synthesis. Stud. Fauna Curaçao & other Carib. Islands 59:33-62.
- 0224 _____. 1980. The *Hydropsyche* of Corsica (Insecta, Trichoptera). Bull. Zool. Mus. Univ. Amsterdam 8:13-19. NABS.
- 0225 * _____. 1980. Six nouvelles espèces ou sous-espèces de trichoptères d'Europe méridionale. Bull. Zool. Mus. Univ. Amsterdam 7(17):165-179. Fr., fr., engl. BA72-81353; ZR118.
- 0226 * _____. 1980. Etude de quelques types de trichoptères ouest-paléarctiques, déposés au Muséum de Paris (Insecta, Trichoptera). Bull. Zool. Mus. Univ. Amsterdam 7(19):189-195. Fr., engl. BA72-31825; EA14-2003; ASFA(1)13-4750; ZR118.
- 0227 * _____. 1980. Trichoptères adultes de Cuba collectés par les zoologistes cubains (Trichoptera). Mitt. Münch. ent. Ges. 69:91-116.

- 0228 * _____. 1980. Quelques trichoptères nouveaux du pourtour de la Méditerranée (Trichoptera). Bull. Zool. Mus. Univ. Amsterdam. 7:73-80. BA71-31848; EA12-869.
- 0229 * **Botoșăneanu, L. & A.Gasith.** 1971. Contributions taxonomiques et ecologiques a la connaissance des trichopteres (Insecta) d'Israel. Israel J. Zool. 20:89-129. BA53-14235; EA2-2291; ZR108.
- 0230 ***Botoșăneanu, L. & H.Malicky.** 1978. Trichoptera. pp 333-359. *In: Limnofauna Europaea.* ed. J.Illies. G. Fischer Verlag, Stuttgart. 2nd ed. ZR115.
- 0231 ***Botoșăneanu, L. & A.Negrea.** 1976. Sur quelques aspects biologiques d'une rivière des Monts du Bonat - Roumanie: La Nera (et surtout sur une remarquable association de gastropods. Riv. Idrobiol. 15:403-432. Fr., ital., engl.
- 0232 ***Botoșăneanu, L. & F.Schmid.** 1973. Les trichoptères du Muséum d'Histoire naturelle de Genève. Rev. Suisse Zool. 80:221-256. BA57-31843; EA5-1332; ZR110.
- 0233 ***Botoșăneanu, L. & E.A.Schneider.** 1978. Die Köcherfliegen in den Sammlungen des Naturwissenschaftlichen Museums Sibiu. Stud. Comunic. Muz. Brukenthal, St. nat. 22:307-326.
- 0234 ***Botoșăneanu, L. & J.Sykora.** 1973. Sur quelques trichoptères (Insecta: Trichoptera) de Cuba. Resultats des expéditions biospéologiques cubano-roumaines à Cuba (1):379-407. Fr., engl., span. BRI12-13307.
- 0235 ***Botoșăneanu, L. & M.Taticchi-Vigano.** 1974. Description d'une nouvelle espèce du genre *Tinodes* (Trichoptera, Psychomyiidae). Boll. Mus. Zool. Univ. Torino 1974(2):9-14. BA75-61734; ZR120.
- 0236 ***Böttger, K.** 1972. Parasitologische Beziehungen zwischen Wassermilben und Trichopteren. Zool. Anz. 188:154-156. BA55-49248; EA3-9776; ZR109.
- 0237 **Bou, C.** 1979. La grotte des Trois-Cloches et son intérêt scientifique. Trav. Rech. Fed. tarn. Spél.-Archeol. (16):3-10. ZR116.
- 0238 ***Boudreaux, H.B.** 1979. Arthropod phylogeny with special reference to insects. Wiley & Sons, New York, USA. viii+320 pp. ISBN 0-471-04290-0.
- 0239 * _____. 1980. Proventricular acanthae and their phylogenetic implications. Ann. ent. Soc. Amer. 73:189-196. BA70-31049.
- 0240 ***Bournaud, M.** 1971. Observations biologiques sur les trichoptères cavernicoles. Bull. mens. Soc. Linn. Lyon 40(7):196-211. BA53-61130; EA3-3366; ZR108.
- 0241 * _____. 1972. Influence de la vitesse du courant sur l'activité de locomotion des larves de *Micropterna testacea* (Gmel.) (Trichoptera, Limnephilidae). Ann. Limnol. 8:141-216. Fr., engl. BA59-17874; ZR109.
- 0242 * _____. 1974. Rôle d'une force dans l'activité locomotrice des larves de *Micropterna testacea* (Gmel.) (Trichoptera, Limnephilidae): comparaison avec l'activité dans le courant. Arch. Hydrobiol. 73:417-463. BA59-2608; EA6-2508; ASFA(1)4:11671; ASFA(1)5-865; ZR111.
- 0243 _____. 1974. Locomotion d'une larve de Trichoptère dans les courants d'eau. *Micropterna testacea* (Gmel.) (Limnephilidae). Ann. Hydrobiol. 5:61-62. [Abstract]. BRI11-65627.
- 0244 * _____. 1975. Eléments d'observation sur la cinématique, la dynamique de la locomotion dans le courant chez une larve de trichoptère à fourreau. Hydrobiologia 46:489-513. BA60-66912; ASFA(1)5-10906.
- 0245 * _____. 1976. A progress report on the locomotion behaviour of a larva of Limnephilidae, *Micropterna testacea*, in water currents. Proc. int. Symp. Trich. 1:203-204. EA7-6764; BRI12-62070; ZR113.
- 0246 * _____. 1980. Larve de trichoptere en milieu saumatre. Trich. Newsl. 7:4.
- 0247 ***Bournaud, M., G.Chavonen, & H.Tachet.** 1978. Structure et fonctionnement des écosystèmes du Haute-Rhône français. 5. Colonisation par les macroinvertébrés de substrats artificiels suspendus en pleine eau ou posés sur le fond. Verh. int. Ver. theoret. angew. Limnol. 20:1485-1493. TN.
- 0248 ***Bournaud, M. & G.Keck.** 1980. Diversité spécifique et structure des peuplements de macroinvertébrés benthiques au long d'un cours d'eau: le Furans (Ain). Acta Oecol., Oecol. gener. 1:131-150. Fr., engl. ZR117.

- 0249** ***Bournaud, M., G.Keck, & P.Richoux.** 1980. Les prelevements de macroinvertébrés benthiques en tant que revelateurs de la physionomie d'une riviere. Ann. Limnol. 16:55-75. Fr., fr., engl. BA70-77088.
- 0250** ***Bournaud, M. & M.Thibault.** 1973. La dérive des organisms dans les eaux courantes. Ann. Hydrobiol. 4:11-49. BA60-42507.
- 0251** **Bourne, J.D.** 1974. Un arachnide interessant de la Grotte de Veral de Montbel (Savoie). Hypogees (33):1-2. ZR119.
- 0252** ***Bourne, J.R.** 1971. Biological studies of the family Glossosomatidae in northwest Alabama. J. Alabama Acad. Sci. 42(3):132. BRI9-73869.
- 0253** ***Bouvet, Y.** 1971. La diapause des trichoptères cavernicoles. Bull. Soc. zool. Fr. 96:375-384. BA55-31528; EA3-8858; ASFA(1)2-8797; ZR108.
- 0254** _____. 1971. Essais préliminaire à une étude par radioactivation du cycle biologique des trichoptères cavernicoles. Compt. rend. Congr. Socs. sav. Paris, Sect. Sci. 1971(3):149-155. ZR110.
- 0255** * _____. 1972. La migration des trichoptères cavernicoles. Mise en évidence par piegeage lumineux. Int. J. Speleol. 4:67-75. Fr., germ. ZR109.
- 0256** _____. 1972. Ecologie et biologie des trichoptères cavernicoles. Bull. Soc. Fr. Ecol. 2: 335. ZR109.
- 0257** * _____. 1975. Les trichoptères du groupe de *Stenophylax*: conditions de vie et reactions aux variations des facteurs du milieu. Ann. Spéléol. 30:207-230. Fr., fr., engl. BA60-61800; EA 6-7456; ZR112.
- 0258** * _____. 1976. Ecology and reproduction in the cavernicolous Trichoptera of the group of *Stenophylax* (Limnephilidae, Stenophylacini). Proc. int. Symp. Trich. 1:105-109. EA7-7234; BRI12-62056; ZR113.
- 0259** * _____. 1977. Conditions de vie des trichoptères subtroglaphiles (Insectes, Limnephilidae); leurs reactions aux variations des facteurs du milieu. Thesis, Univ. Claude Bernard, Lyon. 82 pp.
- 0260** * _____. 1978. Adaptations physiologiques et comportementales des *Stenophylax* (Limnephilidae) aux eaux temporaires. Proc. int. Symp. Trich. 2:117-119. BRI17-15117; ZR114.
- 0261** ***Braasch, D.** 1971. Einige für Sachsen neue Trichopteren aus dem Erzgebirge. Ent. Nachr. Ber. 15(7/8):77-81. Germ., engl. BA55-38068; EA3-4614; ZR110.
- 0262** * _____. 1972. *Wormaldia occipitalis* Pictet (Trichoptera) als Quellbachbewohner in Mecklenburg. Ent. Nachr. Ber. 16(5):45-47. BA56-37815; EA4-1715; ASFA(1)3-1568; ZR109.
- 0263** * _____. 1973. Einige neue und interessante Köcherfliegen (Trichoptera) aus Mecklenburg. Ent. Nachr. Ber. 17(9):129-135. Germ., engl. BA59-25858; EA5-6187; ASFA(1)4-10477; ZR 110.
- 0264** * _____. 1977. Trichopterenarten des Potamal in der DDR. Ent. Nachr. Ber. 21(9):137-139. Germ., engl., russ. BA67-48322; EA9-3833; ZR114.
- 0265** ***Braasch, D. & W.Mey.** 1977. Ein weiterer Fund von *Ephemera glaucops* Pictet (Ephemeroptera) in der DDR. Ent. Nachr. Ber. 21(8):123-125. Germ., engl., russ. BA66-59114; EA9-4575.
- 0266** ***Braatz, D.A. & J.F.Curtis.** 1977. Macro-organic drift in the Yadkin River, a North Carolina piedmont stream. Bull. Assoc. SE Biol. 24(2):39. [Abstract]. BRI13-97200.
- 0267** * _____. 1977. Macro-organic drift in the Yadkin River, a North Carolina piedmont stream. Res. Rep. 77-7, Product. Environ. Services. Duke Power Co, Huntersville, N.C. 24 pp.
- 0268** ***Bracken, J.J. & D.A.Murray.** 1973. Insect emergence from four small lakes in the south and central west of Ireland. Irish Fish. Invest., Ser. A 11:3-17. EA5-1715; ASFA(1)4-2236; ZR110.
- 0269** ***Bradley, W.H.** 1974. Oocardium tufa from the Eocene Green River formation of Wyoming. J. Paleontol. 48:1289-1290. BA59-32952.
- 0270** ***Bradt, P.T.** 1977. Seasonal distribution of benthic macroinvertebrates in an eastern Pennsylvania Trout stream. Proc. Pennsylvania Acad. Sci. 51:109-111. BRI15-47928; ZR114.

- 0271 *_____. 1978. Longitudinal variation in the macroinvertebrate fauna and water chemistry of an eastern Pennsylvania, USA, Trout stream. US Dept Energy Symp. Ser. 48:771-784. BRI (BA/RRM)19-2414.
- 0272 ***Bradt, P.T. & J.A.Williams.** 1980. The effect of carbaryl on the stream insect family Hydropsychidae (Trichoptera). Proc. Pennsylvania Acad. Sci. 54:133-135. BA72-84666.
- 0273 ***Bray, R.P.** 1971. Factors affecting the distribution of some Phryganeidae (Trichoptera) in Malham Tarn, Yorkshire. Freshw. Biol. 1:149-158. BA55-65721; EA3-2643; ASFA(1)2-2063; ZR110.
- 0274 ***Briganti, L.** 1976. Rassegna delle pubblicazioni entomologiche riguardanti la fauna d'Italia e delle regioni limitrofe. 1. Boll. Soc. ent. Ital. 108(8-10):188-192. BA65-65131.
- 0275 *_____. 1977. Rassegna delle pubblicazioni entomologiche riguardanti la fauna d'Italia e delle regioni limitrofe. 3. Boll. Soc. ent. Ital. 109:93-100.
- 0276 *_____. 1978. Rassegna delle pubblicazioni entomologiche riguardanti la fauna d'Italia e delle regioni limitrofe. 5. Boll. Soc. ent. Ital. 110:50-56.
- 0277 *_____. 1979. Rassegna delle pubblicazioni entomologiche riguardanti la fauna d'Italia e delle regioni limitrofe. 10. Boll. Soc. ent. Ital. 111:52-56.
- 0278 *_____. 1980. Rassegna delle pubblicazioni entomologiche riguardanti la fauna d'Italia e delle regioni limitrofe. 15. Boll. Soc. ent. Ital. 112:149-156. BRI(BA/RRM)21-37713 [as Zunino, M.].
- 0279 ***Brindle, A.** 1976. Caddis-flies of Yorkshire. Naturalist (937):41-50. ZR113.
- 0280 ***Brinkmeier, L. & B.Ottensmeyer.** 1968. Die Benthos-Fauna eines Quellbachs (Zufluß zum Norderteich). Nat. Heimat 28:130-135.
- 0281 ***Britt, N.W., J.T.Addis, & R.Engel.** 1973. Limnological studies of the island area of western Lake Erie. Bull. Ohio. biol. Surv. 4(3):1-88. EA5-6004; ZR110.
- 0282 ***Brittain, J.E. & A.Lillehammer.** 1978. The fauna of the exposed zone of Øvre Heimdal-svatn, Norway: methods, sampling stations and general results. Holarct. Ecol. 1:221-228. BA 69-56664.
- 0283 **Brock, J.P.** 1971. A contribution towards an understanding of the morphology and phylogeny of the ditrysian Lepidoptera. J. nat. Hist. 5:29-102. BA52-66857.
- 0284 [*]**Brodskij, K.A.** 1976. Gornij potok Tian-Shanja, ekologo-faunistitsheskij otsherk. Isdat. Nauka, Leningrad. 243 pp. [See next entry - Engl.].
- 0285 *_____. 1980. Mountain torrent of the Tien Shan. A faunistic-ecology essay. Monogr. Biol. 39, 311 pp Junk, The Hague. [See preceding entry - Russ.].
- 0286 ***Brodskij, K.A. & E.O.Omorov.** 1973. [Vertical differentiation of the Tien-Shan torrents, based on the distribution of the guide water insects.]. Gidrobiol. Zh. 9(2):40-51. Russ., engl. [Engl. transl. in Hydrobiol. J., 9(2):21-31]. BA56-53972; ASFA(1)3-12561; BRI11-52828.
- 0287 ***Brooker, M.P. & R.W.Edwards.** 1974. Effects of the herbicide paraquat on the ecology of a reservoir: III. Fauna and general discussion. Freshw. Biol. 4:311-335. BA59-24670; ASFA (1)4-13117.
- 0288 ***Brooker, M.P. & R.J.Hemsworth.** 1978. The effect of the release of an artificial discharge of water on invertebrate drift in the River Wye, Wales. Hydrobiologia 59:155-163.
- 0289 ***Brooker, M.P. & D.L.Morris.** 1980. A survey of the macroinvertebrate riffle fauna of the River Wye. Freshw. Biol. 10:437-458. BA71-29903.
- 0290 *_____. 1980. A survey of the macroinvertebrate fauna of the Rivers Ystwyth and Rheidol, Wales. Freshw. Biol. 10:459-474. BA71-29904.
- 0291 ***Brown, B.E.** 1977. Effects of mine drainage on the River Hayle, Cornwall: A. Factors affecting concentrations of copper, zinc and iron in water, sediments and dominant invertebrate fauna. Hydrobiologia 52:221-233. BA64-13612.
- 0292 ***Bruns, D.-A. & W.L.Minkley.** 1980. Distribution and abundance of benthic invertebrates in a Sonoran desert stream. J. arid Environ. 3:117-131. NABS.
- 0293 **Brunskill, G.J., D.M.Rosenberg, N.B.Snow, & R.Wagemann.** 1973. Ecological studies of aquatic systems in the MacKenzie-Porcupine drainages in relation to proposed pipeline and highways developments. Vol. II: Appendices. Environmental-social Committee northern Pipelines, Task Force on northern Oil Development Report, 73-412, 345 pp.

- 0294** *Brusven, M.A. & C.MacPhee. 1974. An evaluation of squoxin on insect drift. Trans. Amer. Fish. Soc. 103:362-365. BA58-24701; EA5-7437; ASFA(1)4-9303.
- 0295** *Brusven, M.A., C.MacPhee, & R.Biggam. 1974. Chapter 5. Effects of water fluctuation on benthic insects. pp 67-79. In: Anatomy of a river. Pacific Northwest River Basin Commission Report, Vancouver, Washington, USA.
- 0296** *Brusven, M.A. & K.V.Prather. 1974. Influence of stream sediments on distribution of macrobenthos. J. ent. Soc. BC 71:25-32. BA59-65575; EA6-3722.
- 0297** *Bueno Soria, J. 1976. [Some Trichoptera in two localities of the Lerma River, Mexico.]. Fol. ent. Mex. 36:90-91. Span. [Abstract]. BRI13-94307.
- 0298** *_____. 1977. Una especie nueva de *Ochrotrichia* Mosely (Insecta: Trichoptera: Hydroptilidae). Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 48:141-144.
- 0299** *_____. 1978. Trichóptero de la familia Hydroptilidae del estado de Veracruz. Fol. ent. Mex. 39/40:216-217. [Abstract].
- 0300** *_____. 1979. Trichópteros del Estado de Veracruz, familia Philopotamidae Stephens, 1829. Fol. ent. Mex. 42:73-74. [Abstract].
- 0301** *_____. 1980. Refugio y hábitados alimenticios de las larvas de *Macronema variipenne* Flint & Bueno-Soria (Trichoptera: Hydropsychidae). Fol. ent. Mex. 45:34-35. [Abstract].
- 0302** *_____. 1980. Revision del género *Oecetis* McLachlan (Trichoptera, Leptoceridae) para México. Fol. ent. Mex. 43:35-36. [Abstract].
- 0303** *Bueno Soria, J. & J.B.L.Aguado. 1975. Evaluacion de la calidad del agua de dos corrientes en Mexico mediante el uso del formula de diversidad de Whilm y Dorris. Rev. Soc. Mex. Hist. nat. 36:147-156. Span., engl.
- 0304** *Bueno Soria, J. & O.S.Flint, Jr. 1978(1980). Catálogo sistematico de los trichópteros de México (Insecta: Trichoptera), con algunos registros de Norte, Centro y Sudamérica. Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 49:189-218. Span., span., engl. BA74-18120; ASFA(1)11-16364.
- 0305** *_____. 1979(1981). [*Smicridea rarus*, new species (Trichoptera: Hydropsychidae)]. Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 50:481-484. Span., span., engl. BA74-25269.
- 0306** *Bueno Soria, J. & C.M.Mayaudon. 1975. Algunos insectos acuaticos de la presa de Valle de Bravo. Rev. Soc. Mex. Hist. nat. 36:351-363. Span., span., engl.
- 0307** *_____. 1979(1981). Una nueva especie del género *Smicridea* McLachlan (Trichoptera: Hydropsychidae). Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 50:481-484.
- 0308** *Bueno Soria, J. & S.Santiago de Frago. 1979(1981). Una nueva especie del género *Protoptila* Banks (Trichoptera: Glossosomatidae) de Veracruz, México. Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 50:477-480. Span., span., engl. BA74-25268.
- 0309** *_____. 1980(1981). Una nueva especie del género *Ochrotrichia* Mosely (Trichoptera: Hydroptilidae) del Edo. de Hidalgo, México. Ann. Inst. Biol. Univ. nal. Autón. México, Ser. Zool. 51:383-388. Span., span., engl. ASFA(1)14-5645.
- 0310** *Bugbee, S.L. & C.M.Walter. 1973. The response of macroinvertebrates to gasoline pollution in a mountain stream. pp 725-731. In: Prevention and Control of Oil Spills. Proc. joint Conf. Prevent. Contr. Oil Spills, 13-15 March, 1973, Washington DC. ASFA(1)4-13098.
- 0311** *Buholzer, H. 1978. Larvenmorphologie und Verbreitung der schweizerischen *Rhyacophila*-Arten (Trichoptera, Rhyacophilidae). Diss. ETH Zürich No. 6177, 151 pp.
- 0312** *_____. 1978. An application of the linear discriminant function and a multivariate analysis to Caddis larvae taxonomy. Proc. int. Symp. Trich. 2:149-153. BRI17-15121; ZR114.
- 0313** *Burdick, G.E., H.J.Dean, J.C.Skea, & C.H.Frisa. 1974. Effect of Blackfly larviciding in some Adirondack streams. NY Fish Game J. 21(1):1-17. BA59-42239; EA5-7916.
- 0314** *Burkhardt, T. 1978. Erste Untersuchungen über des Artenspektrum, die Verbreitung und Flugzeiten der Trichopteren im Naturpark Hoher Vogelsberg. Diplomarbeit, Inst. Zool., Univ. Giessen.
- 0315** *_____. 1979. Die Köcherfliegen (Insecta: Trichoptera) des Vogelsbergs. - Erfassung der westpaläarktischen Tiergruppen. Fundortkataster der Bundesrepublik Deutschland. Teil 12 (2), Regionalkataster des Landes Hessen, pp 23-90. Saarbrücken & Heidelberg.

- 0316 *_____. 1979. *Agriotypus armatus* Curtis im Vogelsberg (Hessen) (Hymenoptera: Ichneumonidae). Ent. Zeits. m. Insektenbörse 89:97-100.
- 0317 *Burmeister, E.-G. 1980. Die aquatische Makrofauna des Breiniger Berges unter besonderer Berücksichtigung des Einflusses von Schwermetallen auf das Arteninventar. Spixiana 3:59-90.
- 0318 *Burmeister, H. & E.-G.Burmeister. 1974. Die Trichopterenfauna des Golderbaches bei Tübingen. Eine ökologische-faunistische Untersuchung. Ent. Zeits. m. Insektenbörse 84:181-196. EA6-4709; ZR111.
- 0319 *Burnet, A.M.R. 1972. Effects of paraquat on invertebrates in a Canterbury stream, New Zealand. NZ J. mar. freshw. Res. 6:448-455. BA57-1494; EA4-7519.
- 0320 *Burton, G.J. & T.M.McRae. 1972. Observations on trichopteran predators of aquatic stages of *Simulium damnosum* and other *Simulium* species in Ghana. J. med. Ent. 9:289-294. BA55-26514; ASFA(1)3-1646; ZR112.
- 0321 *Burton, W. & J.F.Flannagan. 1973. An improved Ekman-type grab. J. Fish. Res. Bd Can. 30:287-290. BA56-30750.
- 0322 *Bushnell, J.H. & K.S.Rao. 1979. Freshwater Bryozoa: microarchitecture of statoblasts and some aufwuchs animal associations. pp 75-92. In: Advances in Bryozoology. Proc. 4th int. Conf., Syst. Assoc. Special vol. 13. eds Larwood & Abbott. ISBN 0-12-437450-6. BRI (BA/RRM)19-15256.
- 0323 Butorin, N.W. 1978. Trichoptera. pp 336-337. In: Wolga i jeje zhisn. ed. N.W.Butorin. Leningrad.
- 0324 _____. 1978. Trichoptera. p. 288. In: Iwanskowsoje wodokhra nilishtshje i jeje zhisn. ed. N.W.Butorin. Leningrad.
- 0325 *Cadwallader, P.L. 1975. Distribution and ecology of the Canterbury Mudfish, *Neochanna burrowsius* (Philipps) (Salmoniformes: Galaxiidae). J. r. Soc. NZ 5:21-30.
- 0326 *_____. 1975. Feeding habits of two fish species in relation to invertebrate drift in a New Zealand river. NZ J. mar. freshw. Res. 9:11-26.
- 0327 *_____. 1975. Occurrence of gravel in the stomachs of two New Zealand stream-dwelling fish (Note). NZ J. mar. freshw. Res. 9:101-103.
- 0328 *_____. 1975. Feeding relationships of galaxiids, Bullies, Eels and Trout in a New Zealand river. Austr. J. mar. freshw. Res. 26:299-316.
- 0329 *_____. 1975. The food of the New Zealand common river galaxias, *Galaxias vulgaris* Stokell (Pisces: Salmoniformes). Austr. J. mar. freshw. Res. 26:15-30. BA60-7358.
- 0330 *Cadwallader, P.L. & A.K.Eden. 1977. Effect of a total solar eclipse on invertebrate drift in Snobs Creek, Victoria. Austr. J. mar. freshw. Res. 28:799-805. BA66-44844; EA9-4517.
- 0331 *_____. 1979. Observations on the food of Macquarie Perch, *Macquaria australasica* (Pisces, Percichthyidae), in Victoria, Australia. Austr. J. mar. freshw. Res. 30:401-410. BA 69-43113.
- 0332 *Cadwallader, P.L., A.K.Eden, & R.A.Hook. 1980. Role of streamside vegetation as a food source for *Galaxias olidus* (Pisces: Galaxiidae). Austr. J. mar. freshw. Res. 31:257-262. BA 70-77094; BRI(BA/RRM)19-34288.
- 0333 *Cairns, J., Jr, J.S.Crossman, K.L.Dickson, & E.E.Herricks. 1971. The recovery of damaged streams. Bull. Assoc. SE Biol. 18(3):79-106.
- 0334 *Cairns, J., Jr & K.L.Dickson. 1971. A simple method for the biological assessment of the effects of waste discharges on aquatic bottom-dwelling organisms. J. Water Pollut. Contr. Fed. 43:755-772. ASFA(1)2-2793.
- 0335 *_____. [Directors; some chapters contributed by others]. 1972. An ecosystematic study of the South River, Virginia. Virginia Water Resources Res. Cent. Bull. 54, 104 pp.
- 0336 *_____. 1977. Recovery of streams from spills of hazardous materials. pp 24-42. In: Recovery and restoration of damaged ecosystems. eds Cairns & Herricks. Univ. Virginia Press, Charlottesville. NABS.
- 0337 *Cairns, J., Jr, K.L.Dickson, & G.Lanza. 1977(1979). Studies evaluating the biological effects of thermal additions to aquatic ecosystems. Rev. Biol. 11:1-54. BA72-44252.

- 0338 *Cairns, J., Jr, D.I.Messenger, & W.F.Calhoun. 1976. Invertebrate response to thermal shock following exposure to acutely sub-lethal concentrations of chemicals. Arch. Hydrobiol. 77:164-175. ASFA(1)7-4097.
- 0339 *Calow, P. 1972. A method for determining the surface areas of stones to enable quantitative estimates of littoral stonedwelling organisms to be made. Hydrobiologia 40:37-50.
- 0340 *Cameron, G.N. & T.W.LaPoint. 1978. Effects of tannins on the decomposition of Chinese Tallow leaves by terrestrial and aquatic invertebrates. Oecologia 32:349-366. NABS.
- 0341 *Cammen, L.M. 1980. Ingestion rate - empirical model for aquatic deposit feeders and detritivores. Oecologia 44:303-310. NABS.
- 0342 *Camousseight, M.A. 1980. Catalogo de los tipos de insecta depositados en la coleccion del Museo Nacional de Historia Natural (Santiago, Chile). Publ. ocas. Mus. nac. (32):1-45. [Trichoptera on p. 35]. Span., span., engl. ASFA(1)14-599; BRI(BA/RRM)22-32038.
- 0343 *Campbell, I.C. 1978. A biological investigation of an organically polluted urban stream in Victoria. Austr. J. mar. freshw. Res. 29:275-291. NABS.
- 0344 *Campbell, J.I. & P.S.Meadows. 1972. An analysis of aggregations formed by the Caddisfly larva *Potamophylax latipennis* in its natural habitat. J. Zool. 167:133-141. BA54-66668; EA 3-8204; ZR109.
- 0345 Cannamela, D.A. 1978. Spring and Fall food habits of the Shorthead Sculpin (*Cottus confusus*) from the Big Lost River, Idaho. Bull. Assoc. SE Biol. 25(2):81. BRI15-19066.
- 0346 *Canteras, J.C., A.Vilchez, & R.Martinez. 1977-1978(1980). Efecto de la contaminacion organica en el Rio Frio. Cuadernos Cienc. biol. 6-7:121-127. Span., span., engl. ASFA 1an 442016. ZR119.
- 0347 *Canton, S.P. & J.V.Ward. 1977. Effects of coal mine drainage on macroinvertebrates of Trout Creek, Colorado. Environ. Res. Pap. Colo. State Univ. 9, 13 pp.
- 0348 *_____. 1978. Environmental effects of western coal surface mining. Part II. The aquatic macroinvertebrates of Trout Creek, Colorado. Ecol. Res. Ser., US environ. Protect. Agency, Duluth, Minn. 600/3-78-095. 73 pp. ASFA(1)10-3693.
- 0349 *_____. 1979. Environmental effects of western coal surface mining. Part 1 - The limnology and biota of mine spoils ponds in northwest Colorado. USA environ. Protect., Agency, Duluth, Minn. 600/3-79-124, 39 pp.
- 0350 _____. 1980. Benthos and surface coal mining in Colorado. pp 34-39. North Amer. Benth. Soc., Special Symp., March. 26-28.
- 0351 *Capblancq, J., H.Décamps, & H.Laville. 1972. Sauver d'eux-mêmes les lacs de montagne. Sci. Progr. Découv. (3450):31-38. ASFA(1)3-5135.
- 0352 *Carle, F.L. & O.E.Maughan. 1980. Acute and efficient estimation of benthic populations: a comparison between removal estimation and conventional sampling techniques. Hydrobiologia 71:181-187.
- 0353 *Carlson, D. 1971. A method for sampling larval and emerging insects using an aquatic black-light trap. Can. Ent. 103:1365-1369. ASFA(1)2:2224.
- 0354 *_____. 1972. Comparative value of black light and cool white lamps in attracting insects to aquatic traps. J. Kans. ent. Soc. 45:194-199.
- 0355 *Carlsson, B.-G. 1979. *Agrypnia crassicornis* och *A. czerskyi*, trå för landet nya nattsländor (Trichoptera). Ent. Tidskr. 100:37. BRI(BA/RRM)19-4922.
- 0356 *_____. 1979. Caddis Flies (Trichoptera) in the River Ängarån and in adjacent areas of the Bothnian Sea. Fauna Norrlandica 4:1-8.
- 0357 *Carpenter, F.M. 1976. Note on *Bittacus validus* in Baltic amber (Trich.). Psyche 82:303. EA7-5345; ZR112.
- 0358 *Caspers, N. 1972. Ökologische Untersuchung der inveretebratenfauna von Waldbächen des Naturparkes Kottenforst-Ville. Decheniana 125:189-218. EA4-7517; ASFA(1)3-7542.
- 0359 *_____. 1974. Productivity and trophic structure of some West German woodland brooklets. p. 25. In: XIX Congr., Int. Assoc. Limnol. ed. K.E.Marshall. [Abstract]. BRI11-90225.
- 0360 *_____. 1975. Productivity and trophic structure of some West German woodland brooklets. Verh. int. Ver. theoret. angew. Limnol. 19:1712-1716.

- 0361** * _____. 1975. Untersuchungen über Individuendichte, Biomasse und kalorische Äquivalente des Makrobenthos eines Waldbaches. Int. Rev. ges. Hydrobiol. 60:557-566. Germ., engl. BA61-54090.
- 0362** * _____. 1975. [*Synafophora intermedia* Elap., a Trichoptera new for the fauna of France.]. Nouv. Rev. Ent. 5:293. BA61-61043.
- 0363** * _____. 1975. Kalorische Werte der dominierenden Invertebraten zweier Waldbäche des Naturparkes Koltenforst-Ville. Arch. Hydrobiol. 75:484-489. Germ., germ., engl. BA61-18787; ASFA(1)6-1910.
- 0364** * _____. 1976. [Further contributions to the invertebrate fauna of the forest brooks of the Koltenforst-ville Natural Park.]. Decheniana 129:92-95. Germ. BA63-31497.
- 0365** * _____. 1977. Production ecology and dynamics of a *Hydropsyche saxonica* McLachlan population (Trichoptera). SIL Congr., Copenhagen, 20, pp [unknown]. ASFA(1)8-3759. [Abstract].
- 0366** _____. 1977. [Intraspecific fluctuations of the caloric values of biological materials.]. pp 173-180. In: Verh. ges. Oekologie. 6th ann. meet. ed. P. Müller. Junk, The Hague. Germ., engl. BRI15-15508; ZR114.
- 0367** * _____. 1978. Life history and dynamics of a *Hydropsyche instabilis* Curtis (Trichoptera, Hydropsychidae) population in a West German brook. Verh. int. Ver. theoret. angew. Limnol. 20:2617-2621. ZR115.
- 0368** * _____. 1980. Die Makrozoobenthos-Gesellschaften des Rheins bei Bonn. Decheniana 133:93-106. Germ., engl.
- 0369** * _____. 1980. Die Emergenz eines kleinen Waldbaches bei Bonn. Decheniana, Suppl. 23, 175 pp. EA12-1275.
- 0370** * _____. 1980. Die Makrozoobenthos-Gesellschaften des Hochrheins bei Bad Säckingen. Beitr. Naturk. Forsch. S'w'deuts. 39:115-142.
- 0371** *Caspers, N., I.Müller-liebenau, & W.Wichard. 1977. Köcherfliegen (Trichoptera) der Fließgewässer der Eifel. Gewäss. Abwäss. 62-63:111-120. Germ., engl. ASFA(1)10-1326; ZR114.
- 0372** *Cather, M.R. & G.L.Harp. 1975. The aquatic macroinvertebrate fauna of an Ozark and a deltaic stream. Proc. Arkansas Acad. Sci. 29:30-35.
- 0373** *Cepić, V. & M.Marinković-Gospodnetić. 1978. Zoobentos Rijeke Toplice. God. biol. Inst. Univ. Sarajevo 31:25-32.
- 0374** *Chaika, S.Yu. & G.V.Farafonova. 1980. [Ultrastructural organisation of the midgut of the Caddis-fly *Limnephilus stigma* (Trichoptera, *Limnephilus*). Ent. Obozr. 59:67-72. Russ., russ., engl. [English transl. in Ent. Rev. 59:55-63]. BA72-10214; BRI(BA/RRM)22-8431.
- 0375** *Chaisemartin, C. & L.Mouzat. 1971. Variations écophénotypiques de l'homéostasie chez les insectes: ampleur des mécanismes régulateur chez quelques formes dulçaquicoles. Compt. rend. Seances Soc. biol. Fil. 165:2167-2171. BA55-60993; EA3-8004.
- 0376** *Chalmers-Hunt, J.M. & C.J.Luckens. 1979. Entomologizing in Andorra, 1978. Ent. Rec. J. Var. 91:45-50. BRI(BA/RRM)19-15392.
- 0377** *Chandler, C.M. 1978. A preliminary checklist of benthic macroinvertebrate families from basket sampling during early summer in the West Fork of Stone's Creek, Tennessee. J. Tennessee Acad. Sci. 53(1):25-28. BRI15-7707.
- 0378** *Chapin, J.W. 1978. Systematics of nearctic *Micrasema* (Trichoptera: Brachycentridae). PhD thesis, Clemson University. 136 pp.
- 0379** *Chapman, H.C., E.W.Davidson, M.Laird, D.W.Roberts, & A.H.Undeen. 1979. Safety of microbial control agents to nontarget invertebrates. Environ. Conserv. 6:278-280. BRI(BA/RRM)20-2845.
- 0380** *Chaston, I. 1972. Non-catastrophic invertebrate drift in lotic systems. Essays in Hydrobiology, Exeter Univ. Press, UK. eds Clarke & Wooton.
- 0381** *Chauvin, R. 1977. Ch. 2, Construction. 1. Building behavior of Caddis Fly larvae. pp 29-35. In: Ethology. The biological study of animal behaviour. Int. Univ. Press Inc., New York, N.Y., USA. xii+245 pp. ISBN 0-8236-1770-X. [L'Ethologie, Press. Univ. France, 1975]. BA66-56099.

- 0382** **Chauvin, R. & B.Muckensturm.** 1980. Behavioural complexities. Int. Univ. Press, New York, N.Y., USA. xix+257 pp. ISBN 0-8234-0495-0. BRI(BA/RRM)19-217.
- 0383** ***Chernikin, E.M.** 1978. [Data on the ecology of the Brown Bear on the northeastern shores of Lake Baikal.]. Byull. Mosk. o-Va ISPYT PRIR OTD Biol. 83:57-66. Russ., engl. BA68-52770.
- 0384** ***Cherry, D.S., R.K.Guthrie, F.F.Sherberger, & S.R.Larrick.** 1979. The influence of coal ash and thermal discharge upon the distribution and bioaccumulation of aquatic invertebrates. Hydrobiologia 62:257-267. NABS.
- 0385** ***Child, P.** 1980. Destruction of Blue Duck habitat. Notornis 27:100. BRI(BA/RRM)19-545 63.
- 0386** **Chino, Y.** 1975. [On the aquatic insect communities in shore zones and influents as well as effluents of lakes in Shinsu.]. New Ent. 24:8-18. Jap., engl. BA63-14061.
- 0387** **Christandl-Peskoller, H. & H.Janetschek.** 1976. Zur Faunistik und Zoozönotik der südlichen Zillertaler Hochalpen. Veröff. Univ. Innsbruck 101:1-134.
- 0388** ***Chuikov, Y.S.** 1979. Ecological analysis of the composition and structure as a method of biological assessment of water quality. Soviet J. Ecol. 9:440-443. NABS.
- 0389** ***Churchfield, J.S.** 1979. Note on the diet of the european Water Shrew. J. Zool. 188:294-296. BRI18-2634.
- 0390** ***Chutter, F.M.** 1971. Hydrobiological studies in the catchment of Vaal Dam, South Africa Part 2. The effects of stream contamination on the fauna of stones-in-current and marginal vegetation biotopes. Int. Rev. ges. Hydrobiol. 56:227-240.
- 0391** *_____. 1972. An empirical biotic index of the quality of water in South African streams and rivers. Water Res. 6:19-30.
- 0392** *_____. 1975. Variation in the day-time drift of a Natal river. Verh. int. Ver. theoret. angew. Limnol. 19:1728-1735.
- 0393** ***Cianficconi, F., G.-P.Moretti, & Q.Pirisinu.** 1977(1978). 3.5 - Studio dei popolamenti bentonici nell'alto corso del Fiume Tevere. pp 411-419 + 10 tab. & 3 fig. In: Indagini sull'inquinamento del Fiume Tevere. Quad. Ist. Ricerca Acque 27. Consig. naz. Ricerche, Roma.
- 0394** ***Cianficconi, F., G.P.Moretti, Q.Pirisinu, & F.Tucciarelli.** 1979. Composizione sistematica delle comunità acquatiche del settore meridionale dei Monti Sibillini, con considerazioni zoogeografiche. Lav. Soc. Ital. Biogeogr., NS 4:1-47.
- 0395** ***Clady, M.** 1975. Comparison of the bottom fauna in 1916 and 1967 in a bay of Oneida Lake, New York. NY Fish Game J. 22(2):114-121. BA60-42467.
- 0396** ***Clady, M. & B.Hutchinson.** 1976. Food of the Yellow Perch, *Perca flavescens*, following a decline of the Burrowing Mayfly, *Hexagenia limbata*. Ohio J. Sci. 76:133-138. BA62-42410.
- 0397** ***Clark, M.C.** 1974. A rare Caddis Fly (*Enoicyla pusilla*) in the Reserve. Proc. Birmingham nat. Hist. Soc. 22:311. ZR111.
- 0398** ***Clifford, H.F.** 1972. Comparison of samples of stream bottom fauna collected during the day and at night. Limnol. Oceanogr. 17:479-481.
- 0399** *_____. 1972. A year's study of the drifting organisms in a brown-water stream of Alberta, Canada. Can. J. Zool. 50:975-983.
- 0400** *_____. 1972. Drift of invertebrates in an intermittent stream draining swampy terrain of west-central Alberta. Can. J. Zool. 50:985-991.
- 0401** *_____. 1978. Descriptive phenology and seasonality of a Canadian brown-water stream. Hydrobiologia 58:213-231. ZR115.
- 0402** ***Cloarec, A.** 1977. Alimentation de larves d'*Anax imperator* Leach dans un milieu naturel (Anisoptera: Aeschnidae). Odonatologica 6:227-243. Fr., engl. BA66-20167; EA9-2204.
- 0403** ***Cloud, T.J., Jr & K.W.Stewart.** 1974. Seasonal fluctuations and periodicity in the drift of Caddisfly larvae (Trichoptera) in the Brazos River, Texas. Ann. ent. Soc. Amer. 67:805-811. BA59-2928; EA6-1528; ASFA(1)5-3801; ZR111.
- 0404** ***Clubb, R.W., A.R.Gaufin, & J.L.Lords.** 1975. Synergism between dissolved oxygen and cadmium toxicity in five species of aquatic insects. Environ. Res. Pap. Colo. State Univ. 9:285-289. BA60-61371; ZR112.

- 0405 *_____. 1975. Acute cadmium toxicity studies upon nine species of aquatic insects. Environ. Res. Pap. Colo. State Univ. 9:332-341. BA60-61370; ZR112.
- 0406 **Cobb, P.R.** 1973. A report on the flora and fauna of Honeton Great Broad Nature Trail. Proc. Heacham W. Norfolk nat. Hist. Soc. 5:29-44. ZR110.
- 0407 ***Coffman, W.P., K.W.Cummins, & J.C.Wuycheck.** 1971. Energy flow in a woodland stream ecosystem: I. Tissue support trophic structure of the autumnal community. Arch. Hydrobiol. 68:232-276.
- 0408 ***Colbo, M.H. & A.H.Undeen.** 1980. Effect of *Bacillus thuringiensis* var. *israelensis* on non-target insects in stream trials for control of Simuliidae. Mosq. News 40:368-371.
- 0409 ***Cole, R.A. & J.E.Kelly.** 1978. Zoobenthos in thermal discharge to western Lake Erie. J. Water Pollut. Contr. Fed. 50:2509-2521. NABS.
- 0410 **Cooke, P.** 1977. Coventry Nature Reserve (Tile Hillwood). Proc. Coventry Distr. nat. Hist. sci. Soc. 5:9-10. ZR114.
- 0411 **Cooke, P. & R.E.Cooke.** 1975. Report on summer field work, 1974. Proc. Coventry Distr. nat. Hist. sci. Soc. 4:261-268. ZR112.
- 0412 ***Cooper, C.M.** 1977. A survey of the macrobenthos of Grenada Reservoir, Mississippi, U.S.A. J. Miss. Acad. Sci. 22 (Suppl.):113. [Abstract]. BRI15-18541.
- 0413 *_____. 1980. Effects of abnormal thermal stratification on a reservoir benthic macro-invertebrate community. Amer. midl. Nat. 103:149-154. BA70-63413; EA11-9726.
- 0414 ***Corallini, C.** 1971. Regime dietetico e gregarinosi nelle larve di *Drusus improvisus* Mc.L. Boll. Zool. 38:511-512.
- 0415 **Costa, G. & C.Carveni.** 1975. Galleggiamento e nuoto in Ortotteri acrididi. Animalia 2:235-239. Ital., engl. ZR113.
- 0416 **Courtemanch, D.L. & K.E.Gibbs.** 1979. The effects of sevin-4-oil on lentic communities: a continuation study. Environmental monitoring of cooperative Spruce Budworm control projects, Maine 1978. Maine Dept. Conservation, Bureau of Forestry, Augusta, Maine, USA. 5 pp. NABS.
- 0417 *_____. 1980. Short- and long-term effects of forest spraying of Carbaryl (Sevin-4-oil) on stream invertebrates. Can. Ent. 112:271-276. BA70-47672; EA12-1281.
- 0418 ***Cover, E.C. & R.C.Harrel.** 1978. Sequence of colonization, diversity, biomass, and productivity of macroinvertebrates on artificial substrates in a freshwater canal. Hydrobiologia 59:81-95. BA66-57192.
- 0419 ***Cowell, B.C. & W.C.Carew.** 1976. Seasonal and diel periodicity in the drift of aquatic insects in a subtropical Florida stream. Freshw. Biol. 6:587-594. BA63-55925.
- 0420 ***Cowell, B.C., C.W.Dye, & R.C.Adams.** 1975. A synoptic study of the limnology of Lake Thonotosana, Florida, Part I. Effects of primary treated sewage and citrus wastes. Hydrobiologia 46:301-345. ZR113.
- 0421 **Cowell, S.T. & S.R.Brown.** 1980. A comparison of benthic macroinvertebrate communities in small Appalachian streams draining mined and unmined areas. Spec. Symp., NABS, March 26-28. ??? pp.
- 0422 ***Cowie, B., A.J.Conner, & L.N.Conner.** 1978. A survey of the benthic invertebrates from the Freshwater Valley, Stewart Island. Mauri Ora 6:27-32. BA68-21045.
- 0423 ***Cowie, B. & M.J.Winterbourn.** 1979. Biota of a subalpine springbrook in the Southern Alps. NZ J. mar. freshw. Res. 13:295-301. BA69-63479.
- 0424 **Cowie, R.** 1972. Case building activities of Caddis Fly larva. Enquiry 1972:53-55. ZR110.
- 0425 ***Cowley, D.R.** 1976. Additions and amendments to the New Zealand Trichoptera. NZ J. Zool. 3:21-26. BA62-20690; EA7-6022; ZR113.
- 0426 *_____. 1976. Family characteristics of the pupae of New Zealand Trichoptera. NZ J. Zool. 3:99-110. BA63-9008; ZR113.
- 0427 *_____. 1978. Studies on the larvae of New Zealand Trichoptera. NZ J. Zool. 5:639-750. BA68-35335; EA10-6292; ZR115.
- 0428 ***Craig, D.A.** 1977. A reliable chilled water stream for rheophilic insects. Mosq. News 37: 773-774. BRI15-5284.

- 0429** **Cremeans, W.L. & D.C.Tarter.** 1980. Proposed environmental impacts of the Gallipolis Locks and Dam replacement, Ohio River, mile 279.2, on the benthic macroinvertebrates and fishes of Flatfoot Creek, Mason County, West Virginia, USA. Proc. W. Virginia Acad. Sci. 52:58-65. BRI(BA/RRM)22-1510.
- 0430** ***Crichton, M.I.** 1971. A study of Caddis-flies (Trichoptera) of the family Limnephilidae, based on the Rothamsted Insect Survey, 1964-68. J. Zool. 163:533-563. BA52-119467; RA2-8978; ZR108.
- 0431** *_____. 1974. Book review of Trichoptera (Köcherfliegen) by H.Malicky (1973). In Kükenthal, W., Handbuch der Zoologie 4, 114 pp. Berlin, Walter de Gruyter, 1973. Ent. Gaz. 25:92.
- 0432** *_____. 1976. The interpretation of light trap catches of Trichoptera from the Rothamsted, England, insect survey. Proc. int. Symp. Trich. 1:147-158. EA7-7553; BRI12-62061; ZR113.
- 0433** *_____, [Ed.J. 1978. Proceedings of the Second International Symposium on Trichoptera. Reading, England, July 25-29, 1977. Junk, The Hague. xv+359 pp. ISBN 90-6193-548-2.
- 0434** ***Crichton, M.I., D.Fisher, & I.P.Woiwood.** 1978. Life histories and distribution of British Trichoptera, excluding Limnephilidae and Hydroptilidae, based on the Rothamsted insect survey. Holarct. Ecol. 1:31-45. EA10-4281; ZR115.
- 0435** ***Crisp, C.B. & N.H.Crisp.** 1974. Substrate preference of benthic macroinvertebrates in Silver Creek, Madison County, Kentucky. Trans. Kentucky Acad. Sci. 35:61-66. BA60-7322; ZR 113.
- 0436** ***Crisp, D.T., R.H.K.Mann, & J.C.McCormak.** 1978. The effects of impoundment and regulation upon the stomach contents of fish at Cow Green, upper Teesdale. J. Fish Biol. 12: 287-302.
- 0437** ***Crosby, T.K.** 1974. Trichomycetes (Harpellales) of New Zealand *Austrosimulium* larvae (Diptera: Simuliidae). J. nat. Hist. 8:187-192.
- 0438** *_____. 1975. Food of the New Zealand trichopteran *Hydrobiosis parumbripennis* McFarlane and *Hydropsyche colonica* McLachlan. Freshw. Biol. 5:105-114. BA60-18995; EA7-4140; ASFA(1)6-4141; ZR112.
- 0439** ***Crossman, J.S., J.Cairns, Jr, & R.L.Kaesler.** 1973. Aquatic invertebrate recovery in the Clinch River following hazardous spills and floods. Virginia Water Resources Res. Cent. Bull. 63, vii+56 pp.
- 0440** ***Crossman, J.S., R.L.Kaesler, & J.Cairns, Jr.** 1974. The use of cluster analysis in the assessment of spills of hazardous materials. Amer. midl. Nat. 92:94-114.
- 0441** ***Crowther, R.A. & H.B.N.Hynes.** 1977. The effect of road deicing salt on the drift of stream benthos. Environ. Pollut., Ser. A 14:113-126. BA65-68049; ZR114.
- 0442** ***Crumb, S.E.** 1977. Macrobenthos of the tidal Delaware River between Trenton and Burlington, New Jersey. Chesapeake Sci. 18:253-265.
- 0443** ***Cudney, M.D. & J.B.Wallace.** 1980. Life cycles, microdistribution and production dynamics of 6 species of net-spinning Caddis-flies in a large southeastern (USA) river. Holarct. Ecol. 3:169-182. BA71-15728; EA12-1897; ASFA(1)11-3160.
- 0444** ***Cuff, W. & N.Coleman.** 1979. Optimal survey design: lessons from a stratified random sample of macrobenthos. J. Fish. Res. Bd Can. 36:351-361. NABS.
- 0445** ***Cullen, M.J.** 1974. The distribution of asynchronous muscle in insects with particular reference to the Hemiptera: an electron microscope study. J. Ent. (A) 49:17-41. EA6-3441.
- 0446** ***Culp, J.N. & R.W.Davies.** 1980. Reciprocal averaging and polar ordination as techniques for analysing macroinvertebrate communities. Can. J. Fish. aquat. Sci. 37:1358-1364. NABS.
- 0447** ***Cummins, K.W.** 1973. Trophic relations of aquatic insects. Ann. Rev. Ent. 18:183-206.
- 0448** *_____. 1979. The natural stream ecosystem. pp 7-25. In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, N.Y.
- 0449** ***Cummins, K.W. & M.J.Klug.** 1979. Feeding ecology of stream invertebrates. Ann. Rev. Ecol. Syst. 10:147-172.
- 0450** ***Cummins, K.W., R.C.Petersen, V.I.Holt, & J.C.Wuycheck.** 1971. Respiratory metabolism of the stream Caddisfly *Glossosoma nigrior* Banks (Trichoptera: Glossosomatidae). Microfiche Ref. COO-2002-17. 37 pp. [Available from British Libr. Lending Div.]. ZR114.

- 0451** *Cummins, K.W., R.C.Petersen, F.O.Howard, J.C.Wuycheck, & V.I.Holt. 1973. The utilization of leaf litter by stream detritivores. *Ecology* 54:336-345. ZR110.
- 0452** *Cummins, K.W. & J.C.Wuycheck. 1971. Caloric equivalents for investigations in ecological energetics. *Mitt. int. Ver. Limnol.* 18:1-158.
- 0453** Cuppen, H.P.J.J. 1979. Een onderzoek naar de macrofauna in een aantal permanente en semipermanente stilstaande wateren in de gemeente Voorst. Regionale Milieuraad Oost-Veluwe. 15 pp. [Mimeo.].
- 0454** _____. 1979. De Beekbergsche Beek. Overzicht van het verrichte floristische onderzoek, aangevuld met chemische onderzoeksresultaten. Regionale Milieuraad Oost-Veluwe. 30 pp. [Mimeo.].
- 0455** _____. 1980. De macrofauna in een aantal droogvallende - en permanente stillstaande wateren in het ruilverkavelingsgebied Brummen-Voorst. Regionale Milieuraad Oost-Veluwe. 112 pp. [Mimeo.].
- 0456** Cuppen, H.P.J.J. & W.Oosterloo. 1980. Een oriënterend onderzoek naar de makrofauna van de nijmolense beek (gem. epe). Regionale Milieuraad Oost-Veluwe. 50 pp. [Mimeo.].
- 0457** *Cushing, C.E., Jr. 1979. Trace elements in a Columbia River, USA, food web. *NW Sci.* 53:118-125. EA11-5011; BRI18-2649; ZR116.
- 0458** *Cushman, R.M., J.W.Elwood, & S.G.Hildebrand. 1977. Life history and production dynamics of *Alloperla mediana* and *Diplectrona modesta* in Walker Branch, Tennessee. *Amer. midl. Nat.* 98:354-364. BA65-39808; ZR114.
- 0459** *Dabbagh, S.A., M.H.Kasim, & I.C.Baid. 1976. Ecological observations on the macrobenthos of the Nawram Stream, Mosul, Iraq. *Jap. J. Limnol.* 37:67-76. BA64-7821.
- 0460** *Dabrowski, K. & J.Glogowski. 1977. Studies on the proteolytic enzymes of invertebrates constituting fish food. *Hydrobiologia* 52:171-174. BA64-13767.
- 0461** *Dadikyan, M.G. 1972. [Data concerning the biology of the Armenian *Alburnoides*]. *Biol. Zh. Armen.* 25(3):15-19. Russ., armen. BA56-24560.
- 0462** * _____. 1975. [Data on the feeding of the Angor Loach *Nemachilus angorae* Steindacher in three rivers of the Armenian SSSR.]. *Biol. Zh. Armen.* 28:9-13. Russ., russ., armen. BA61-54071.
- 0463** Dakki, M. 1978. Le genre *Hydropsyche* au Maroc. (Trichoptera, Hydropsychidae). *Bull. Inst. Sci., Rabat* 1978:111-120.
- 0464** _____. 1979. Recherches hydrobiologiques sur un cours d'eau du Moyen Atlas (Maroc). Thesis, Univ. Aix-Marseille. 126 pp.
- 0465** _____. 1979(1980). Contribution à la connaissance des Leptoceridae du Maroc. *Bull. Inst. Sci., Rabat* 1979-80 4:41-52. Fr., fr., engl., arab. [Arabic separate, unpaginated]. BA79-96267; ZR118.
- 0466** *Dakki, M. & H.Malicky. 1980. Drei neue Köcherfliegen (Trichoptera) aus Marokko. *Zeit. Arb. Österr. Ent.* 31:103-106. BA70-65362; EA12-3411.
- 0467** *Dall, P.C.A. 1979. A sampling technique for littoral stone dwelling organisms. *Oikos* 33:106-112. NABS
- 0468** *Daly, H.V. 1979. General classification and key to the orders of aquatic and semiaquatic insects. pp 43-50. *In: Introduction to the aquatic Insects of North America. eds Merrit & Cummins.* ISBN 0-8403-8007-0. ASFA(1)17-3276.
- 0469** *Dance, K.W. & H.B.N.Hynes. 1979. A continuous study of the drift in adjacent intermittent and permanent streams. *Arch. Hydrobiol.* 87:253-261. Engl., engl., germ. BA69-70348.
- 0470** * _____. 1980. Some effects of agricultural land use on stream insect communities. *Environ. Pollut., Ser. A* 22:19-28. EA12-2113.
- 0471** *Danks, H.V. 1978. Modes of seasonal adaptation in the insects. I. Winter survival. *Can. Ent.* 110:1167-1205. NABS.
- 0472** *Danell, K. & K.Sjöberg. 1979. Decomposition of *Carex* and *Equisetum* in a northern Swedish lake: dry weight loss and colonization by macro-invertebrates. *J. Ecol.* 67:191-200.
- 0473** *Darteville, Z., G.Marlier, & M.Marlier. 1980. Mise en évidence de l'anatomie externe des arthropodes par digestion bactérienne des organes internes. *Ann. Soc. r. Zool. Belg.* 109:29-30.

- 0474 ***Darville, R.G. & R.C.Harrel.** 1980. Macroenthos of Pine Island Bayou in the Big Thicket National Preserve, Texas. *Hydrobiologia* 69:213-223.
- 0475 ***Das, C.C.** 1977. Sex chromosomes in Lepidoptera. *Nucleus* 20:216-217. BRI14-52502.
- 0476 ***Dauble, D.D., R.H.Gray, & T.L.Page.** 1980. Importance of insects and zooplankton in the diet of 0-age Chinook Salmon (*Oncorhynchus tshawytscha*) in the central Columbia River, Washington, USA. *NW Sci.* 54:253-258. BA73-8938.
- 0477 ***David, W.A.L.** 1975. The status of viruses pathogenic for insects and mites. *Ann. Rev. Ent.* 20:97-117. BRI11-56156.
- 0478 ***Davies, B.R.** 1979. Stream regulation in Africa: a review. pp 113-142. *In: The Ecology of regulated streams.* eds Ward & Stanford. Plenum Press, N.Y.
- 0479 ***Davies, R.W. & R.P.Everett.** 1975. The feeding of four species of freshwater Hirudinoidea in southern Alberta. *Verh. int. Ver. theoret. angew. Limnol.* 19:2816-2827.
- 0480 ***Davies, R.W. & T.B.Reynoldson.** 1971. The incidence and intensity of predation on lake-dwelling triclads in the field. *J. anim. Ecol.* 40:191-214. EA2-4797; ASFA(1)1-1655.
- 0481 ***Davis, C.L.** 1979. Chapter 17. Caddisfly. pp 176-181. *In: Insects, allergy & disease. Allergic and toxic responses to arthropods.* Marade Press, Oshawa, Ontario, Canada. ISBN 0 9690922 0 2.
- 0482 ***Davis, J.R.** 1980. Species composition and diversity of benthic macroinvertebrates in the upper Rio Grande, Texas. *SW Nat.* 25:137-150.
- 0483 *_____. 1980. Species composition and diversity of benthic macroinvertebrate populations of the Pecos River, Texas. *SW Nat.* 25:241-256.
- 0484 *_____. 1980. Species composition and diversity of benthic macroinvertebrates of lower Devils River, Texas, USA. *SW Nat.* 25:379-384. BA71-58407.
- 0485 ***Davis, S.F. & M.J.Winterbourn.** 1977. Breakdown and colonization of *Nothofagus* leaves in a New Zealand stream. *Oikos* 28:250-255. Engl., russ. ZR114.
- 0486 ***Davydova, E.D.** 1974. [Neurosecretory cells of the medial protocerebrum in larvae of primitive Caddis Flies (Trichoptera, Annulipalpia).]. *Zool. Zh.* 53:872-881. Russ., russ., engl. BA 59-49584; EA6-7052; ZR111.
- 0487 *_____. 1974. Comparative histology of the corpora allata and corpora cardiaca in Trichoptera larvae. *Gen. comp. Endocrinol.* 22:406. BRI10-90316.
- 0488 *_____. 1976. [Comparative histology of the retrocerebral complex in larvae of Caddis-flies (Trichoptera).]. *Zool. Zh.* 55:538-546. Russ., russ., engl. BA62-67409.
- 0489 ***Davydova, E.D. & A.A.Panov.** 1972. [Neurosecretory cells of the medial protocerebrum in larvae of Trichoptera.]. *Zool. Zh.* 51:1314-1321. Russ., engl. BA55-60884; EA4-8057; ZR 110.
- 0490 ***Day, R.E.** 1976. Benthic invertebrates in two upground reservoirs in the Sandusky River basin, Ohio, USA. p. 457. *In: Sandusky River basin Symp., Tiffin, Ohio, USA. Int. Reference Group on Great Lakes Pollution from land use activities.* U.S. Govt. Printing Office, Washington DC, USA. [Abstract]. BRI13-44537.
- 0491 ***Décamps, H.** 1971. Taxonomie des *Chaetopteryx* Pyrénées du groupe *major* (Trichoptera, Limnophilidae[*sic*]). *Ann. Limnol.* 7:121-124. BA54-31925; ASFA(1)2-1929; ZR108.
- 0492 *_____. 1972. Trichoptères nouveaux des Pyrenées. *Nouv. Rev. Ent.* 2:261-265. BA57-89 75; EA4-5091; ZR109.
- 0493 ***Décamps, H., K.W.Besch, H.Vabis, & C.R.Hebd.** 1973. Influence de produits toxiques sur la construction du fillet des larves d'*Hydropsyche* (Insecta, Trichoptera). *Séan. Acad. Sci. Paris (D)* 276:375-378. EA4-5259; ASFA(1)3-10699; ZR110.
- 0494 **Décamps, [D.R.]H. & P.P.Harper.** 1980. Taxonomy of male and female *Plectrocnemia* (Trichoptera; Polycentropodidae) from the French Pyrenees. *Aquat. Ins.* 2:19-31. ZR117.
- 0495 ***Décamps, H. & M.Lafont.** 1974. Cycles vitaux et production des *Micrasema* Pyrénéennes dans les mousses de eau courante (Trichoptera, Brachycentridae). *Ann. Limnol.* 10:1-32. BA 59-2944; EA6-7418; ZR111.
- 0496 ***Décamps, H. & H.Laville.** 1975. Invertébrés et matières organiques entraînés lors des crues à l'entree et à la sortie du système karstique du Baget. *Ann. Limnol.* 11:287-296.

- 0497** ***Décamps, H. & J.-Y.Pujol.** 1975. Les larves des Drusinae des Pyrénées (trichoptères, Limnephilidae). Ann. Limnol. 11:157-167. BA62-20678; EA7-2492; ZR113.
- 0498** ***Décamps, H. & R.Rouch.** 1973. Recherches sur les eaux souterraines. 19. Le système karstique du Baget: I. Premières estimations sur la dérive des invertébrés aquatiques d'origine épigée. Ann. Spéléol. 28:89-110. BA57-24846; EA5-4535.
- 0499** ***Décamps, H. & J.F.Voisin.** 1971. On the occurrence of *Apatania zonella* Zetterstedt (Trichoptera, Limnephilidae) in Svalbard. Norsk ent. Tidsskr. 18(2):135. BA54-3245; EA3-4616; ZR108.
- 0500** ***Dejoux, C. & J.M.Elouard.** 1977. Action de l'Abate sur les invertébrés aquatiques cinétique de décrochement a court et moyen term. Cah. ORSTOM, Hydrobiol. 11:217-230. Fr., fr., engl. BA68-19049.
- 0501** ***Dejoux, C., L.Lauzanne, & C.Lévêque.** 1971. Prospection hydrobiologique du Lac de Lere (Tchad) et des mares avoisinantes: IV. Faune benthique. Cah. ORSTOM, Hydrobiol. 5:179-188. BA55-54115; EA3-6596.
- 0502** **de la Presentacion, R.V.** 1973. Claves de determinacion de familias y generos de orden Trichoptera de la region paleartica occidental. Trab. Cated. Antrop. Dept. Zool. Madrid (6):1-180. ZR110.
- 0503** **del Tanago, M.G., D.Garcia de Jalon, & I.M.Elcoro.** 1979. Estudio sobre la fauna de macro invertébrados de los Rios Ciguela, Zancara y Corcoles: aplicacion de indices biologicos para el estudio de la calidad de sus aguas. Bol. Estac. Cent. Ecol. 8(15):45-59.
- 0504** ***de March, B.G.E.** 1976. Spatial and temporal patterns in macrobenthic stream diversity. J. Fish. Res. Bd Can. 33:1261-1270. Engl., engl., fr.
- 0505** ***Denis, C.** 1972. Étude du cycle biologique de *Limnephilus lunatus* (Trichoptera, Limnephilidae). Obtention de deux générations annuelles. Bull. Soc. sci. Bretagne 47:33-38. ZR109 & 111.
- 0506** *_____. 1972. Étude, au laboratoire, du cycle biologique d'*Anabolia nervosa* Curt. (Trichoptera, Limnephilidae). Bull. Soc. sci. Bretagne 47:43-47. ZR109, 111.
- 0507** *_____. 1973. Influence de la photopériode sur le cycle biologique de *Halesus radiatus* Curtis (Limnephilidae). Bull. Soc. sci. Bretagne 48:193-196. ZR111.
- 0508** *_____. 1973. Obtention d'un cycle biologique sans diapause chez *Limnephilus rhombicus* L. et *Anabolia nervosa* Curt. (Trichoptera, Limnephilidae). Bull. Soc. sci. Bretagne 48:197-207. ZR111.
- 0509** *_____. 1974. Différenciation de la sécrétion de la soie et de l'appareil séricigène chez les trichoptères. 2e Séminaire de Physiologie de l'insecte. pp 189-190. BRI11-61998; ZR111.
- 0510** *_____. 1974. Données sur la chronologie de la maturation ovarienne et sur la diapause de *Micropterna sequax* (Trichoptera, Limnephilidae). Bull. Soc. sci. Bretagne 49:125-129. EA8-8867; ZR114.
- 0511** *_____. 1976. [Study of the spinning apparatus and of silk of Trichoptera using scanning electron microscopy.]. Bull. Soc. zool. Fr. 101:142. BRI13-26263.
- 0512** *_____. 1976. Conséquences d'une suppression de la diapause larvaire chez *Anabolia nervosa* Curt. Bull. Soc. zool. Fr. 101:1086.
- 0513** *_____. 1976. Aperçu sur les diapauses des trichoptères limnephilides. Bull. Soc. zool. Fr. 101:1086-1087.
- 0514** *_____. 1978. Larval and imaginal diapauses in Limnephilidae. Proc. int. Symp. Trich. 2: 109-115. BRI17-15116; ZR114.
- 0515** *_____. 1979. Étude morphologique de l'appareil fileur et du fil de soie des Trichoptères. Bull. Soc. zool. Fr. 104:187-196. Fr., fr., engl. BA70-23830.
- 0516** *_____. 1979. Comparaison entre le diapause larvaire chez *Anabolia nervosa* Curtis et *Halesus radiatus* Curtis (Trichoptera, Limnephilidae). Ann. Limnol. 14:215-224. Fr., fr., engl. BA69-10298; EA11-4722.
- 0517** _____. 1979. Etude morphologique de l'appareil fileur et du fil de soie des trichoptères. Bull. Soc. zool. Fr. 104:187-196. Fr., fr., engl. EA12-182.

- 0518 *_____. 1980. Action de la photoperiode sur le cycle biologique et la diapause d'*Anabolia nervosa* (Trichoptera - Limnephilidae). Ann. Limnol. 16:191-202. Fr., fr., engl. BA72-38565; ASFA(1)12-3124; ZR118.
- 0519 *Denis, C. & B. le Garff. 1978. Organisation particulière des tubes de Malphigi chez deux familles de trichoptères: les glossosomatides et les hydroptilides. Ann. Zool. Ecol. anim. 10: 239-244. Fr., fr., engl. BA67-48333; ZR115.
- 0520 Denis, C. & J. le Lannic. 1976. Action de la température et de la photopériode sur l'évolution des cellules sexuelles de quelques limnéphilides. Communication à la Société d'Ecophysiologie, Paris. Bull. Soc. Ecophysiol. 1(2):?-?
- 0521 *_____. 1977. [Vitellogenesis modalities in Trichoptera.]. Ann. Zool. Ecol. anim. 9:627-636. Fr., fr., engl. BA67-15863; ZR114.
- 0522 *_____. 1976. Modalities de la maturation des cellules sexuelles femelles chez les trichoptères limnephilides. Bull. ecol. Zool. 101:1088.
- 0523 Denis, P.A. & C.Denis. 1972. Dispositif pour l'élevage d'insectes aquatiques à temperature constante. Ann. Hydrobiol. 3:65-67.
- 0524 *Denning, D.G. 1971. A new genus and new species of Trichoptera. Pan-Pac. Ent. 47:202-210. BA53-8547; ZR108.
- 0525 *_____. 1973. New species of Trichoptera. Pan-Pac. Ent. 49:132-143. BA56-67066; ZR 110.
- 0526 *_____. 1975. New species of Trichoptera from western North America. Pan-Pac. Ent. 51: 318-326. BA62-32192; EA7-1930; ZR112.
- 0527 *_____. 1975. New and unusual *Rhyacophila* (Trichoptera: Rhyacophilidae). Can. Ent. 107:953-962. BA61-3236; ZR112.
- 0528 *Denning, D.G. & R.L.Blickle. 1971. A new Trichoptera from the Hawaiian Islands. Pan-Pac. Ent. 47:164. EA2-8347, 3-2021; ASFA(1)2-1113; BRI7-60429; ZR108.
- 0529 *_____. 1972. A review of the genus *Ochrotrichia* (Trichoptera: Hydroptilidae). Ann. ent. Soc. Amer. 65:141-151. BA53-61125; EA3-5814; ZR109.
- 0530 *_____. 1979. New species of Helicopsychidae (Trichoptera, Helicopsychidae). Pan-Pac. Ent. 55:27-33. BA71-81444.
- 0531 *Denning, D.G. & V.H.Resh. 1978. Book review: Larvae of North American Caddisfly genera (Trichoptera). Pan-Pac. Ent. 54:560.
- 0532 *_____. 1979. Herbert H. Ross, 1908-1978. Pan-Pac. Ent. 55:74. NABS.
- 0533 *Denning, D.G. & F.Schmid. 1971. Descriptions of four new *Rhyacophila* (Trichoptera: Rhyacophilidae). Can. Ent. 103:1553-1556. BA53-49932; EA3-2293; ZR108.
- 0534 *Depner, K.R., W.A.Charnetski, & W.O.Haufe. 1980. effect of methoxychlor on resident populations of the invertebrates of the Athabasca River. pp 141-150. In: Control of Black Flies in the Athabasca River. Tech. Report, Pollution Control Div., Alberta Environment, Edmonton, Alberta. eds Haufe & Croome.
- 0535 *Deutsch, W.G. 1980. Macroinvertebrate colonization of acrylic plates in a large river. Hydrobiologia 75:65-72. BA71-37139.
- 0536 *Devaraj, K.V. 1974. Food of White Catfish, *Ictalurus catus* (Linn.) (Ictaluridae) stocked in farm ponds. Int. Rev. ges. Hydrobiol. 59:147-151. BA58-48552.
- 0537 _____. 1976. On the food of Channel Catfish stocked in farm ponds. Aquaculture 7(1): 27-32. BA61-65867.
- 0538 *de Viedma, M.G. & D.Garcia de Jalon. 1980. Descriptions of four larvae of *Rhyacophila* (*Pararhyacophila*) from the Lozoya River, central Spain, and key to the species of the Iberian Peninsula (Trichoptera: Rhyacophilidae). Aquat. Ins. 2:1-12. BA70-31111; EA11-7988; AS FA(1)10-15612.
- 0539 *Devenport, B.F. & M.J.Winterbourn. 1976. The feeding relationships of two invertebrate predators in a New Zealand river. Freshw. Biol. 6:167-176. BA62-24745.
- 0540 *Dia, A. & L. Botoșăneanu. 1980. Une *Stactobia* nouvelle du Liban (Trichoptera, Hydroptilidae): ses stades aquatiques et leurs constructions. Bijdr. Dierk. 50:369-374. BA72-81352.

- 0541 ***Dickson, K.L. & J.Cairns, Jr.** 1972. The relationships of fresh-water macroinvertebrate communities collected by floating artificial substrates to the MacArthur-Wilson equilibrium model. *Amer. midl. Nat.* 88:68-75. BA54-65343; EA4-3886.
- 0542 ***di Giovanni, M.V. & A.Oelker.** 1977. [The upstream zone of the Arno River and the Staggia and Archiano tributaries. *Riv. Idrobiol.* 16:75-150. Ital., ital., engl. BA68-14453.
- 0543 ***Disney, R.H.** 1972. Larval Hydroptilidae (Trichoptera) that prey upon Simuliidae (Diptera) in Cameroon. *Ent. mon. Mag.* 108:84-85. BA56-30682; EA4-2826; ZR110.
- 0544 ***Dobat, K.** 1973. Beobachtungen an markierten und unmarkierten Köcherfliegen (Trichoptera) in der Bärenhöhle im Lonetal (Schwäbischer Jura). *Int. J. Speleol.* 5:63-85. EA5-489; ZR110.
- 0545 *_____. 1975. Die Höhlenfauna der Schwäbischen Alb mit Einschluss des Dinkelberges, des Schwarzwaldes und des Wutachgebietes. *Jb. ges. Naturk'de* 130:260-381.
- 0546 ***Donald, D.B., R.S.Anderson, & D.R.Mudry.** 1977. Limnological studies in Jasper National Park. Part 2: Entomological and fisheries investigations in the Fiddle River and Sulphur Creek, 1976. *Can. Wildl. Serv., Calgary.* 42 pp.
- 0547 ***Dorgelo, J.** 1976. Further observations on drift in two brooks in Auvergne. *Ann. Stn biol. Besse-en-Chandesse* 10:233-249. EA10-1295; ZR114.
- 0548 ***Dorgelo, J. & N.Lair.** 1973. Downstream drift in two brooks of Auvergne: preliminary observations. *Ann. Stn biol. Besse-en-Chandesse* 8:103-117. EA6-976; ASFA(1)4-10489.
- 0549 **Downes, J.** 1980. Observations of captive Trichoptera and Ephemeroptera taken from streams in the Bideford area of Devon. *Bull. amat. Ent. Soc.* 39(329):188-192. ZR117.
- 0550 ***Downing, J.A.** 1979. Aggregation, transformation and the design of benthos sampling programs. *J. Fish. Res. Bd Can.* 36:1454-1463. NABS.
- 0551 ***Dratnal, E.** 1976. [Benthic invertebrate communities of the Pradnik Stream.]. *Ochr. Przyr.* 41:281-322. Pol., pol., engl. BA66-7441.
- 0552 *_____. 1979. *Eukiefferiella szczesnyi* sp. n. (Diptera, Chironomidae). *Bull. Acad. Pol. Sci., Biol.* II 27:183-193. BA69-51474.
- 0553 ***Dratnal, E. & K.Kasprzak.** 1980. The response of the invertebrate fauna to organic pollution in a well oxygenated karst stream exemplified by the Prądnik Stream (south Poland). *Acta Hydrobiol.* 22:263-278.
- 0554 ***Dratnal, E., R.Sowa, & B.Szczesny.** 1979. Benthic invertebrate communities in the Dunajec River between Harklowa and Sromowce Nizne. *Ochr. Przyr.* 42:183-215. Engl., pol. BA72-51032.
- 0555 ***Dubey, O.P. & B.K.Kaul.** 1971. Torrenticole insects of the Himalaya: IV. Some observations on the ecology and the character - insect communities of the River Alhni. *Orient. Ins.* 5(1):47-71. BA53-14186; EA3-2677; ASFA(1)2-2801.
- 0556 ***Duffield, R.M., M.S.Blum, J.B.Wallace, H.A.Lloyd, & F.E.Regnier.** 1977. Chemistry of the defensive secretion of the Caddisfly *Pycnopsyche scabripennis* (Trichoptera: Limnephilidae). *J. chem. Ecol.* 3:649-656. BA65-64865; EA9-4999; ZR114.
- 0557 ***Dugdale, J.S.** 1974. Female genital configuration in the classification of Lepidoptera. *NZ J. Zool.* 1:127-146. BA59-15071.
- 0558 ***Dumont, B. & J.Verneaux.** 1976. Edifice trophique partiel du cours superieur d'un ruisseau forestrier. *Ann. Limnol.* 12:239-352.
- 0559 ***Duranthon-Gautheron, F. & J.-G.Picon.** 1973. Inventaire des trichoptères (Insecta: Trichoptera), à l'exclusion des Hydroptilidae, de la Station de Biologie de l'Université de Montréal, Saint-Hippolyte, Compté de Terrebonne, Québec. *Ann. Soc. ent. Québec* 18:66-92. Fr., engl. BA57-31838; ZR110.
- 0560 ***Dürrenfeldt, A.** 1978. Untersuchungen zur Besiedlungsbiologie von Kalktuff-faunistische, ökologische und elektronenmikroskopische Befunde. *Arch. Hydrobiol., Suppl.* 54:1-79. Germ., germ., engl.
- 0561 ***Dutmer, S.G.** 1977. [Neuropteroidea from the valley of the Drentsche Aa.]. *Ent. Ber., Amsterdam* 37(6):81-85. Dut., engl. BA65-2479; EA9-2485.

- 0562** ***Dvořák, J.** 1971. The zonation of environmental factors and the macrofauna of littoral emergent vegetation in ponds in south Bohemia. *Hydrobiologia* 12:325-329. Engl., fr. ASFA (1)2-2076.
- 0563** *_____. 1978. 6.5 Macrofauna of invertebrates in helophyte communities. pp 389-395. *In*: Pond littoral ecosystems: structure and functioning. Methods and results of quantitative ecosystem research in the Czechoslovakian IBP Wetland Project. Vol. 28 of Ecological Studies, analysis and synthesis. Springer-Verlag, N.Y. & Berlin. ISBN 0-387-08569-6; 3-540-08569-6. BRI16-55515.
- 0564** **Dyrrdal, N.** 1972. Trichoptera frå to vatn i Skånøvik. Thesis, Univ. Bergen. 94 pp. STOKK.
- 0565** **Ebmer, Per A.W.** 1980. Entomologische Arbeitsgemeinschaft. *Jb. Oberöst. Mus. Ver. Linz* 125:52-58. ZR117.
- 0566** ***Echaubard, M. & A.Neuveu.** 1974-1975. Perturbations qualitatives et quantitatives de la faune benthique d'un ruisseau à truites, la Couze Pavin (Puy-de Dome), dues aux pollutions agricoles et urbaines. *Ann. Stn biol. Besse-en-Chandesse* 9:1-24.
- 0567** ***Eder, S. & C.A.Carlson.** 1977. Food habits of Carp and White Suckers in the South Platte and St Vrain Rivers and Goosequill Pond, Weld County, Colorado. *Trans. Amer. Fish. Soc.* 106:339-346. BA64-61674.
- 0568** ***Edington, J.M. & R.Alderson.** 1973. The taxonomy of British psychomyiid larvae (Trichoptera). *Freshw. Biol.* 3:463-478. BA57-66938; EA5-2060; ASFA(1)4-2234.
- 0569** ***Edington, J.M. & A.H[is G.J.Hildrew.** 1973. Experimental observations relating to the distribution of net-spinning Trichoptera in streams. *Verh. int. Ver. theor. angew. Limnol.* 18 (3):1549-1558. EA6-6572; ASFA(1)5-1748; BRI11-48876.
- 0570** ***Edwards, D.J.** 1973. Aquarium studies on the consumption of small animals by O-group Grass Carp, *Ctenopharyngodon idella* (Val.). *J. Fish. Biol.* 5:599-605.
- 0571** ***Edwards, S.W.** 1973. Texas Caddisflies. *Tex. J. Sci.* 24:491-516. BA56-43715; EA4-5092; ASFA(1)3-8592; ZR110.
- 0572** ***Egglisshaw, H.J.** 1980. Benthic invertebrates of streams on the Alburz mountain range near Tehran, Iran. *Hydrobiologia* 69:49-55. EA11-8758.
- 0573** ***Egglisshaw, H.J. & E.H.Nicoll.** 1977. A biological survey of river water quality in Scotland. pp 19-31. *In*: Proc. Symp. Europ. Int. Fish. Adv. Comm., Helsinki, Finland, June 1976. *ed.* J.S.Alabaster. Applied Science Publ., London. ISBN 0-85334-719-0. Engl., engl., fr. ASFA(1) 8-1876.
- 0574** **Ehlke, T.A.** 1979. Effects of landfill leaching on water quality and biology of a nearby stream, South Cairo, Greene County, New York. NY Water Resources Div., Geol. Survey, Albany, N.Y. 24 pp. NABS.
- 0575** ***Eidel, K.** 1974. Die Köcherfliegen (Trichoptera) des Wutachgebiet. *Mitt. bad. Landesver. Naturk.* 11:187-195. ZR111.
- 0576** ***Eidt, D.C.** 1975. The effect of fenitrothion from large-scale forest spraying on benthos in New Brunswick headwaters streams. *Can. Ent.* 107:743-760.
- 0577** ***Eisele, P.J. & R.Hartung.** 1976. The effects of methoxychlor on riffle invertebrate populations and communities. *Trans. Amer. Fish. Soc.* 105:628-633. BA63-55870.
- 0578** **Ellenberger, R.S., H.R.Laube, R.A.Walter, & J.R.Wholer.** 1973. Pond succession on Presqu-Isle, Erie, Pennsylvania. *Proc. Pennsylvania Acad. Sci.* 47:133-135. BRI10-59675.
- 0579** ***Elliott, J.M.** 1971. Life histories and drifting of three species of Limnephilidae (Trichoptera). *Oikos* 22:56-61. BA52-96203; EA2-6623.
- 0580** *_____. 1971. Upstream movements of benthic invertebrates in a Lake District stream. *J. anim. Ecol.* 40:235-252. BA52-83268; EA2-4840; ASFA(1)1-1584; ZR108.
- 0581** *_____. 1971. The distances travelled by drifting invertebrates in a Lake District stream. *Oecologia* 6:350-379. EA2-8168; ASFA(1)1-2594.
- 0582** *_____. 1971. The life history and biology of *Apatania muliebris* McLachlan (Trichoptera). *Ent. Gaz.* 22:245-251. BA54-31929; EA4-327; ZR109.
- 0583** *_____. 1972. Rates of gastric evacuation in Brown Trout, *Salmo trutta* L. *Freshw. Biol.* 2:1-18.

- 0584** *_____. 1973. The food of Brown and Rainbow Trout (*Salmo trutta* and *S. gairdneri*) in relation to the abundance of drifting invertebrates in a mountain stream. *Oecologia* 12:329-347. EA4-6635.
- 0585** *Elliott, J.M. & T.B.Bagenal. 1972. The effects of electrofishing on the invertebrates of a Lake District stream. *Oecologia* 9:1-11. BA54-30798; ZR109.
- 0586** *Elliott, W.R. & J.R.Reddell. 1973. A checklist of the cave fauna of Mexico. VI. Valle de los Fantomas, San Luis Potosi. *Bull. Assoc. Mex. Cave Stud.* 5:191-201.
- 0587** *Ellis, R.J. 1978. Seasonal abundance and distribution of adult Caddisflies of Sachin Creek, Baranof Island, southeastern Alaska. *Pan-Pac. Ent.* 54:199-206. BA67-54722; EA10-4416; ZR115.
- 0588** *_____. 1978. Over-winter occurrence and maturation of gonads in adult *Psychoglypha subborealis* (Banks) and *Glyphopsyche irrorata* (Fabricius) (Trichoptera: Limnephilidae). *Pan-Pac. Ent.* 54:178-180. BA67-54723; EA10-4292; ZR115.
- 0589** *Elofson, R., N.Klemm. 1972. Monoamine-containing neurons in the optic ganglia of crustaceans and insects. *Zeit. Zellforsch. Mikrosk. Anat.* 133:475-499. EA4-170.
- 0590** *El-Shamy, F.M. 1977. Standing crop of benthic invertebrates of Lake Wingra and Lake Mendota, Wisconsin. *Trans. Wisc. Acad. Sci. Arts Lett.* 65:217-224. BA66-32607; ZR114.
- 0591** *Emmerich, R. 1971. Zur Nahrung und Ernährungsbiologie des Sprossers (*Luscinia luscinia* L.). *Zool. Abhandl.* 32:57-67.
- 0592** *_____. 1973. Das Nahrungsspektrum der Dorngrasmücke (*Sylvia communis* Lath.) in einem Gebüsch-Biotop der Insel Hiddensee (Aves, Sylviidae): ein Beitrag zur Kenntnis der Ernährungsbiologie von Singvögeln. *Zool. Abhandl.* 32(18):275-307. BA59-13637.
- 0593** *_____. 1974. Das Nahrungsspektrum der Dorngrasmücke (*Sylvia communis* Lath.) in einem Gebüsch-Biotop der Insel Hiddensee (Aves, Sylviidae). II Teil: Die Altvogelnahrung der Dorngrasmücke und ihr vergleich mit der Nestlingsnahrung. *Zool. Abhandl.* 33:9-31. Germ., engl.
- 0594** *Emoto, J. 1979. A revision of the *Rhyacophila retracta* group of the genus *Rhyacophila* (Trichoptera: Rhyacophilidae). *Kontyû* 47:556-569. BA70-17190.
- 0595** *Engelke, M.J., Jr. 1978. The biology of Salt Wells Creek and its tributaries, southwestern Wyoming. Wyoming Water Resources Div., Geological Survey, Cheyenne. 99 pp. NABS.
- 0596** _____. 1979. Common aquatic insects of Wyoming. *Wyoming Wildl.* 43(5):28-32. ZR 120.
- 0597** *Enghoff, H. 1976. [Parthenogenesis in Insecta, Myriapoda, Arachnida and terrestrial Iso-poda.]. *Ent. Medd.* 44:31-64. Dut., engl. EA8-457.
- 0598** Engster, M. 1974. Silk secretion in trichopteran larvae. *J. Cell. Biol.* 63(2)(ii):94a. [Abstract]. ZR111.
- 0599** _____. 1975. Invertebrate secretory mechanisms, with special reference to silk secretion in the Trichoptera. *Dissert. Abs. int. (B)* 35:5247. ZR113.
- 0600** *_____. 1976. Studies on silk secretions in the Trichoptera (F. Limnephilidae): I. Histology, histochemistry, and ultrastructure of the silk glands. *J. Morph.* 150:183-211. BA63-26744; ZR113.
- 0601** *_____. 1976. Studies on silk secretions in the Trichoptera (F. Limnephilidae): II. Structure and amino acid composition of the silk. *Cell Tissue Res.* 169:77-92. BA63-15968; EA7-79 33; ZR113.
- 0602** *Enk, M.D. & B.J.Mathis. 1977. Distribution of cadmium and lead in a stream ecosystem. *Hydrobiologia* 52:153-158.
- 0603** *Erman, D.C. & W.C.Chouteau. 1979. Fine particle organic carbon output from fens and its effects on benthic macroinvertebrates. *Oikos* 32:409-415. NABS.
- 0604** *Ertlová, E. 1976. Abundance and biomass of bottom fauna of the Brook Jelešná. *Acta F.R. N. Univ. Com. Ent. Zool.* (20):79-87. ASFA(1)7-2957.
- 0605** Erwin, J.J. & R.C.Ball. 1975[?]. Electronic devices for the capture of aquatic invertebrates. *Tech. Rep., Inst. Water Res., Michigan St. Univ.* 40, 78 pp. ASFA(1)5-11290.
- 0606** Esquerria, L.F. 1977. Noves localitzacions iberiques de trichopters cavernicolez. *Comun. Simp. Espeleologia, Biospel. Terrassa.* 6:131-134.

- 0607** *Etnier, D.A. 1973. Extensions of the known ranges of northern Trichoptera into the southern Appalachians. J. Georgia ent. Soc. 8:272-274. BA57-26462; EA5-1894; ZR110.
- 0608** *Etnier, D.A., J.A.Louton, J.A.Wojtowicz, & B.Williams. 1980. Tennessee. pp 8-9. In: A guide to collection sites *en route* to Savannah. ed. J.C.Morse. N. Amer. benth. Soc.
- 0609** *Etnier, D.A. & G.A.Schuster. 1979. An annotated list of Trichoptera (Caddisflies) of Tennessee. J. Tennessee Acad. Sci. 54(1):15-22. EA10-6986; BRI17-28650.
- 0610** *Etnier, D.A. & J.D.Way. 1973. New southeastern Trichoptera. J. Kans. ent. Soc. 46:422-430. BA57-14513; EA5-2058; ZR110.
- 0611** *Ettinger, W.S. & K.C.Kim. 1975. Benthic insect species composition in relation to water quality in Sinking Creek, Center County, Pennsylvania. Proc. Pennsylvania Acad. Sci. 49: 150-154. BRI12-97203.
- 0612** *Evans, L.K. 1973. An entomologist in Radnorshire. Ent. Rec. J. Var. 85:33-40. EA4-4966.
- 0613** Evans, P.D. 1980. Biogenic amines in the insect nervous system. pp 317-474. In: Advances in Insect Physiology. eds Berridge, Treherne, & Wigglesworth. Academic Press, London & N.Y. ISBN 0-12-024215-X. BRI(BA/RRM)21-37638.
- 0614** *Evsin, V.N. & N.O.Ivanov. 1979. [The summer feeding of Brook Trout, *Salmo trutta*, in the Pulonga River (Kola Peninsula), Russian SFSR, USSR.]. Vopr. Ikhtiol. 19:1098-1104. BA 70-69918.
- 0615** *Ezenwa, A.O. 1974. Ecology of Simuliidae, Mermethidae, and Microsporidia in Newfoundland freshwaters. Can. J. Zool. 52:557-565. BA58-38314.
- 0616** *Fahy, E. 1972. Some records of Trichoptera from Ireland. Irish Nat. J. 17(6):199-203. ZR 110.
- 0617** *_____. 1972. The life cycle of some invertebrates in an isothermic stream in western Ireland. Sci. Proc. r. Dublin Soc. (A) 4:331-342.
- 0618** *_____. 1972. The feeding behaviour of some common lotic insect species in two streams of differing detrital content. J. Zool. 167:337-350. ZR109.
- 0619** *_____. 1972. Studies on the Trichoptera of a stony stream system in western Ireland. Ent. mon. Mag. 108:52-59. BA55-49504; EA4-1708; ASFA(1)3-7764; ZR109.
- 0620** *_____. 1972. The larvae of *Hydroptila forcipata* (Eaton) (Trich., Hydroptilidae). Ent. mon. Mag. 107:145-148. EA4-2514; ASFA(1)3-8274; ZR109.
- 0621** *_____. 1972. An automatic separator for the removal of aquatic insects from detritus. J. appl. Ecol. 6:655-658. EA4-617; ZR109.
- 0622** *_____. 1973. A high altitude lotic invertebrate community in County Wicklow. Irish Nat. J. 17:343-345. BRI9-88880; ZR110.
- 0623** *_____. 1974. Fauna and flora of a thermal spring at Innfield (Enfield), Co. Meath. Irish Nat. J. 18:9-12.
- 0624** *_____. 1975. The biology of a thermal spring at Enfield, Co. Meath, with some observations on other Irish thermal springs. Proc. r. Irish Acad. (B) 75:111-123.
- 0625** *_____. 1975. Quantitative aspects of the distributions of invertebrates in the benthos of a small stream system in western Ireland. Freshw. Biol. 5:167-182. ASFA(1)6-4215.
- 0626** *Faragher, R.A., T.R.Grant, & F.N.Carrick. 1979. Food of the Platypus (*Ornithorhynchus anatinus*) with notes on the food of Brown Trout (*Salmo trutta*) in the Shoalhaven River, New South Wales, Australia. Austr. J. Ecol. 4:171-180. BA69-15247.
- 0627** *Faucheux, M.J. 1977. L'appareil fileur de la soie chez les arthropods: rôles de la soie. Bull. Soc. Sci. nat. ouest Fr. 75:133-143. ZR114.
- 0628** Feest, J., C.Briesemann, B.Greune, & J.Penassa. 1976. Zum Artenbestand von vier Quellregionen der Baumberge vergleichen mit faunistischen Untersuchungen aus den Jahren 1926-30. Nat. Heimat 36(2):32-39. BerRob.
- 0629** *Feick, D.R. & J.J.Peterka. 1978. A survey of benthic invertebrates of Felton Creek, Minnesota. Proc. N. Dakota Acad. Sci. 32:3-9. ZR115.
- 0630** *Ferguson, V.M. & R.C.Fox. 1978. A comparison of aquatic insects in natural inlets with those in the heated effluent from the Oconee nuclear station littoral zone. J. Georgia ent. Soc. 13:202-213. BA67-1789.

- 0631** *Ferrarese, U. & B.Sambugar. 1976. Recherche sulla fauna interstiziale iporreica dell'adige in relazione allo stato di inquinamento del Fiume. Riv. Idrobiol. 15:48-127. ['Tricotteri'. By Moretti & Cianficconi. pp 98-105]. Ital., ital., engl. BA67-33924.
- 0632** *Ferrier, M.D. & T.E.Wissing. 1979. Larval retreat and food habits of the net-spinning trichopteran *Cheumatopsyche analis* (Trichoptera: Hydropsychidae). Gt Lks Ent. 12:157-164. EA11-9729; ASFA(1)10-17895.
- 0633** *_____. 1980. A scanning electron microscopic study of the mouthparts of *Cheumatopsyche analis* (Trichoptera: Hydropsychidae) larvae. Ohio J. Sci. 80:38-40. EA12-237; BRI (BA/RRM)19-4712.
- 0634** Fey, J.M. 1974. Ein Beitrag zur Insektenfauna der Lenne zwischen Altena und Werdohl. Der Märker 23:122-123. BerRob.
- 0635** *_____. 1975. [Analysis of the web construction behaviour of the Caddis-fly *Hydropsyche* sp. (Trichoptera)]. Naturwissenschaften 62:582-583. BRI12-68188; ZR112.
- 0636** *_____. 1977. Die Aufheizung eines Mittelgebirgsflusses und ihre Auswirkungen aus die Zoozönose - dargestellt an der Lenne (Sauerland). Arch. Hydrobiol., Suppl. 53:307-363. Germ., germ., engl. BA66-50998; ASFA(1)8-10937; ZR115.
- 0637** *_____. 1977. Untersuchungen zur Flugzeit einiger sauerländischer Trichopteren. Dortm. Beitr. Landesl. 11:35-40. ZR115.
- 0638** _____. 1978. Die Beeinflussung der Lenne durch die Abwärme des Kohlkraftwerkes Elverlingsen. Natur Landsschaftsk. Westf. 14(2):53-60. BerRob.
- 0639** *Fey, J.M. & E.Mertschenk. 1966. [The Ephemeroptera, Plecoptera and Trichoptera fauna of Sauerland (Insecta: Ephemeroptera, Plecoptera, Trichoptera)]. Decheniana 130:131-135. Germ., germ., engl. BA66-3370; EA8-8405; ASFA(1)7-12917; ZR114.
- 0640** _____. 1978. Zur Biologie des Portmecker Siepens. Der Märker 27:163-166. BerRob.
- 0641** *Fey, J.M. & H.Schuhmacher. 1978. Zum Einfluß wechselnder Temperatur auf den Netzbau von Larven der Köcherfliegen-Art *Hydropsyche pellucidula* (Trichoptera: Hydropsychidae). Ent. Germ. 4:1-11. Germ., engl. EA9-7490; ASFA(1)8-11476; ZR115.
- 0642** *Fiasson, S. & E.Pattee. 1974. Etude écologique d'une rivière de la région Stéphanoise: le Furan. Rev. Inst. Pasteur, Lyon 7:167-188. Fr., fr., engl. ASFA(1)5-12822.
- 0643** Filimonov, P.M. & E.A.Faidy sh. 1978. [On some instinctive mechanisms in insects.]. Dokl. mosk. Obshch. Ispyt. Prir., Zool. Bot. 1975(2):7-8. Russ. ZR116.
- 0644** *Fisher, D. 1977. Identification of adult females of *Tinodes* in Britain (Trichoptera: Psychomyiidae). Syst. Ent. 2:105-110. BA65-21453; EA8-6404; ZR114.
- 0645** *Fjeldsa, J. 1977. [Benthos densities in the littoral zone of some lakes in northern Norway.]. Fauna 30:227-236. Norw. engl. BA66-20184.
- 0646** Fjellheim, A. 1976. Livssyklus, produksjon og drift hos *Rhyacophila nubila* (Zett.) (Trichoptera) i Oselven, Hordaland. Thesis, Univ. Bergen. 106 pp. TN.
- 0647** *_____. 1980. Differences in drifting of larval stages of *Rhyacophila nubila* (Trichoptera). Holarct. Ecol. 3:99-103. BA70-22401; EA11-6731; ASFA(1)10-12034.
- 0648** *Flannagan, J.F. 1976. Life cycles of some common aquatic insects of the Athabasca River, Alberta. Alberta Oil Sands Environmental Research Program, Edmonton, Alberta, Canada AF2.1.1, ix+20 pp.
- 0649** *_____. 1978. Emergence of Caddisflies from the Roseau River, Manitoba. Proc. int. Symp. Trich. 2:183-197. BRI17-15126; ZR114.
- 0650** _____. 1979. The effects of an experimental injection of methoxychlor on aquatic invertebrates: accumulation, standing crop and drift. Can. Ent. 111:73-90.
- 0651** *Flannagan, J.F. & G.H.Lawler. 1972. Emergence of Caddisflies (Trichoptera) and Mayflies (Ephemeroptera) from Hemming Lake, Manitoba. Can. Ent. 104:173-183. BA54-14689; EA3-5253; ASFA(1)2-6621; ZR109.
- 0652** *Flannagan, J.F., B.E.Townsend, & B.G.E. de March. 1980. Acute and long term effects of methoxychlor larviciding on the aquatic invertebrates of the Athabasca River, Alberta. pp 151-158. In: Control of Black Flies in the Athabasca River. Tech. Rep., Pollution Contr. Div., Alberta Environment, Edmonton, Alberta. eds Haufe & Croome.

- 0653** ***Flannagan, J.F., B.E.Townsend, B.G.E. de March, M.K.Friesen, & S.L.Leonhard.** 1979. The effects of an experimental injection of methoxychlor on aquatic invertebrates accumulation, standing crop, and drift. *Can. Ent.* 111:73-90. NABS.
- 0654** *_____. 1980. Effects of an experimental injection of methoxychlor in 1974 on aquatic invertebrates: accumulation, standing crop, and drift. pp 131-139. *In: Control of Black Flies in the Athabasca River. Tech. Rep., Pollution Contr. Div., Alberta Environment, Edmonton, Alberta. eds Haufe & Croome.*
- 0655** **Flerov, K.K., E.I.Belyaeva, N.M.Yanouskaya, A.A.Gureev, & 10 others.** 1974. [Zoogeography of Palaeogene of Asia.]. *Tr. palaeont. Inst.* 146:1-300. Russ. ZR111.
- 0656** ***Flint, O.S., Jr.** 1971. Studies of neotropical Caddis Flies 11. The genus *Rhyacopsyche* in Central America (Hydropsychidae). *Proc. biol. Soc. Wash.* 83:515-526. ZR108.
- 0657** *_____. 1971. Studies of neotropical Caddisflies. XII. Rhyacophilidae, Glossosomatidae, Philopotamidae, and Psychomyiidae from the Amazon Basin (Trichoptera). *Amazoniana* 3:1-67. EA4-1368; ASFA(1)2-5522; ZR109.
- 0658** *_____. 1972. Studies of neotropical Caddisflies: XIII. The genus *Ochrotrichia* from Mexico and Central America (Trichoptera: Hydroptilidae). *Smithson. Contr. Zool.* 118:1-28. BA 54-20291; ZR109.
- 0659** *_____. 1972. Three new Caddisflies from the southeastern United States. *J. Georgia ent. Soc.* 7:79-81. BA54-14688; EA3-5813; ZR109.
- 0660** *_____. 1972. Studies of neotropical Caddisflies, XIV: On a collection from northern Argentina. *Proc. biol. Soc. Wash.* 85:223-248. BA56-26561; ZR109.
- 0661** *_____. 1973. The first molannid Caddisfly from Ceylon, *Molanna taprobane*, new species (Trichoptera, Molannidae). *Proc. biol. Soc. Wash.* 86:517-524. BA59-49911.
- 0662** *_____. 1973. Studies of neotropical Caddisflies, XVI: The genus *Austrotinodes* (Trichoptera: Psychomyiidae). *Proc. biol. Soc. Wash.* 86:127-142. BA58-26442.
- 0663** *_____. 1973. A replacement name for *Smicridea minima*, subgenus *Rhyacophylax* (Trichoptera: Hydropsychidae). *Proc. ent. Soc. Wash.* 75:219. EA4-7061; BRI9-90647.
- 0664** *_____. 1974. Checklist of the Trichoptera, or Caddisflies, of Chile. *Rev. Chilena Ent.* 8:83-93. ZR111.
- 0665** *_____. 1974. The genus *Culoptila* Mosely in the United States, with two new combinations (Trichoptera: Glossosomatidae). *Proc. ent. Soc. Wash.* 76:284. BA59-25865; EA6-2378; ZR111.
- 0666** *_____. 1974. Studies of neotropical Caddisflies: XVII. The genus *Smicridea* from North and Central America (Trichoptera: Hydropsychidae). *Smithson. Contr. Biol.* 167:1-65. BA 58-43993; EA6-4280; ZR111.
- 0667** *_____. 1974. Studies of neotropical Caddisflies. XVIII. New species of Rhyacophilidae and Glossosomatidae (Trichoptera). *Smithson. Contr. Zool.* 169:1-30. BA58-20176; EA6-4279; ZR111.
- 0668** *_____. 1974. Studies on the fauna of Suriname and other Guyanas: 55. The Trichoptera of Suriname; Studies of neotropical Caddisflies, XV. *Uitg Natuurwet. Studiekring Suriname Ned. Antillen* 79:1-151. BA59-67692; EA6-2376; ZR111.
- 0669** *_____. 1974. Studies of neotropical Caddisflies, XIX: The genus *Cailloma* (Trichoptera: Rhyacophilidae). *Proc. biol. Soc. Wash.* 87:473-484. BA60-49843; ZR113.
- 0670** *_____. 1975. Studies of neotropical Caddisflies, XX: Trichoptera collected by the Hamburg South-Peruvian Expedition. *Ent. Mitt. zool. Staatsinst. Zool. Mus. Hamburg* 4(90):565-573. BA61-49460; EA6-7771; ZR112.
- 0671** *_____. 1975. Book review: 'Trichoptera (Köcherfliegen)'. Hans Malicky. 1973. *Handbuch der Zoologie, Band IV, Hälfte 2, Teil 2/29*, 114 pp, 96 figures, Walter de Gruyter & Co, Genthiner Strasse 13, Berlin 30, Germany DM 130. *Proc. ent. Soc. Wash.* 77:14.
- 0672** *_____. 1976. The Greater Antillean species of *Polycentropus* (Trichoptera: Polycentropodidae). *Proc. biol. Soc. Wash.* 89:233-246. BA63-39229; ZR113.
- 0673** *_____. 1976. A preliminary report of studies on neotropical Trichoptera. *Proc. int. Symp. Trich.* 1:47-48. EA7-7588; BRI12-62049; ZR113.

- 0674 *_____. 1977. Trichoptera. pp 249-253. *In: Biota Acuática de Sudamérica Austral. ed. S.H.Hubert. San Diego State Univ., San Diego, California. xiv+342 pp.*
- 0675 *_____. 1978. Larvae of the North American Caddisfly genera (Trichoptera). Glenn B. Wiggins, Illustrated by Anker Odum. 1977. University of Toronto Press, Toronto, Canada and Buffalo, New York. xi+401, illus. \$25. Bull. ent. Soc. Amer. 24:127. Book review.
- 0676 *_____. 1978. Probable origins of the West Indian Trichoptera and Odonata fauna. Proc. int. Symp. Trich. 2:215-223. BRI17-15129; ZR114.
- 0677 *_____. 1978. Studies of neotropical Caddisflies, XXII: Hydropsychidae of the Amazon basin (Trichoptera). Amazoniana 6:373-421. ZR115.
- 0678 *_____. 1979. Studies of neotropical Caddisflies XXIII: New genera from the Chilean region. Proc. biol. Soc. Wash. 92:640-649. BA71-60327; ASFA(1)12-3117.
- 0679 *_____. 1980. Trichoptera. *In: The results of the Catherwood Foundation Bolivian-Peruvian Altiplano Expedition. Part I. Aquatic insects except Diptera. ed. S.W.Roback. Proc. Acad. nat. Sci. Philadelphia 132:213-217. BA71-60308.*
- 0680 *_____. 1980. Studies on neotropical Caddisflies XXVI: new species from Argentina (Trichoptera). Rev. Soc. ent. Argentina 39:137-142. ZR119.
- 0681 *_____. 1980. Studies of neotropical Caddisflies, XXIX: The genus *Polycentropus* (Trichoptera: Psychomyiidae). J. Washington Acad. Sci. 70:148-160.
- 0682 *Flint, O.S., Jr & J.Bueno Soria. 1977. Studies of neotropical Caddisflies: XXI. The genus *Lepidostoma* (Trichoptera: Lepidostomatidae). Proc. biol. Soc. Wash. 90:375-387. BA66-152 23; ASFA(1)12-3115; ZR114.
- 0683 *_____. 1979. Studies of neotropical Caddisflies. XXIV. The genus *Macronema* (Trichoptera; Hydropsychidae). Proc. ent. Soc. Wash. 81:522-535. BA69-58507; EA11-3706.
- 0684 *Flint, O.S., Jr & S.J.Herrmann. 1976. The description of, and environmental characterization for, a new species of *Ochrotrichia* from Colorado, USA (Trichoptera: Hydroptilidae). Ann. ent. Soc. Amer. 69:894-898. BA63-2609; EA8-2389; ZR113.
- 0685 *Flint, O.S., Jr, J.R.Voshell, Jr, & C.R.Parker. 1979. The *Hydropsyche scalaris* group in Virginia, with the description of two new species (Trichoptera: Hydropsychidae). Proc. biol. Soc. Wash. 92:837-862. BA71-53164; ASFA(1)12-5852.
- 0686 *Flint, O.S., Jr & J.B.Wallace. 1980. Studies of neotropical Caddisflies XXV: The immature stages of *Blepharopus diaphanus* and *Leptonema columbianum* (Trichoptera: Hydropsychidae). Proc. biol. Soc. Wash. 93:178-193. BA71-60321.
- 0687 *Flint, R.W. & C.N.Merkel. 1978. Distribution of benthic macroinvertebrate communities in Lake Erie's eastern basin. Verh. int. Ver. theor. angew. Limnol. 20:240-251. NABS.
- 0688 Florin, J. 1980. Die Insektenfauna des Hochmoors Balmoos bei Hasle, Kanton Luzern. IV. Trichoptera (Köcherfliegen). Ent. Ber., Lucern 3:86-93. EA12-1398.
- 0689 *Flössner, D. 1976. Biomasse und Produktion des Makrobenthos der mittleren Saale. Limnologica 10:123-153. BA62-30465.
- 0690 *_____. 1980. Kohlenstoffproduktion und respiration des lithalen Makrozoobenthos der mettlernen Saale. Limnologica 12:235-242.
- 0691 *Folmar, L.C. 1977. Acrolein, Dalapon, Dichlobenil, Diquat, and Endothal: bibliography of toxicity to aquatic organisms. Tech. Pap. U.S. Fish Wildl. Serv. (88):1-16. NABS.
- 0692 *Forsythe, D.M. & W.B.Ezell, Jr, [Eds]. 1976. Arthropoda other than Crustacea. Proc. South Carolina 1st endangered species symposium, S.Carolina Wildlife & Marine Resources Dept, Columbia, S.C., USA. pp 46-51.
- 0693 Fowler, D.C. 1980. Net-spinning Caddisflies. Ent. Notes (14):1-2. ZR119.
- 0694 *Fox, O.R. 1977. Species richness in streams, an alternative mechanism. Amer. Nat. 111: 1017-1021. BRI14-13825.
- 0695 *Fox, P.J. 1978. Caddis larvae (Trichoptera) as predators of fish eggs. Freshw. Biol. 8:343-346. BA67-33981; EA10-463; ASFA(1)9-2987; ZR115.
- 0696 *Fraley, J.J. 1979. Effects of elevated stream temperatures below a shallow reservoir on a cold water macroinvertebrate fauna. pp 257-272. *In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, N.Y.*

- 0697** ***Franz, H.P.** 1980. Limnologische Untersuchungen des Gewässersystems Dhron (Hunsrück). *Decheniana* 133:155-179. Germ., engl.
- 0698** ***Fredeen, F.J.H.** 1971. The abatement of nuisance species of Trichoptera with DDT applied to the resting sites of adults. *Can. Ent.* 103:579-588. BA52-95086; ASFA(1)1-3989.
- 0699** *_____. 1972. The temporary abatement of nuisance species of Trichoptera with DDD (TDE) larvicide. *Can. Ent.* 104:145-163. BA54-13317; EA3-7561; ASFA(1)2-7218.
- 0700** *_____. 1972. Reactions of the larvae of three rheophilic species of Trichoptera to selected insecticides. *Can. Ent.* 104:945-953. BA55-18872; EA4-260; ASFA(1)3-943.
- 0701** *_____. 1974. Test with single injections of methoxychlor Black Fly (Diptera: Simuliidae) larvicides in large rivers. *Can. Ent.* 106:285-305. BA58-42505; EA5-7506.
- 0702** *_____. 1975. Effects of a single injection of methoxychlor Black Fly larvicide on insect larvae in a 161-km (100 mile) section of the North Saskatchewan River. *Can. Ent.* 107:807-817. BA60-69844; EA6-7523.
- 0703** ***Fredeen, F.J.H., J.G.Saha, & M.H.Balba.** 1975. Residues of methoxychlor and other chlorinated hydrocarbons in water, sand, and selected fauna following injections of methoxychlor Black Fly larvicide into the Saskatchewan River, 1972. *Pestic. monit. J.* 8:241-246.
- 0704** ***Fredeen, F.J.H. & D.T.Spurr.** 1978. Collecting semi-quantitative samples of Black Fly larvae (Diptera: Simuliidae) and other aquatic insects from large rivers with the aid of artificial substrates. *Quaest. ent.* 14:411-432. Engl., engl., fr. BA67-7897; EA10-1291.
- 0705** ***Frempong, E. & B.Nijjhar.** 1973. Some preliminary observations on the fauna and flora of Barekese Lake, Ghana. *Bull. Inst. Fond. Afr. Noire, Ser. A Sci. nat.* 35(1):67-78. BA57-304 38.
- 0706** ***Friberg, F., L.M.Nilsson, C.Otto, P.Sjöström, B.W.Svensson, Bj.Svensson, & S.Ulfstrand.** 1977. Diversity and environments of benthic invertebrate communities in south Swedish streams. *Arch. Hydrobiol.* 81:129-154. BA66-7466.
- 0707** ***Friedrich, G. & K.N.Thome.** 1976. [Limnologic-geologic excursion in the territory of the lower Erft River.]. *Decheniana* 129:268-272. Germ. BA63-31522.
- 0708** ***Frost, S.** 1971. Evaluation of a technique for sorting and counting stream invertebrates. *Can. J. Zool.* 49:879-883.
- 0709** ***Frost, S., M.L.Mills, A.J.D.Ferguson, & M.P.Thomas.** 1972. Diurnal changes in plankton populations at the outflow of a Welsh lake. *Nature in Wales*, 14 pp. [Unnumbered].
- 0710** ***Frost, S.W., A.Huni, & W.E.Kershaw.** 1971. Evaluation of a kicking technique for sampling stream bottom fauna. *Can. J. Zool.* 49:167-173. ASFA(1)1-1690.
- 0711** ***Fuller, R.L. & R.J.MacKay.** 1980. Field and laboratory studies of net-spinning activity of *Hydropsyche* larvae (Trichoptera: Hydropsychidae). *Can. J. Zool.* 58:2006-2014. Engl., engl., fr. BA71-60138; EA12-5491; ASFA(1)11-10725.
- 0712** *_____. 1980. Feeding ecology of three species of *Hydropsyche* (Trichoptera: Hydropsychidae) in southern Ontario. *Can. J. Zool.* 58:2239-2251. Engl., engl., fr. BA72-8640; EA12-77 25; ASFA(1)11-15383.
- 0713** ***Fuller, R.L. & K.W.Stewart.** 1977. The food habits of Stoneflies (Plecoptera) in the upper Gunnison River, Colorado. *Environ. Ent.* 6:293-301. BA64-31584; EA8-8949.
- 0714** *_____. 1979. Stone Fly (Plecoptera) food habits and prey preference in the Dolores River, Colorado. *Amer. midl. Nat.* 101:170-181. BA68-33588.
- 0715** ***Fullner, R.W.** 1971. A comparison of macroinvertebrates collected by basket and modified multiple-plate samples. *J. Water Pollut. Contr. Fed.* 43:494-499. EA3-3052; ASFA(1)2-2969.
- 0716** **Furuya, Y.** 1974. [On the larvae of four Philopotamidae species (Trichoptera).]. *Gensei* (27): 7-10. Jap., engl. ZR111.
- 0717** ***Gale, W.F.** 1975. Bottom fauna of a segment of pool 19, Mississippi River, near Fort Madison, Iowa 1967-1968. *Iowa St. J. Res.* 49(4. part 1):357-372. BA60-42441; ASFA(1)5-137 31.
- 0718** ***Gallepp, G.** 1974. Diel periodicity in the behaviour of the Caddisfly *Brachycentrus americanus* (Banks). *Freshw. Biol.* 4:193-204. BA58-47967; EA6-1962; ZR111.

- 0719 *_____. 1974. Behavioral ecology of *Brachycentrus occidentalis* Banks during the pupation period (Trich., Brachycentridae). Ecology 55:1283-1294. BA59-42143; EA7-1611 & 2251; ZR111.
- 0720 *_____. 1975. The behavioural ecology of larval Caddisflies, *Brachycentrus occidentalis*. Dissert. Abs. int. (B) 35:4532. ZR113.
- 0721 *_____. 1976. Temperature as a cue for the periodicity of feeding of *Brachycentrus occidentalis* (Insecta, Trichoptera). Anim. Behav. 24:7-10. BA62-6915; EA7-2558; ZR113.
- 0722 *_____. 1977. Responses of Caddisfly larvae (*Brachycentrus* spp.) to temperature, food availability and current velocity. Amer. midl. Nat. 98:59-84. BA65-15241; ZR114.
- 0723 *_____. 1978. The Mayflies of North and Central America. By George F. Edmunds, Jr., Steven L. Jensen, and Lewis Berner. U. of Minnesota Press, Mineapolis, 1976. 330 pp. \$28.50. Larvae of the North American Caddisfly Genera (Trichoptera. By Glenn B. Wiggins. U. of Toronto Press, Toronto and Buffalo, 1977. 401 pp. \$25.00. Trans. Amer. Fish. Soc. 107:872-879. [Joint book reviews]. NABS.
- 0724 *Gallepp, G.W. & A.D. Hasler. 1975. Behavior of larval Caddisflies (*Brachycentrus* spp.) as influenced by marking (Trich., Sericostomatidae). Amer. midl. Nat. 93:247-254. EA7-1351; ZR112.
- 0725 *Gallup, D.N., M. Hickman, & J. Rasmussen. 1975. Effects of thermal effluent and macrophyte harvesting on the benthos of an Alberta lake. Verh. int. Ver. theor. angew. Limnol. 19: 552-561. ZR112.
- 0726 *Ganning, B. 1971. Studies on chemical, physical and biological conditions in Swedish rockpool ecosystems. Ophelia 9(1):51-105. BA54-25039.
- 0727 *Garcia de Jalon, D. 1977. The larva of *Larcasia partita* Navas (Trichoptera). Ann. Limnol. 13:221-226. Engl., engl., fr. BA66-71691.
- 0728 *_____. 1979. Estudio de las comunidades de macroinvertebrados especialmente del orden Trichoptera, del Rio Loyosa. Doct. thesis, Univ. Politecn. Madrid. ix+231 pp.
- 0729 *Garcia de Jalon, D. & R. Vera. 1978. La larva de *Schizoplex festiva* (Rambur, 1842) (Trich., Sericostomatidae). Bol. Asoc. Esp. Ent. 2:117-122. Span., span., engl. BA72-31814; ZR115.
- 0730 *Garside, A. 1979. A character separating the larvae of *Halesus radiatus* (Curtis) and *H. digitatus* (Schrank) (Trichoptera: Limnephilidae). Ent. Gaz. 30:137-140. NABS.
- 0731 *Gartman, D.K. & R.W. Lake. 1979. The effect of a thermal discharge on the benthos of a Virginia creek. Virginia J. Sci. 30:10-16. NABS.
- 0732 *Gasith, A. & J. Kugler. 1973. Bionomics of the Trichoptera of Lake Tiberias (Kinneret). Israel J. Ent. 8:55-67. BA58-31964; EA5-4471; ASFA(1)4-6871; ZR110.
- 0733 *Gaufin, A.R., R. Clubb, & R. Newell. 1974. Studies on the tolerance of aquatic insects to low oxygen concentrations. Gt Basin Nat. 34:45-59. BA58-50036; ZR111.
- 0734 *Gaufin, A.R. & S. Hern. 1971. Laboratory studies on tolerance of aquatic insects to heated waters. J. Kans. ent. Soc. 44:240-245. BA53-2476; EA3-4053; ASFA(1)2-3330.
- 0735 *Gaugler, R., D. Molloy, T. Haskins, & G. Rider. 1980. A bioassay system for the evaluation of Black Fly (Diptera: Simuliidae) control agents under simulated stream conditions. Can. Ent. 112:1271-1276. BA72-1893.
- 0736 *Geijskes, D.C. 1976. [A rare Caddisfly, *Ironoquia dubia* (Stephens, 1837), and its occurrence in the Netherlands (Trichoptera, Limnephilidae). Ent. Ber., Amsterdam 36:115-119. Dut., engl. BA63-9007; EA8-1551; ZR113.
- 0737 *Geijskes, D.C. & F.C.J. Fischer. 1971. Een nieuwe naamlijst van de Nederlandse Trichoptera met een faunistische literatuurlijst vanaf 1934. Ent. Ber., Amsterdam 31:235-244. Dut., engl. BA53-61135; EA3-6946; ZR109.
- 0738 *Geijskes, D.C. & L.W.G. Higler. 1980. Handleiding voor het projekt kokerjuffers of Scheitmotten (Trichoptera). Instructies voor medewerkers ETS-Nederland 5:1-24.
- 0739 *George, E.L. & W.F. Hadley. 1979. Food and habitat partitioning between Rock Bass (*Ambloplites rupestris*) and Smallmouth Bass *Micropterus dolomieu* young of the year. Trans. Amer. Fish. Soc. 108:253-261. BA69-15252.
- 0740 George, J.J. 1978. The freshwater fauna of Lundy. Rep Lundy Fld Soc., 29:46-48. ZR115.

- 0741** *Gerrish, N. & J.M.Bristow. 1979. Macroinvertebrate associations with aquatic macrophytes and artificial substrates. J. Gt Lks Res. 5:69-72. BRI(BA/RRM)18-2817.
- 0742** *Getzin, L.W. & J.E.Halfhill. 1976. Removal of insect contaminants from peas in the processing plant. J. econ. Ent. 69:647-651. BA63-14545.
- 0743** Gheorghe, M. 1972. [Hydrobiological observations on the River Riul Doamnei (District Aryes)]. Bull. Cercet. Piscic. 31(3/4):25-34. Russ., russ., engl., fr. BA59-1331.
- 0744** *Gianotti, F.S. & M.Mearelli. 1976. Effluente industriale e reazioni fisiche, chimiche e biologiche in un settore del Fiume Topino (Italia, Umbria). Riv. Idrobiol. 15:381-401.
- 0745** *Gibbs, D.G. 1973. The Trichoptera of Ghana. Deuts. Ent. Zeit., NF 20:363-424. BA58-14831; EA5-3460; ZR110.
- 0746** *Gibbs, K.E., C.R.Rabeni, J.G.Stanley, & J.G.Trial. 1979. The effects of a split application of sevin-4-oil on aquatic organisms. pp 53-106. In: Environmental monitoring of cooperative Spruce Budworm Control projects, Maine, 1978. Maine Dept Conservation, Bureau of Forestry, Augusta, Maine. NABS.
- 0747** *Gibson, H.R. & D.W.Chapman. 1972. Effects of zectran insecticide on aquatic organisms in Bear Valley Creek, Idaho. Trans. Amer. Fish. Soc. 101:330-344. BA55-18733; EA4-1677.
- 0748** *Gibson, R.J. & D.Galbraith. 1975. The relationships between invertebrate drift and salmonid populations in the Matamek River, Quebec, below a lake. Trans. Amer. Fish. Soc. 104:529-535. BA61-30597.
- 0749** *Giesen-Hildebrand, D. 1975. Die Planarienfauna der Siebengebirgsbäche. Decheniana 128:21-29. Germ., germ., engl.
- 0750** *Gilson, R.F. & A.Benson. 1979. Prey preference and size-selective predation by the Mottled Sculpin (*Cottus bairdi bairdi*). Proc. Pennsylvania Acad. Sci. 53:135-138. BA70-63339.
- 0751** *Gíslason, G.M. 1975. Ný Vorfluga (*Potamophylax cingulatus* (Stephens)) fundin á Íslandi. Náttúrufræðingurinn 44:9-13. Isl., engl. BA63-39218; ZR112.
- 0752** _____. 1977. Aspects of the biology of Icelandic Trichoptera, with comparative studies on selected species from Northumberland, England. PhD thesis, Univ. Newcastle/Tyne, England. 412 pp. [Available from British Lending Library, ref. D23109/78]. ASFA(1)11-15086; ZR119.
- 0753** * _____. 1978. Life cycle of *Limnephilus affinis* Curt. (Trichoptera: Limnephilidae) in Iceland and in Northumberland, England. Verh. int. Ver. theoret. angew. Limnol. 20:2622-2629. ASFA(1)8-3760; ZR115.
- 0754** * _____. 1978. Flight periods and ovarian maturation in Trichoptera in Iceland. Proc. int. Symp. Trich. 2:135-146. BRI17-15119; ZR114.
- 0755** * _____. 1978. Íslenskar Vorflugur (Trichoptera). A key to the adults of the Icelandic Trichoptera, with notes on their distribution and flight periods. Náttúrufræðingurinn 48:62-72. BRI17-59779; ZR115.
- 0756** * _____. 1979. Identification of Icelandic Caddis larvae, with descriptions of *Limnephilus fenestratus* (Zett.) and *L. picturatus* McL. (Trichoptera: Limnephilidae, Phryganeidae). Ent. Scand. 10:161-176. BA69-51510; EA11-4536.
- 0757** * _____. 1980. [The effect of pollution on the fauna of two thermal rivers in Iceland.]. Náttúrufræðingurinn 50:35-45.
- 0758** *Giudicelli, J. 1971. Monographie du genre *Thremma* (Trichoptera, Thremmatidae). Ann. Limnol. 7:125-139. BA54-31927; ASFA(1)2-1928; ZR108.
- 0759** * _____. 1973. Les Agapetinae en Provence (Trichoptera, Glossosomatidae): *Agapetus cravenensis*, espece nouvelle pour la science. Nouv. Rev. Ent. 3(1):33-38. Fr., engl. BA57-20704; EA5-5619; ZR110.
- 0760** * _____. 1975. [Analysis of endemism in the fauna from running waters in Corsica.]. Ecol. Med. 1:133-148. Fr., engl. BA65-69538; ZR115. [Abstr.].
- 0761** * _____. 1978. Contribution à la connaissance du genre *Sericostoma* (Trichoptera, Sericostomatidae). Etude de deux Espèces du sud de la France. Entomops (46):201-212. EA9-7374.
- 0762** *Giudicelli, J. & M.Dakki. 1980. [The species of *Agapetus* (Trichoptera, Glossosomatidae) of Morocco with description of two new species.]. Bijdr. Dierk. 50:227-234. Fr., engl. BA73-3510; EA12-6704.

- 0763 *Giudicelli, J., A.Dia, & P.Legier. 1980. Étude hydrobiologique d'une rivière de région Méditerranéenne, L'Argens (Var, France). Habitats, hydrochimie, distribution de la faune benthique. *Bijdr. Dierk.* 50:303-341. Fr., fr., engl. BA72-79498.
- 0764 *Giudicelli, J., Z.Moubayed, & J.N.Tourenq. 1980. [A remarkable hydrobiological biotope: the natural wells of Crau (north of the Rhône, France): the animal community and its relationships with the population of neighbouring aquatic biotopes.]. *Ann. Limnol.* 16:271-298. BA 72-30085.
- 0765 Givens, D.R. 1974. The western Arctopsychinae (Trichoptera: Hydropsychidae). *Proc. Washington St. ent. Soc.* (36):376. [Abstract]. ZR113.
- 0766 _____. 1975. Biology and taxonomy of the western Arctopsychinae (Trichoptera: Hydropsychidae). *Proc. Washington St. ent. Soc.* (37):391-393. ZR113.
- 0767 *Givens, D.R. & S.D.Smith. 1980. A synopsis of the western Arctopsychinae (Trichoptera: Hydropsychidae). *Melanderia* 35:1-24. BA71-74330.
- 0768 *Glenn, C.L. 1978. Seasonal growth and diets of young-of-the-year Mooneye (*Hiodon tergisus*) from the Assiniboine River, Manitoba. *Trans. Amer. Fish. Soc.* 107:587-589. BA67-20 867.
- 0769 *Glime, J.M. 1978. Insect utilization of Bryophytes. *Bryologist* 81:186-187.
- 0770 *Glime, J.M. & R.M.Clemons. 1972. Species diversity of stream insects on *Fontinalis* spp. compared to diversity on artificial substrates. *Ecology* 53:458-464.
- 0771 *Godfrey, P.J. 1978. Diversity as a measure of benthic macroinvertebrate community response to water pollution. *Hydrobiology* 57:111-112.
- 0772 *Goettl, J.P., N.F.Smith, & J.R.Sinley. 1972. Zinc, lead, and copper in aquatic insects from four Colorado streams. *J. Colorado-Wyoming Acad. Sci.* 7(2-3):90. BR19-4863.
- 0773 Goncharenko, A.E., N.F.Koval, & A.K.Tkachenko. 1978. [Data on the ecology of the Red-spotted Fire-bellied Toad (*Bombina bombina* L.) in the central part of the Yuzhnyy Bug River basin.]. *Vestn. Zool.* 2:46-56. Russ., russ. BA68-7847.
- 0774 *González, M.A. 1978. Descripción de *Thremma tellae* nov. sp. (Trich., Thremmatidae) de la península Ibérica. *Bol. Asoc. Esp. Ent.* 2:201-203. Span., span., engl. BA72-31816; ZR115.
- 0775 *_____. 1979. Observaciones sobre los tricópteros de la península Ibérica: I. *Bol. Asoc. Esp. Ent.* 3:219-223.
- 0776 *González, M.A. & H.Malicky. 1980. Eine neue *Hydropsyche* (Trichoptera: Hydropsychidae) von der Iberischen Halbinsel. *Ent. Zeits. m. Insektenbörse*, 90:28-32. EA11-7065.
- 0777 *_____. 1980. Eine neue *Allotrichia* (Trichoptera: Hydroptilidae) von der Iberischen Halbinsel. *Ent. Zeits. m. Insektenbörse* 90:214-216.
- 0778 *González, M.A. & J.C.Otero. 1980. [Description of *Adicella josephinae*, new species of the Iberian peninsula (Trichoptera, Leptoceridae).]. *Nouv. Rev. Ent.* 10:201-204. Span., span., fr. BA70-72032; EA12-156.
- 0779 *_____. 1980. [Description of the female of *Limnephilus wittmeri* Mal.]. *Nouv. Rev. Ent.* 10:101-103. Span., span., fr. EA12-3414.
- 0780 *_____. 1980(1981). Observaciones sobre los tricópteros de la península Ibérica: II. *Bol. Asoc. Esp. Ent.* 4:127-129. Span., fr. ZR118.
- 0781 *González, M.A. & L.S.W.Terra. 1979. Contribución al conocimiento de los *Philopotamus* Ibéricos (Trichoptera, Philopotamidae). *Bol. Asoc. Esp. Ent.* 3:163-172. Span., span., fr. BA 73-10286.
- 0782 *Gonzalez del Tanago, M., D.Garcia de Jalón, & I.M.Elcoro. 1979. Estudio sobre la fauna de macroinvertebrados de los Rios Cigiuela, Zancara y Corcoles: aplicacion de indices biologicos para el estudio de la calidad de sus aguas. *Bol. Estac. Cent. Ecol.* 8(15):45-59.
- 0783 *Gorayeb, I.S. & R.R.Pinger. 1978. Detecção de predadores naturais das larvas de *Simulium fulvinothum* Cerq. e Mello (Diptera, Nematocera).]. *Acta Amazonica* 8:629-638. Port., port., engl. BA70-29254.
- 0784 *Gordon, A.E. 1972. Descriptions of females of four species of *Cheumatopsyche* from the southern United States (Hydropsychidae, Trichoptera). *Proc. biol. Soc. Wash.* 85:279-286. BA56-26562; ZR109.

- 0785 *_____. 1973. A synopsis and phylogenetic outline of the nearctic members of *Cheumatopsyche*. Dissert. Abs. int. (B) 34:3279-13. PhD thesis, University of Georgia. 126 pp. ZR111.
- 0786 *_____. 1974. A synopsis and phylogenetic outline of the nearctic members of *Cheumatopsyche*. Proc. Acad. nat. Sci. Philadelphia 126:117-160. BA59-43895; EA8-4239; ASFA(1) 6-248; ZR111, 112.
- 0787 *Gordon, A.E. & S.D.Smith. 1974. A new species of *Cheumatopsyche* (Trichoptera, Hydropsychidae) from the northwestern United States. Not. Nat. (450):1-3. BA58-50233; EA6-2379; ZR119.
- 0788 *Gordon, A.E. & J.B.Wallace. 1975. Distribution of the family Hydropsychidae (Trichoptera) in the Savannah River basin of North Carolina, South Carolina, and Georgia. Hydrobiologia 46:405-423. BA60-59681; EA7-6453; ASFA(1)5-9817; ZR112.
- 0789 *Gordon, D.P. & W.J.Ballantine. 1976. Cape Rodney to Okakirt Point marine Reserve. Review of knowledge and bibliography to December 1976. Tane, Suppl. 22:1-146. ZR113.
- 0790 *Gore, J.A. 1977. Reservoir manipulations and benthic macroinvertebrates in a prairie river. Hydrobiologia 55:112-124. BA65-32657.
- 0791 *_____. 1978. A technique for predicting in-stream flow requirements of benthic macroinvertebrates. Freshw. Biol. 8:141-151.
- 0792 *_____. 1979. Patterns of initial benthic recolonization of a reclaimed coal strip-mined channel. Can. J. Zool. 57:2429-2456.
- 0793 *_____. 1980. Ordinal analysis of benthic communities upstream and downstream of a prairie storage reservoir. Hydrobiologia 69:33-44.
- 0794 *Göthberg, A. 1972. Trichoptera. 3 pp. [unnumbered]. In: Insektfångster i Abisko 1971. Ber. ökol. Stn Messaure, 15.
- 0795 *_____. 1972. Gerichtete Flugbewegungen von Insekten an fliessenden Gewässern. Aquilo, Ser. Zool. 13:5-7. Germ., engl.
- 0796 *_____. 1973. Trichopterer i Messaure - området. Ber. ökol. Stn Messaure 25:1-5.
- 0797 *_____. 1973. Dispersal of lotic Trichoptera from a north Swedish stream. Aquilo, Ser. Zool. 14:99-104. EA5-5973; ASFA(1)4-9287; ZR110.
- 0798 *_____. 1973. [Flight activity of Trichoptera at Ricklä.]. Zool. Revy 35:125-130. Swed., engl. BA60-9297; EA7-5585; ZR110.
- 0799 *_____. 1974. Nattsländor (Trichoptera) i Messaureområdet. Norrbottens Nat. 30(1):39-45.
- 0800 *_____. 1974. Trichoptera och Plecoptera från två ljusfallor vid sjöarna Skalka och Randijaure, nordväst om Jokkmokk. Ber. ökol. Stn Messaure, 14:1-17.
- 0801 *_____. 1974. Nattsländor (Trichoptera) i Messaureområdet. Norrbottens Nat. småskr. 1: 1-7. Swed., engl.
- 0802 *_____. 1976. Tillskott till trichopterfaunan i Lule Lappmark sedan 1953. Entomologen 5: 33-34. Swed., engl. ZR114.
- 0803 *_____. 1978. Diel flight activity of some Trichoptera in northern Sweden. Proc. int. Symp. Trich. 2:147. BR117-15120.
- 0804 *_____. 1978. Flygaktivitetens dygnsrytmik hos några Trichopterararter i norra Sverige. Norsk ent. Tidsskr. 25:108-109. STOKK.
- 0805 *Göthberg, A. & U.Karlström. 1975. Ecological research in running waters in northern Sweden. Presentation from the Rickleå Field Station. Rep. Rickleå Fld Stn 64:1-29.
- 0806 Gottfried, P.K. 1980. Changes in benthic community structure in east Tennessee streams as influenced by coal strip mining. pp 43-44. In: North American Benthological Society, Spec. Symp.
- 0807 *Gower, A.M. 1973. The life cycle and larval growth of *Drusus annulatus* Stephens (Trichoptera: Limnephilidae) in a mountain stream. J. Ent. (A) 47:191-199. BA56-49747; EA4-4658; ZR110.
- 0808 *Grabda-Kazubska, B. 1971. Life cycle of *Pleurogenes claviger* (Rudolphi, 1819) (Trematoda, Pleurogenidae). Acta Parasitol. Pol. 19(29-41):337-348. BA54-8851.

- 0809 *_____. 1972. Studies on the life cycle of *Pleurogenes hepatocola* Grabda-Kazubska, 1972 (Trematoda, Pleurogenidae) with observations on growth and maturation of adults. Acta Parasitol. Pol. 20(40-52):499-508. BA56-14882.
- 0810 **Grafius, E.J.** 1977. Bioenergetics and strategies of some Trichoptera in processing and utilizing allochthonous materials. PhD thesis, Oregon State Univ. 198 pp. ZR114.
- 0811 ***Grafius, E.J. & N.H.Anderson.** 1979. Population dynamics, bioenergetics, and role of *Lepidostoma quercina* (Trichoptera, Lepidostomatidae) in an Oregon, USA, woodland stream. Ecology 60:433-441. BA69-1480; EA11-1863.
- 0812 *_____. 1980. Population dynamics and role of two species of *Lepidostoma* (Trichoptera: Lepidostomatidae) in an Oregon coniferous forest stream. Ecology 61:808-816. EA12-4858.
- 0813 ***Graham, M.W.R. de V.** 1979. "Ambulator": Francis Walker, English Entomologist (1809-1874). Ent. Gaz. 30:7-20. NABS.
- 0814 ***Gray, J.R.A.** 1975. Caddis Fly records for Leicestershire. Trans. Leicester lit. phil. Soc. 69: 22-27. ZR112.
- 0815 *_____. 1978. The Caddis-flies (Trichoptera) in Bradford Museum, England, UK, collections. Naturalist 103:27-30. BRI(BA/RRM)18-4930.
- 0816 ***Gray, L.J. & J.V.Ward.** 1977. Potential effects of oil shale extraction activities on macroinvertebrates of Piceance and Black Sulphur Creeks, Colorado. Environ. Res. Pap. Colorado State Univ. 10, 18 pp.
- 0817 *_____. 1978. Environmental effects of oil shale mining and processing. Part II. The aquatic macroinvertebrates of the Piceance basin, Colorado, prior to oil shale processing. U.S. Environ. Protect. Agency EPA-600/3-78-097. 40 pp. NABS.
- 0818 *_____. 1979. Food habits of stream benthos at sites of differing food availability. Amer. midl. Nat. 102:157-167. BA69-1508.
- 0819 ***Gray, R.H. & D.D.Dauble.** 1976. New distribution records and notes on life history and behaviour of the Sand Roller *Percopsis transmontana*. Syesis 9:368-370. BRI13-85790.
- 0820 *_____. 1979. Biology of the Sand Roller (*Percopsis transmontana*) in the central Columbia River, USA. Trans. Amer. Fish. Soc. 108:646-649. BRI(BA/RRM)18-43375.
- 0821 ***Graynoth, E.** 1979. Effects of logging on stream environments and faunas in Nelson, New Zealand. NZ J. mar. freshw. Res. 13:79-110. BA69-63541.
- 0822 ***Greenfield, J.P. & M.P.Ireland.** 1978. A survey of the macrofauna of a coal-waste polluted Lancashire fluvial system. Environ. Pollut., Ser. A 16:105-122. BA66-57147.
- 0823 ***Griffith, J.S., Jr.** 1974. Utilization of invertebrate drift by Brook Trout (*Salvelinus fontinalis*) and Cutthroat Trout (*Salmo clarki*) in small streams in Idaho. Trans. Amer. Fish. Soc. 103:440-447. BA58-65706.
- 0824 ***Gritsenko, O.F. & A.A.Churikov.** 1977. [Biology of the Char of the genus *Salvelinus* and their role in bay ichthyocenoses in the southwest Sakhalin Oblast: II. Nutrition.]. Vopr. Ikhtiol. 17:668-676. Russ. BA65-51281.
- 0825 **Gubanova, I.F., V.I.Demidova, & N.M.Gorelikova.** 1975. [Epi-fauna of the submerged wood of the Kama Reservoir.]. Uch. Zap. Perm. Im. A.M.Gor'kovo 338:153-156. Russ. [From Ref. Zh. Biol. 1976. 1U315]. BRI12-65025.
- 0826 ***Guenther, K.-U.** 1976. Hydrobiologische Studien an vier kleineren Fließgewässern in Schleswig-Holstein (Salgau, Huettener Au, Kossau, und Osterau). Schr. Naturwiss. Ver. Schlesw.-Holst. 46:13-34. ASFA(1)7-16464.
- 0827 ***Guignard, J.-P., W.Aellen, & P.Strinati.** 1974. [The cave of the Sauge Forest. Inventory of the cavernicolous fauna.]. Bull. Soc. Vaudoise Sci. nat. 72(1):1-8. Fr. BA61-13065.
- 0828 ***Guma'a, S.A.** 1978. The food and feeding habits of young *Perca fluviatilis* in Windermere. Freshw. Biol. 8:177-189. NABS.
- 0829 ***Gümbel, D.** 1976. Emergenz-Vergleich zweier Mittelgebirgsquellen 1973. Arch. Hydrobiol., Suppl. 50:1-53. Germ., engl. ASFA(1)6-7578; ZR115.
- 0830 **Gupta, S.D.** 1976(1977). Macroinvertebrate fauna of Loni Reservoir. J. inl. Fish. Soc. India 8:49-59. ZR114.

- 0831 *Guthrie, P.A., R.L.Newell, & A.E.Wells. 1978. Benthic macroinvertebrates of the Renner-Beaver Bay area, Lake Sakakawea, North Dakota. Proc. N. Dakota Acad. Sci. 32:10-19. ZR 115.
- 0832 *Guziur, J. 1976. The feeding of two-year-old Carp (*Cyprinus carpio* L.) in a vendace Lake Klawoz. Ekol. Polska 24:211-235. Engl., engl., pol. BA63-43906.
- 0833 *Guziur, J. & S.Wielgosz. 1975. The influence of various numbers of Carp stock (*Cyprinus carpio* L.) on the distribution of macrobenthos in Lake Klawoz. Acta Hydrobiol. 17:53-69. Engl., pol.
- 0834 Gyurkó, St. & Z.I.Nagy. 1971. Aspecte ale nutriției și ale relațiilor trofice la Szglavoaca (*Cottus gobio* L.) din riul Mimes. Bul. Cercet. Piscic. 30(1):27-35. ASFA(1)2-2869.
- 0835 *_____. 1971. [Distribution, structure and trophic relationships of the fish populations of the upper course of the Muresh River.]. Stud. Cercet. Piscic. Inst. Cercet. Proiect. Aliment. 4: 311-348. Rom. BA55-42303. [Abstr.].
- 0836 *Hagge, P. 1971. A study of the feeding habits of larvae of *Limnephilus marmoratus* Curtis (Trichoptera) living in the *Fucus*-belt of the northern part of the Baltic. Hydrobiologia 37: 253-265. BA52-119668; EA2-7373; ASFA(1)1-2626; ZR108.
- 0837 *Haase, R. & B.L.Haase. 1975. Feeding ecology of the Cutlips Minnow, *Exoglossum maxilingua*, in the Delaware River at Buckhill, Pennsylvania, USA. Proc. Pennsylvania Acad. Sci. 49:67-72. BRI12-82125.
- 0838 *Habdija, I. 1971. Prilog poznavanju ekoloških uvjeta trichopterske ličinke *Rhyacophila fasciata* Hag. u medvedničkim potocima. Ekologija, Acta biol. Iugoslavica, Beograd 6(1): 127-135. Serb.[?], serb.[?], germ.
- 0839 *_____. 1975. [Effect of some integral components of detergents on the behaviour, mortality and damage of gills of the larvae of the species *Rhyacophila fasciata* Hag. (Trichoptera)]. Glas. Repub. Zavoda Zast. Prir. Muz Titograda, Jugoslavia 8:51-59. Serb.-Croat., germ. BA62-34725.
- 0840 *_____. 1979. Ličinke Trichoptera kao indikatori ekoloških prilika u bentosdu krških voda. Assoc. ecol. Soc. Jugoslaviye, Zagreb 2:1433-1446. Serb.[?], serb.[?], germ., germ.
- 0841 *Haddock, J.D. 1972. The biosystematics of the Caddis Fly genus *Leptocella* in North America with emphasis on the aquatic stages. Dissert. Abs. int. (B) 32:994. ZR109.
- 0842 *_____. 1977. The biosystematics of the Caddis Fly genus *Nectopsyche* in North America with emphasis on the aquatic stages. Amer. midl. Nat. 98:382-421. BA65-39811; ZR114.
- 0843 *_____. 1977. The effect of stream current velocity on the habitat preference of a net-spinning Caddis Fly larva, *Hydropsyche oslari* Banks. Pan-Pac. Ent. 53:169-174. BA65-575 98; EA9-3828; ASFA(1)8-6577; ZR114.
- 0844 *_____. 1977. Larval morphology, behaviour and distribution: useful tools in the separation of two closely related *Nectopsyche* Caddis Flies. Pan-Pac. Ent. 53:253-257. BA65-65267; EA9-8304; ZR114.
- 0845 *Hagen, A. & A.Langeland. 1973. Polluted snow in southern Norway and the effect of the meltwater on freshwater and aquatic organisms. Environ. Pollut., Ser. A 5(1):45-57.
- 0846 Haguenoer, M. 1979. Les phryganes. Courier Nat. (64):35-38. ZR116.
- 0847 *Hailstone, T.S., R.Monroe, & J.Davie. 1978. Aquatic invertebrates of the Brisbane River catchment. Proc. r. Soc. Queensland 89:107-120.
- 0848 *Hall, D.W. & E.J.Hazard. 1973. A nuclear polyhedrosis virus of a Caddisfly, *Neophylax* sp. J. invert. Pathol. 21:323-324. BA57-31462; ZR110.
- 0849 *Hamilton, K.G.A. 1972. The insect wing, part III. Venation of the orders. J. Kans. ent. Soc. 45:145-162.
- 0850 *Hamilton, R.W. 1976. Lethal levels of sodium chloride and potassium chloride on *Nais variabilis* (Oligochaeta, Naididae), *Cricotopus trifascia* (Diptera, Chironomidae) and *Hydroptila angusta* (Trichoptera, Hydroptilidae) of Lake Michigan. Proc. N. Cent. Bch ent. Soc. Amer. 31:26. [Abstract]. BRI13-89346.
- 0851 *Hamilton, R.W., J.K.Buttner, & R.G.Brunetti. 1975. Lethal levels of sodium chloride and potassium chloride for an oligochaete, a chironomid midge, and a Caddisfly of Lake Michigan. Environ. Ent. 4:1003-1006. BA61-28963; EA7-5476; ZR112.

- 0852** ***Hamilton, S.W. & G.A.Schuster.** 1978. Hydroptilidae from Kansas (Trichoptera). Ent. News 89:201-205. BA67-67676; EA10-2127; ZR115.
- 0853** *_____. 1979. Records of Trichoptera from Kansas, II: the families Glossosomatidae, Helicopsychidae, Hydropsychidae and Rhyacophilidae. Tech. Publ. St. biol. Surv. Kansas 8:15-22. BA68-62162.
- 0854** *_____. 1980. Records of Trichoptera from Kansas, III: the families Limnephilidae, Phryganeidae, Polycentropodidae, and Sericostomatidae. Tech. Publ. St. biol. Surv. Kansas 9:20-29.
- 0855** *_____. 1980. Notes on the taxonomy and biology of *Phylocentropus* (Trichoptera: Polycentropodidae). J. Kans. ent. Soc. 53:586. [Abstract]. EA12-1534; BRI(BA/RRM)19-56737 [incorrect pagination].
- 0856** **Hancock, E.G. & J.R.A.Gray.** 1975. Some insects from light-traps set at Leighton Moss. Nature Lancashire 5:19-26. ZR112.
- 0857** ***Hansell, M.H.** 1972. Case building behaviour of the Caddis Fly larva, *Lepidostoma hirtum*. J. Zool. 167:179-192. BA54-66669; ASFA(1)2-9241; ZR109.
- 0858** *_____. 1973. Improvement and termination of house building in the Caddis larva *Lepidostoma hirtum* Curtis. Behaviour 46:141-153. BA57-64403; EA5-2147; ZR110.
- 0859** *_____. 1973. A laboratory practical on the house building behaviour of Caddis larvae. J. biol. Ed. 7:3-7. ZR111.
- 0860** *_____. 1974. The house building of Caddis larvae: a source of projects for schools. J. biol. Ed. 8:88-98. EA5-6813; ZR111.
- 0861** *_____. 1974. Regulation of building unit size in the house building of the Caddis larva *Lepidostoma hirtum*. Anim. Behav. 22:133-143. BA58-35246; EA5-4915; ZR111.
- 0862** *_____. 1974. Differences in house panel orientation dependant on leaf type in the house of the Caddis larvae, *Lepidostoma hirtum*. Rev. Comporte. anim. 8:320-325. Engl., fr., germ. ASFA 1 an 5227938; ZR111.
- 0863** *_____. 1976. A progress report on some approaches to the study of larval house building with particular reference to *Lepidostoma hirtum*. Proc. int. Symp. Trich. 1:181-184. EA7-6800; BRI12-62067; ZR113.
- 0864** ***Hanson, D.L. & T.F.Waters.** 1974. Recovery of standing crop and production rate of a Brook Trout population in a flood-damaged stream. Trans. Amer. Fish. Soc. 103:431-439.
- 0865** **Hardman, C., M.Arcuri, K.Bledsoe, S.Lawton, J.Schramm, G.Tolley, & D.Tarter.** 1980. A limnological investigation of the fishes, benthos and water quality of the West Fork of Twelvepole Creek, Mingo and Wayne Counties, West Virginia, USA. Proc. W. Virginia Acad. Sci. 52:66-74. BRI(BA/RRM)22-1567.
- 0866** ***Harman, T.W.** 1977. *Limnephilus hirsutus* Pic. (Trichoptera: Limnephilidae) in Kent. Ent. Rec. J. Var. 89:316. EA9-2460; BRI15-815; ZR114. [See 90:37 for correction].
- 0867** ***Harp, G.L. & R.S.Campbell.** 1964. Effects of the herbicide Silvex on benthos of a farm pond. J. Wildl. Manage. 28:308-317.
- 0868** ***Harp, G.L. & P.A.Harp.** 1980. Aquatic macroinvertebrates of Wapanocca National Wildlife Refuge, Arkansas. Proc. Arkansas Acad. Sci. 34:115-117. BRI(BA/RRM)22-13976.
- 0869** ***Harper, P.P.** 1973. *Hydroptila eramosa* a new Caddis Fly from southern Ontario (Trichoptera, Hydroptilidae). Can. J. Zool. 51:393-394. Engl., engl., fr. BA56-37808; EA4-5093; ZR110.
- 0870** *_____. 1976. [*Oxyethira barnstoni* n. sp., a new Trichoptera of Radissonie, Québec (Hydroptilidae)]. Ann. Soc. ent. Québec 21:35-38. BA62-49154; ZR113.
- 0871** *_____. 1978. Larvae of the North American Caddisfly genera (Trichoptera). Book Review. Can. fld Nat. 92:311-312. NABS.
- 0872** ***Harper, P.P. & G.Méthot.** 1975. *Goera radissonica* n. sp., nouveau trichoptère de la région de la Baie James. Nat. Can. 102:593-595. Fr., fr., engl. BA61-55709; EA7-1931; ZR112.
- 0873** ***Harper, P.P., J.-G.Pilon, & J.-M.Perron.** 1975. Insectes aquatiques du nord du Québec (éphéméroptères, odonates, plécoptères et trichoptères). Ann. Soc. ent. Québec 20:33-43. BA 59-61748; ZR112.

- 0874** **Harris, S.C.** 1978. Distribution of insects in sandhill springbrooks of southeastern North Dakota. PhD thesis, N. Dak. State Univ., Fargo. 239 pp.
- 0875** ***Harris, S.C. & B.Carlson.** 1976. Influence of Beaver activity on aquatic insects. Proc. N. Cent. Bch ent. Soc. Amer. 31:26. BRI13-89347.
- 0876** _____. 1977. Distribution of Hydropsychidae (Trichoptera) in sandhill streams of North Dakota, USA. Proc. N. Dakota Acad. Sci. 31:11. BRI15-6932.
- 0877** *_____. 1977. New records for Trichoptera in North Dakota. Ent. News 88:217. BA65-39 821; ZR114.
- 0878** *_____. 1978. Distribution of Hydropsychidae (Trichoptera) in sandhill streams of southeastern North Dakota, USA. Proc. N. Dakota Acad. Sci. 31:23-27. BRI16-52857; ZR115.
- 0879** ***Harris, S.C., R.W.Katayama, & R.B.Carlson.** 1978. New Trichoptera records from North Dakota. Ent. News 89:142. BA67-9677; EA10-2693; ZR115.
- 0880** ***Harris, S.C., P.K.Lago, & R.B.Carlson.** 1980. Preliminary survey of the Trichoptera of North Dakota, USA. Proc. ent. Soc. Wash. 82:39-43. BA69-72435; EA11-7725.
- 0881** ***Harris, T.L.** 1971. Crepuscular flight periodicity of Trichoptera. J. Kans. ent. Soc. 44:295-301. BA53-18361; EA3-7409; ASFA(1)2-6928; ZR108.
- 0882** *_____. 1972. A morphological and evolutionary study of the preventriculi of Hydropsychidae (Trichoptera). Dissert. Abs. int. (B) 32:5232. BRI8-98400.
- 0883** **Harris, T.L. & T.M.Lawrence.** 1978. Environmental requirements and pollution tolerance of Trichoptera. U.S. environ. Protect. Agency EPA-600/4-78-063. 310 pp. NABS.
- 0884** ***Harris, T.L. & W.P.McCafferty.** 1977. Assessing aquatic insect flight behaviour with sticky traps. Gt Lks Ent. 10:233-239. EA9-4407; ZR114.
- 0885** ***Harrison, A.D. & K.H.Barnard.** 1972. The stream fauna of an isolated mountain massif; Table Mountain, Cape Town, South Africa. Trans. r. Soc. S. Afr. 40(3):135-153.
- 0886** ***Harrison, A.D. & J.J.Rankin.** 1974. The composition and density of the stream fauna of St-Vincent, West Indies, in relation to litter from rain forest. p. 80. *In: XIX Congr., Int. Assoc. Limnol. ed. K.E.Marshall.* [Abstract]. BRI11-90336.
- 0887** *_____. 1975. Forest litter and stream fauna on a tropical island, St Vincent, West Indies. Verh. int. Ver. theoret. angew. Limnol. 19:1736-1745.
- 0888** *_____. 1976. Hydrobiological studies of eastern Lesser Antillean islands. II. St. Vincent: Freshwater fauna - its distribution, tropical river zonations and biogeography. Arch. Hydrobiol., Suppl. 50:275-311.
- 0889** **Harrison, E.A.** 1976. Bioindicators of pollution (a bibliography of abstracts). Nat. tech. Info. Service, Springfield, USA NITS/PS-76/0868/OPSF. 194 pp. NABS.
- 0890** ***Hart, D.D.** 1978. Diversity in stream insects: regulation by rock size and microspatial complexity. Verh. int. Ver. theoret. angew. Limnol. 20:1376-1381. NABS.
- 0891** ***Hart, D.D. & V.H.Resh.** 1980. Movement patterns and foraging ecology of stream Caddis Fly larvae. Can. J. Zool. 58:1174-1185. Engl., engl., fr. BA70-56478; EA12-1904.
- 0892** ***Hart, D.S. & M.A.Brusven.** 1976. Comparison of benthic insect communities in six small Idaho batholith streams. Melanderia 23:1-39.
- 0893** ***Hasenfuss, I.** 1973. Vergleichend-morphologische Untersuchung der sensorischen Innervierung der Rumpfwand der Larven von *Rhyacophila nubila* Zett. (Trichoptera) und *Galleria mellonella* L. (Lepidoptera). Ein Beitrag zum Problem der Homologie und Homonomie ihrer larvalen Sensillenmuster. Zool. Jb. Abt. Anat. Ontog. Tiere 90:1-54; 175-253. EA5-163; ASFA(1)3-6934; ZR110.
- 0894** ***Haufe, W.O., K.R.Depner, & W.A.Charnetski.** 1980. Impact of methoxychlor on drifting aquatic invertebrates. pp 159-168. *In: Control of Black Flies in the Athabasca River.* Tech. Rep., Pollution Contr. Div., Alberta Environment, Edmonton, Alberta. eds Haufe & Croome.
- 0895** ***Haufe, W.O., K.R.Depner, & G.C.Kozub.** 1980. Parameters for monitoring displacement of drifting aquatic invertebrates. pp 169-181. *In: Control of Black Flies in the Athabasca River.* Tech. Rep. Pollution Control Div., Alberta Environment, Edmonton, Alberta. eds Haufe & Croome.
- 0896** **Haukebo, T.** 1977. Vårfluelarver (Trichoptera 1.). Kgl. Norske vidensk. selsk. Mus. Rapport, Ser. Zool. (18):39-41. [Vol. title: Kobbelv- og Sørfjordvassdræfet i Sørfold og Hamarøy

- kommuner: foreløpig rapport fra ferskvannsbiologiske undersøkelser i 1977. eds Koksvik & Dalen]. STOKK.
- 0897** _____. 1980. Den bentiske evertbratfauna i Forra-vassdraget, med hovedvekt på gruppene Ephemeroptera, Plecoptera og Trichoptera. Thesis, Univ. Trondheim. xxx pp. STOKK.
- 0898** ***Hegdekar, B.M. & A.P.Arthur.** 1973. Host hemolymph chemicals that induce oviposition in the parasite *Itopectis conquisitor* (Hymenoptera: Ichneumonidae). Can. Ent. 105:787-793. BA57-20261; EA4-7450.
- 0899** ***Helfrich, L.A.** 1978. The effects of rotenone on the macrobenthic invertebrates of a Pennsylvania, USA, stream. Virginia J. Sci. 29:61. [Abstract]. BRI(BA/RRM)18-41070.
- 0900** *_____. 1978 (OR 1979 ??). Effects of Rotenone on macrobenthic invertebrates of a Pennsylvania stream. Proc. ann. Conf. SE Assoc. Fish. Wildl. Agencies 32:401-408.
- 0901** ***Hellawell, J.M.** 1972. The growth, reproduction and food of the Roach *Rutilus rutilus* (L.), of the River Lugg, Herefordshire. J. Fish. Biol. 4:469-486.
- 0902** _____. 1978. Biological surveillance of rivers. A biological monitoring handbook. Nat. environ. Res. Council, England. 332 pp. TN.
- 0903** ***Hemsworth, R.J. & M.P.Brooker.** 1979. The rate of downstream displacement of macroinvertebrates in upper Wye, Wales, UK. Holarct. Ecol. 2:130-136. BA69-56680.
- 0904** ***Henricson, J. & K.Müller.** 1979. Stream regulation in Sweden with some examples from central Europe. pp 183-199. In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, N.Y.
- 0905** ***Herbst, G.N.** 1980. Effect of burial on food value and consumption of leaf detritus by aquatic invertebrates in a lowland forest stream. Oikos 35:411-424. Engl., engl., russ. BA71-298 85.
- 0906** ***Herbst, H.V.** 1966. Limnologische Untersuchungen von Tagebaugewässern in den Rekultivierungsgebieten der Braunkohl-Industrie in Kölner Raum. Mit einem Beitrag über den Bodenaufbau in Braunkohlentagebauegebiet Liblar-Brühl von H.W.Quitow. Minist. f. Ernährung, Landwirtschaft u. Forsten, Nordrhein-Westfalen.
- 0907** **Herbst, H.V. & V. Herbst.** 1978. Die Gelpe - zur Limnologie eines Bachsystems. JahrBer. Naturwiss. Ver. Wuppertal 31:95-104. BerRob.
- 0908** ***Herman, S.G. & J.B.Bulger.** 1979. Effects of a forest application of DDT on nontarget organisms. Wildl. Manage. (69):5-62.
- 0909** ***Herricks, E.E.** 1977. Recovery of streams from chronic pollutional stress - acid mine drainage. pp 43-71. In: Recovery and restoration of damaged ecosystems. eds Cairns & Herricks. Univ. Virginia Press, Charlottesville. NABS.
- 0910** ***Herricks, E.E. & A.S.Buikima.** 1977. Effects of pollution on freshwater invertebrates. J. Water Pollut. Contr. Fed. 49:1494-1506. NABS.
- 0911** ***Herricks, E.E. & J.Cairns, Jr.** 1974. Rehabilitation of streams receiving acid mine drainage. Virginia Water Resources Res. Cent. Bull. 66, viii+284 pp. BA59-65570.
- 0912** *_____. 1974-1976. The recovery of stream macrobenthos from pH stress. Rev. Biol. 10 (1-4):1-11.
- 0913** *_____. 1977. The effects of lime neutralization of acid mine drainage on stream ecology. Purdue indust. Waste Conf. (32):1-23.
- 0914** **Hertkorn-Obst, U. & W.Besch.** 1980. Toxische Faktoren im Freiwasser des Neckars. pp 230-288. In: Untersuchungen über den Gewässergütezustand des Neckars. Publ. by: Landesamst. Umweltschutz, Karlsruhe, West Germany. Stud. Gewässerschutz 4. ASFA(1)12-6487.
- 0915** **Heuss, K.** 1976. Untersuchungen zur Bewertung von Verfahren der biologischen Gewässer-Beurteilung. Schr. R.L.W.A.N.W. 36:1-177. BerRob.
- 0916** ***Higler, L.W.G.** 1971. Makrofauna in de Linde en enige petgaten van de Lindevalle. Med. Hydrobiol. Verenig. 5:126-141.
- 0917** *_____. 1971. Water management in nature reserves. pp 311-315. In: The scientific management of animal and plant communities for conservation. 11th Symp. British ecol. Soc., 1970. eds Duffey & Watt. Blackwell Sci. Publ.

- 0918 * _____. 1974. The biological assessment of bodies of water by means of the macrofauna: introductory notes. *Hydrobiol. Bull.* 8:285-287.
- 0919 * _____. 1974. *Oxyethira fischeri* n. sp. A new *Oxyethira* species from Madeira (Trichoptera: Hydroptilidae). *Ent. Ber.*, Amsterdam 34:62-63. BA60-61791; EA6-198; ASFA(1)4-10280; ZR111.
- 0920 * _____. 1974. In memoriam F.C.J.Fischer. *Ent. Ber.*, Amsterdam 34:21-23. EA6-518; ZR 111.
- 0921 * _____. 1975. Reactions of some Caddis larvae (Trichoptera) to different types of substrate in an experimental stream. *Freshw. Biol.* 5:151-158. BA60-24532; EA7-6459; ASFA(1)6-4104; ZR112.
- 0922 * _____. 1975. Analysis of the macrofauna-community on *Stratiotes* vegetations. *Verh. int. Ver. theoret. angew. Limnol.* 19:2773-2777.
- 0923 * _____. 1975. [The composition of the benthic fauna of a cross section of the Clamouze stream (Haute Auvergne, France). *Ann. Stn. biol. Besse-en-Chandesse* 9:219-224. BA63-140 53.
- 0924 * _____. 1976. De macrofauna van het Hol te Kortenhoef. pp 197-215. *In: De Noordelijke Vechtplassen. eds Bakker et al. Stichting Commissie voor de Vecht en het Oostlijk en Westlijk Passengebied, Holland.*
- 0925 * _____. 1976. Observations on the macrofauna of a Dutch ditch. *Hydrobiol. Bull.* 10:66-73.
- 0926 * _____. 1977. Inleiding tot de kennis van de ongewervelde zoetwaterdieren en hun milieu. *Wetenschappelijke Med. k. Ned. natuurh. Veren.* (103):1-40. ZR111.
- 0927 * _____. 1977. Macrofauna-cenoses on *Stratiotes* plants in Dutch broads. *Verh. Rijkinst. v. Natuurbeheer* 11:3-86. ZR114.
- 0928 * _____. 1978. Observations on Caddis larvae in *Stratiotes* vegetation. *Proc. int. Symp. Trich.* 2:309-315. BRI17-15141; ZR114.
- 0929 * _____. 1979. Limnological data on a Dutch moorland pool through sixty years. *Hydrobiol. Bull.* 13:138-143.
- 0930 * _____. 1980. The presence of Caddis Flies in the Netherlands and their role in the aquatic system. *Hydrobiol. Bull.* 14:209-211. EA13-1574; ASFA(1)12-3107.
- 0931 *Hildebrand, S.G. 1971. The effect of Coho spawning on the benthic invertebrates of the Platte River, Benzie County, Michigan. *Trans. Amer. Fish. Soc.* 100:61-68. ZR108.
- 0932 * _____. 1974. The relation of drift to benthos density and food level in an artificial stream. *Limnol. Oceanogr.* 19:951-957. BA59-53875.
- 0933 *Hildebrand, S.G., R.H.Strand, & J.W.Huckabee. 1980. Mercury accumulation in fish and invertebrates of the North Fork Holston River, Virginia and Tennessee, USA. *J. environ. Qual.* 9:393-400.
- 0934 *Hildrew, A.G. 1978. Ecological aspects of life history in some net-spinning Trichoptera. *Proc. int. Symp. Trich.* 2:269-281. BRI17-15136; ZR114.
- 0935 *Hildrew, A.G. & J.M.Edington. 1979. Factors facilitating the coexistence of hydropsychid Caddis larvae (Trichoptera) in the same river system. *J. anim. Ecol.* 48:557-576. BA69-8618; EA11-1994; ASFA(1)10-3472.
- 0936 *Hildrew, A.G. & J.C.Morgan. 1974. The taxonomy of the British Hydropsychidae (Trichoptera). *J. Ent. (B)* 43:217-229. BA62-8761; EA6-2377; ZR112.
- 0937 *Hildrew, A.G. & C.R.Townsend. 1976. The distribution of two predators and their prey in an iron rich stream. *J. anim. Ecol.* 45:41-57. BA64-31597; ZR113.
- 0938 * _____. 1977. The influence of substrate on the functional response of *Plectrocnemia conspersa* (Curtis) larvae (Trichoptera: Polycentropodidae). *Oecologia*, 31:21-26. BA65-51294; EA9-2947; ZR114.
- 0939 * _____. 1980. Aggregation, interference and foraging by larvae of *Plectrocnemia conspersa* (Trichoptera: Polycentropodidae). *Anim. Behav.* 28:553-560. BA70-48442; EA12-372.
- 0940 *Hiley, P.D. 1972. The taxonomy of the larvae of the British Sericostomatidae (Trichoptera). *Ent. Gaz.* 23:105-119. EA4-490; ZR109.

- 0941 *_____. 1976. The identification of British limnephilid larvae (Trichoptera). Syst. Ent. 1: 147-167. BA65-21446; EA7-2491; ASFA(1)6-6181; ZR11.
- 0942 *_____. 1976. The identification of British limnephilid and sericostomatid larvae. Proc. int. Symp. Trich. 1:21-24. EA7-7516; BRI12-62044; ZR113.
- 0943 *_____. 1978. Some aspects of the life histories of Limnephilidae (Trichoptera) related to the distribution of their larvae. Proc. int. Symp. Trich. 2:297-301. BRI17-15139; ZR114.
- 0944 *Hill, P.[L.], B.Cremeans, M.B.Rousch, & D.[C.].Tarter. 1978. State records for the family Phryganeidae in West Virginia, U.S.A. (Insecta: Trichoptera). Proc. W. Virginia Acad. Sci. 50:24. BRI16-8329.
- 0945 *Hill, P.L. & D.C.Tarter. 1978. A taxonomic and distributional study of adult limnephilid Caddisflies of West Virginia (Trichoptera: Limnephilidae). Ent. News 89:214-216. BA67-74 017; EA10-4673.
- 0946 *Hill, P.[L.], D.[C.].Tarter, W.Watkins, & S.Nance. 1977. A new state record for the genus *Pycnopsyche*, new record for the Cranberry Glades in West Virginia, U.S.A. (Insecta: Trichoptera). Proc. W. Virginia Acad. Sci. 49:24-25. BRI14-4957.
- 0947 *Hilsenhoff, W.L. 1971. Changes in the downstream insect and amphipod fauna caused by an impoundment with a hypolimnion drain. Ann. ent. Soc. Amer. 64:743-746. BA52-94962; EA 2-8157; ASFA(1)1-3751.
- 0948 *_____. 1975. Trichoptera (Caddisflies). pp 21-29. In: Aquatic insects of Wisconsin. Generic keys and notes on biology, ecology and distribution. Wisconsin Dept nat. Res. tech. Bull. 89.
- 0949 *_____. 1977. Use of arthropods to evaluate water quality of streams. Wisconsin Dept nat. Res. tech. Bull. 100:1-15. NABS.
- 0950 Hilsenhoff, W.L. & P.M.Kotila. 1978. Effects of Antimycin on stream insects. Office of Water Research & Technology, Washington DC. 62 pp. NABS.
- 0951 *Hilton, D.F.J. 1980. The effect of Kraft paper mill effluents on insects inhabiting the St Francis River near East Angus, Quebec. Ann. Soc. ent. Québec 25:179-189.
- 0952 *Hinckley, T.M. & H.D.Kennedy. 1972. Fluctuations of aquatic and terrestrial invertebrates in drift samples from Convict Creek, California. NW Sci. 46:270-276. ASFA(1)3-6310.
- 0953 *Hinton, H.S. 1980. Trichoptera. pp 23, 52, 140, 192-196, 710-711. In: Biology of insect eggs. Pergamon Press, Oxford.
- 0954 *Hintz, H.W. & H.T.Bartlett. 1976. Stream sides and reservoirs as migrating bird refuges. pp 245-252. In: Sandusky River basin Symposium., Tiffin, Ohio, USA. Int. Reference Gp on Great Lakes pollution from land use activities. U.S. Govt. Print. Office, Washington DC. BRI13-44526.
- 0955 *Hlavac, T.F. 1972. The prothorax of Coleoptera: origin, major features of variation. Psyche 79:123-149. BA58-19760.
- 0956 Ho, K.-k. 1977. [Ecological and taxonomic studies of trichopterous larvae in northern Taiwan.]. Nat. Taiwan Univ. Phytopath. Ent. 5:31-36. Chin., engl. BA70-24145; ZR115.
- 0957 *Hodkinson, I.D. 1975. A community analysis of the benthic insect fauna of an abandoned Beaver pond. J. anim. Ecol. 44:533-551.
- 0958 *Hoehn, R.C. & D.R.Sizemore. 1977. Acid mine drainage (AMD) and its impact on a small Virginia stream. Water Res. Bull. 1:153-160. NABS.
- 0959 *Hoffman, K.H. 1976. Catalytic efficiency and structural properties of invertebrate muscle pyruvate kinases: correlation with body temperature and oxygen consumption rates. J. comp. Physiol. 110:185-195. EA8-281.
- 0960 Hoffmann, B. 1980. Vergleichend ökologische Untersuchungen über die Einflüsse des kontrollierten Brennens auf die Arthropodenfauna einer Riedweise im Federseegebiet (Südwestwürttemberg). Veröff. Natursch. Landschaftspflege Bad.-Württ. 51/52:691-714. TN.
- 0961 *Hoffmeister, M. 1980. Kleintierwelt der Nette. Osnabrücker Naturwiss. Mitt. 7:179-201. BerRob.
- 0962 *Holdsworth, R.P. 1972. European red mite predators and their management. Proc. Ohio St. hortic. Soc. 125:86-88. BRI8-67344.

- 0963** ***Holliman, R.B. & L.I.Parsons.** 1973. Effects of Radford army ammunition plant wastes on the bottom fauna in the New River, Virginia. Virginia Water Resources Res. Cent. Bull. 57, 5-18.
- 0964** ***Holmquist, C.** 1975. Lakes of northern Alaska and northwestern Canada and their invertebrate fauna. Zool. Jb. Abt. Syst. Okol. Geogr. Tiere 102:373-484. Engl., engl., germ. ASFA (1)6-3092.
- 0965** **Holzenthall, R.W.** 1980. A survey of the Caddisflies (Insecta: Trichoptera) of southeastern Louisiana and southern Mississippi. MSc thesis, Univ. New Orleans, Louisiana, USA. 75 pp.
- 0966** ***Honma, Y., N.Hokari, & E.Tamura.** 1972. Studies on Japanese Chars of the genus *Salvelinus*: VI. The food of *S. leucomaensis*. Jap. J. Ichthyol. 19:255-261. Engl., jap. BA56-24908.
- 0967** ***Hoopes, R.L.** 1974. Flooding as a result of Hurricane Agnes, and its effects on a macrobenthic community in an infertile headwater stream in central Pennsylvania. Limnol. Oceanogr. 19:853-857. ZR111.
- 0968** *_____. 1976. Taxonomy and biology of *Anabolia* and *Limnephilus* (Trichoptera: Limnephilidae) in Pennsylvania, with an annotated list of the Trichoptera of Pennsylvania. MSc thesis, Pennsylvania State Univ., University Park, Pennsylvania, USA. 131 pp.
- 0969** ***Hopkins, C.L.** 1971. The annual temperature regime of a small stream in New Zealand. Hydrobiologia 37:397-408. BA52-118187; ASFA(1)1-1905.
- 0970** *_____. 1976. Estimate of biological production in some stream Invertebrates. NZ J. mar. freshw. Res. 10:629-640.
- 0971** **Hopkins, S.D.** 1976. A comparison of two benthic populations above and below Bluestone Dam, Hinton, West Virginia, USA. Proc. W. Virginia Acad. Sci. 48:21. BRI12-94702.
- 0972** ***Hornig, C.E. & J.E.Pollard.** 1978. Macroinvertebrate sampling techniques for streams in semi-arid regions, comparison of the Surber method and unit-effort traveling kick method. U.S. Environ. Protect. Agency, Office of Res. & Develop., Environ. Monit. & Support Lab., Las Vegas, Nevada. EPA-600/4-78-040. vi+21 pp.
- 0973** **Houf, L.J. & R.S.Campbell.** 1977. Effects of Antimycin A and Rotenone on macrobenthos in ponds. US Fish. Wildl. Serv., Invest. Fish Control (80/81):1-29. BRI15-5445.
- 0974** ***Howard, F.O.** 1977. Natural history and ecology of *Pycnopsyche lepida*, *P. guttifer* and *P. scabripennis* (Trichoptera: Limnephilidae) in a woodland stream. Dissert. Abs. int. (B) 37: 4307. ZR114.
- 0975** ***Howell, F.G. & J.B.Gentry.** 1974. Effect of thermal effluents from nuclear reactors on species diversity of aquatic insects. pp 562-571. *In*: Thermal ecology. Proc. Symp., Augusta, Georgia, USA, May 3-5, 1973. U.S. Atomic Energy Commission Technical Info. Cent., Oak Ridge, Tennessee. eds Gibbons & Sharitz. [Distributed by Nat. Techn. Info. Serv., U.S. Dept. Commerce, Springfield, Va.]. BRI11-30152. [Abstract].
- 0976** ***Hubert, W.A. & J.N.Krull.** 1973. Seasonal fluctuations of aquatic macro-invertebrates in Oakwood Bottoms Greentree Reservoir. Amer. midl. Nat. 90:177-185.
- 0977** ***Huheey, J.E. & R.A.Brandon.** 1973. Rock-face populations of the Mountain Salamander, *Desmognathus ochrophaeus*, in North Carolina. Ecol. Monogr. 43:59-77.
- 0978** ***Huldén, L., M.Meinander, O.Nybom, & H.Silfverberg.** 1977. Deletions from the Finnish fauna. Not. Ent. 57:11-12. Engl., engl., fin., swed. BA65-15512; EA8-7671.
- 0979** ***Hummon, W.D.** 1977. Meiobenthos of the Mississippi, U.S.A. headwaters. Amer. Zool. 17:869. [Abstract]. BRI14-32680.
- 0980** ***Hunt, P.C. & J.W.Jones.** 1972. The food of Brown Trout in Llyn Alaw, Anglesey, North Wales. J. Fish. Biol. 4:333-352. ASFA(1)2-7986.
- 0981** *_____. 1972. The profundal fauna of Llyn Tegid, North Wales. J. Zool. 168:9-49.
- 0982** *_____. 1972. The littoral fauna of Llyn Alyn, North Wales. J. Fish. Biol. 4:321-331.
- 0983** *_____. 1972. The effect of water level fluctuations on a littoral fauna. J. Fish. Biol. 4: 385-394.
- 0984** ***Huru, H.** 1980. [Hydrography and benthic fauna in the watercourse Reisavasdragnet, northern Troms, in 1978.]. Tromsura Naturvítenskap. (11):1-79. Norw., engl. ZR118.
- 0985** _____. 1980. [Hydrography and bottom fauna in Spansdalsvassdragnet, southern Troms, in 1978.]. Tromsura Naturvítenskap (12):1-41. Norw., engl. ZR118.

- 0986 *Hynes, H.B.N. 1971. Zonation of the invertebrate fauna in a West Indian stream. *Hydrobiologia* 38:1-8. EA2-9494; ASFA(1)1-3594.
- 0987 *_____. 1974. Further studies on the distribution of stream animals within the substratum. *Limnol. Oceanogr.* 19:92-99.
- 0988 *Hynes, H.B.N., D.D.Williams, & N.E.Williams. 1976. Distribution of the benthos within the substratum of a Welsh mountain stream. *Oikos* 27:207-310. NABS.
- 0989 *Hynes, J.D. 1975. Downstream drift of invertebrates in a river in southern Ghana. *Freshw. Biol.* 5:515-532.
- 0990 *_____. 1975. Annual cycles of macro-invertebrates of a river in southern Ghana. *Freshw. Biol.* 5:71-83. BA59-65545; ASFA(1)6-4247.
- 0991 *Ide, Y. 1971. [The study on the aquatic insect fauna of the Matsukawa and Yonako Rivers (mineral acid polluted river)]. *Bull. Inst. nat. Educ. Shiga Heights* 10:11-24. Jap., engl. BA 56-48265.
- 0992 *Illies, J. 1971. Emergenz 1969 im Breitenbach. *Arch. Hydrobiol.* 69:14-59. EA3-1772.
- 0993 *_____. 1972. Emergenzmessung als neue Methode zur produktionsbiologischen Untersuchung von Fließgewässern. *Schlitzer produktionsbiologischen Studien* (2). *Verh. Deuts. zool. Ges.* 65:65-68. Germ., engl.
- 0994 *_____. 1975. A new attempt to estimate production in running waters. pp 1705-1711. *In: Verh. int. Ver. theoret. angew. Limnol.* 1974. Part 3. ed. V.Sladecek. [Schlitz Studies on Productivity 12]. BRI13-22757.
- 0995 *_____. 1978. Vergleichende Emergenzmessung im Breitenbach 1969-1976. *Arch. Hydrobiol.* 82:432-448. Germ., germ., engl. BA67-14538; ASFA(1)9-481; ZR115.
- 0996 *_____. 1979. Annual and seasonal variation of individual weights of adult water insects. *Aquat. Ins.* 1:153-163.
- 0997 *_____. 1980. [Ephemeroptera emerging from two streams at Lunz, Austria, (1972-1977)]. *Arch. Hydrobiol.* 90:217-229. Germ., germ., engl. BA72-15877.
- 0998 *Ilyushina, T.L. 1972. [Caddis-flies, new additional hosts of *Prosthogonimus ovatus* (Trematoda, Prosthogonimidae)]. *Zool. Zh.* 52:263-265. Russ., engl. BA56-56224; ZR110.
- 0999 *_____. 1973. Vodnie nasekomye Karasykskoye sistemi ozer kak dopolnitelnie hozyaeva trematod. pp 55-64. *In: [Ecology and taxonomy of helminths]. Tr. Helminthol. Lab. Russ.*
- 1000 Ingouf, M. 1973. Introduction à l'étude écologique des invertébrés benthiques de 4 affluents du Ecorff (Morbihan). *Rennes Univ., France.* [vol., pp not given]. ASFA(1)4-7274.
- 1001 *Ischinger, L.S. & T.F.Nalepa. 1975. Fresh water macro-invertebrates. *J. Water Pollut. Contr. Fed.* 47:1520-1538. [Review]. BRI11-95448.
- 1002 *Iso-Iivari, L. & S.Koponen. 1976. Insect catches by light trap compared with geomagnetic and weather factors in subarctic Lapland. *Rep. Kevo subarct. Res. Stn* 13:33-35.
- 1003 *Isom, B.C. 1971. Effects of storage and mainstream reservoirs on benthic macroinvertebrates in the Tennessee Valley. *Spec. Publ. Amer. Fish. Soc.* (8):179-191. ZR108.
- 1004 *Itô, Takao. 1976. [Characteristics and production of benthic animals in the study waters of the JIBP-PF.]. *Benthos Res.* 11/12:1-12. Jap.
- 1005 *Itô, Takao, J.Isa, K.Kuwada, & A.Yamauchi. 1973. [Limnological study of the Omogo Reservoir, with particular reference to a lacustrine form of *Oncorhynchus rhodurus*.]. *Ann. Rep. Noto mar. Lab.* 13:53-64. Jap., jap., engl. EA6-7419.
- 1006 *Ito, Tomiko. 1978. Morphological and ecological studies on the Caddis Fly genus *Dinarthrodes* in Hokkaido, Japan (Trichoptera, Lepidostomatidae): I. The larval development and the cases of four species of *Dinarthrodes*. *Kontyû* 46:574-584. BA68-22611; ZR115.
- 1007 *_____. 1980. Morphological and ecological studies on the Caddis Fly genus *Dinarthrodes* in Hokkaido, Japan (Trichoptera, Lepidostomatidae): 2. Life histories of two coexisting species. *Kontyû* 48:311-320. BA71-53161.
- 1008 *Ito, Tomiko & H.Kawamura. 1980. Morphology and biology of the immature stages of *Hydroptila itoi* Kobayashi (Trichoptera, Hydroptilidae). *Aquat. Ins.* 2:113-122. BA71-3462; EA12-1578; ASFA(1)11-3150.

- 1009 *Iversen, T.B. 1973. Life cycle and growth of *Sericostoma personatum* Spence (Trichoptera, Sericostomatidae) in a Danish spring. Ent. Scand. 4:323-327. BA58-8323; EA5-3003; ZR 110.
- 1010 *Iversen, T.M. 1973. Decomposition of Autumn-shed Beech leaves in a springbrook and its significance for the fauna. Arch. Hydrobiol. 72:305-312. Engl., germ. BA58-7015; ZR110.
- 1011 *_____. 1974. Ingestion and growth in *Sericostoma personatum* (Trichoptera) in relation to the nitrogen content of ingested leaves. Oikos 25:278-282. BA59-43548; EA6-7307; ZR111.
- 1012 *_____. 1976. Life cycle and growth of Trichoptera in a Danish spring. Arch. Hydrobiol. 78:482-493. Engl., engl., germ. BA63-63664; EA8-4455; ZR113.
- 1013 *_____. 1979. Laboratory energetics of larvae of *Sericostoma personatum* (Trichoptera). Holarct. Ecol. 2:1-5. BA69-56668.
- 1014 *_____. 1980. Densities and energetics of two streamliving larval populations of *Sericostoma personatum* (Trichoptera). Holarct. Ecol. 3:65-73. BA70-22397.
- 1015 *Iversen, T.M. & B.L.Madsen. 1977. Allochthonous organic matter in streams. Fol. Limnol. Scand. 17:17-20.
- 1016 *Iversen, T.M., P.Wiberg-Larsen, S.B.Hansen, & F.S.Hansen. 1978. The effect of partial and total drought on the macroinvertebrate communities of three small Danish streams. Hydrobiologia 60:235-242. BA67-20918.
- 1017 *Iwao, M. 1980. [On macro-benthos communities in the middle and downstream of the River Hikigawa, Wakayama Prefecture - 1. Comparison of the community structure between different riverbed types, sampling sites and seasons.]. Jap. J. Limnol. 41:24-40. Jap. NABS.
- 1018 *Jacobi, G. 1978. Zoobenthos from sublacustrine springs in the Lake Skadar, Crna Gora, Yugoslavia. Verh. int. Ver. theor. angew. Limnol. 20:1067-1077. ZR115.
- 1019 *_____. 1978. An inexpensive circular sampler for collecting benthic macroinvertebrates in streams. Arch. Hydrobiol. 83:126-131. NABS.
- 1020 *Jacobi, G. & J.Kaster. 1978. Sublacustrine spring zoobenthos, Lake Skadar, Yugoslavia. Environ. Conserv. 5:64-65. BRI15-24090.
- 1021 Jacobi, W. & M.Renner. 1977. Aquatic macroinvertebrates in a small Wisconsin trout stream before, during, and two years after treatment with the fish toxicant Antimycin. U.S. Fish. Wildl. Serv., Invest. Fish Contr. (81):1-24. ZR114.
- 1022 *Jacquemart, S. 1973. Description de deux Trichoptères hydroptilides nouveaux et de l'imago de *Stactobia monnioti* Jacquemart (Ile de Rhodes). Bull. Inst. r. Sci. nat. Belg., Ent. 49(4):1-16. BA58-50239; ZR110.
- 1023 *_____. 1974. À propos d'*Athripsodes genei* Rambur. Bull. Inst. r. Sci. nat. Belg., Ent. 50(4):1-5. BA59-61743; EA6-6178; ZR111.
- 1024 *_____. 1979. Deux trichoptères nouveaux de Thaïlande. Bull. Inst. r. Sci. nat. Belg., Ent. 51(2):1-5. BA73-3512; EA12-1533.
- 1025 *_____. 1980. Un Trichoptère nouveau de l'Aïre: *Hydroptila aïrensis* sp. n. (Hydroptilidae). Bull. Inst. r. Sci. nat. Belg., Ent. 52(13):1-5. BA71-53159; EA12-7407; ZR117.
- 1026 *_____. 1980. A propose de *Tinodes cinerea* (Trichoptera Psychomyide) de Madere. Bull. Inst. r. Sci. nat. Belg., Ent. 52(7):1-6. BA71-46017; ZR117.
- 1027 *_____. 1980. Description de la larve et de la nymphe d'*Australomyia masatierra* (Schmid) et considérations sur la larve d'*Australomyia masafuera* (Schmid) (trichoptères) provenant de l'Archipel Juan Ferre nouveau de l'Ainandez (Chili). Bull. Inst. r. Sci. nat. Belg., Ent. 52(26):1-11. ZR117.
- 1028 *_____. 1980. Un trichoptère hydroptilide nouveau du nord du Chili: *Metrichia thyrusae* sp. n. Brenesia 17:303-318. Fr., fr., engl. ZR117.
- 1029 *Jaeger, D. 1972. Faunistisch-Ökologische Untersuchungen an wasserlebenden Insektenlarven (Trichopteren, Plecopteren und Ephemeropteren) in der Wiehl einem Wiesen - Mittelgebirgsbach im Obergerbirgischen Land. Decheniana 125:23-41. BA56-53979; EA4-5916; ASFA(1)3-7543; ZR110.
- 1030 *Jaeger, J.W.A. 1977. The aquatic insects of Cedar Creek, Ozaukee and Washington Counties, Wisconsin. Dissert. Abs. int. (B) 38:2571. ZR114.

- 1031 ***Jahn, W.** 1972. Ökologische Untersuchungen an tümpeln unter besonderer Berücksichtigung der Folgen von Wasserverschmutzung durch Öl. Arch. Hydrobiol. 70:442-483. EA4-2922.
- 1032 ***Jansson, A.** 1979. Stridulation in defense behaviour of Caddisfly larvae, family Hydropsychidae. p. 16. In: Proc. int. Ethol. Conf., Vancouver. [Abstract].
- 1033 ***Jansson, A. & T.Vuoristo.** 1979. Significance of stridulation in larval Hydropsychidae (Trichoptera). Behaviour 71:167-186. Engl., engl., germ. BA70-222; EA11-5460; ASFA(1)10-10300.
- 1034 **Jeantet, A.-Y., R.Martoja, & M.Truchet.** 1974. [Role of spherocrystals of the intestinal epithelium in the resistance of an insect to mineral pollution. Experimental data obtained by use of electronic micro electrode and secondary ion emission micro analyser.]. Compt. rend. hebdomadaire des seances Sci., Ser. D, Sci. nat. 278:1441-1444. Fr. BRI12-52541.
- 1035 ***Jeffree, R.A. & N.J.Williams.** 1980. Mining pollution and the diet of the Purple-striped Gudgeon *Mogurnda mogurnda* (Eleotridae) in the Finnin River, Northern Territory, Australia. Ecol. Monogr. 50:457-485. BA71-49225.
- 1036 ***Jenio, F. & C.See.** 1976. Comparison of benthic invertebrates above and below a trout hatchery discharge. Proc. W. Virginia Acad. Sci. 48:21. BRI12-94703.
- 1037 ***Jenkins, R.A.** 1974. Occurrence of *Lasiocephala basalis* (Kolenati) (Trichoptera: Sericostomatidae) in a river in south west Wales. Ent. mon. Mag. 110:83. EA6-4869; BRI12-31508; ZR112.
- 1038 *_____. 1977. Notes on the distribution of psychomyiid larvae (Trichoptera) in south-west Wales. Ent. Rec. J. Var. 89:57-61. EA8-6216; BRI13-87192; ZR114.
- 1039 *_____. 1977. A record of *Oecetis notata* (Rambur) (Trichoptera, Leptoceridae) from south-west Wales. Ent. Rec. J. Var. 89:52-53. ZR114.
- 1040 *_____. 1979. Records of Trichoptera from south-west Wales. Ent. Gaz. 30:31-43. EA10-8477; EA11-634; ASFA(1)9-15737.
- 1041 ***Jenkins, R.A. & S.Cooke.** 1978. Further notes on *Oecetis notata* (Rambur) (Trichoptera: Leptoceridae) in southwest Wales. Ent. Rec. J. Var. 90:65-66. EA9-8035; ZR115.
- 1042 ***Jenkins, R.A. & M.D.Mold.** 1975. *Triadenodes simulans* Tjeder (Trichoptera: Leptoceridae) from a river in south west Wales. Ent. Rec. J. Var. 87:302-303. EA7-4299; ZR112.
- 1043 *_____. 1977. The occurrence of *Triadenodes simulans* Tjeder (Trichoptera: Leptoceridae) in south-west Wales. Ent. Gaz. 28:203-205. BA66-34465; EA9-3924; ZR114.
- 1044 ***Johnsen, B.O.** 1978. Seasonal variations in the diet of the Brown Trout (*Salmo trutta* L.) in a Norwegian mountain lake compared with the variations in the plankton and bottom fauna. Astarte 11:37-44. BA68-14679.
- 1045 ***Johnston, C.E.** 1980. Observations on the foods of Brook Trout (*Salvelinus fontinalis*) and Rainbow Trout (*Salmo gairdneri*) in the Dunk River system, Prince Edward Island, Canada. Proc. NS Inst. Sci. 30:31-40. BA70-77358.
- 1046 ***Jones, N.A. & M.A.E.Mortimer.** 1974. Stream invertebrates on Foula. Glasgow Naturalist 19:91-100.
- 1047 ***Jones, N.V.** 1976. Studies on the eggs, larvae, and pupae of *Tinodes waeneri*. Proc. int. Symp. Trich. 1:131-143. EA7-7121; BRI12-62059; ZR113.
- 1048 *_____. 1976. The Trichoptera of the stony shore of a lake, with particular reference to *Tinodes waeneri* (Psychomyiidae). Proc. int. Symp. Trich. 1:117-130. BRI12-62058; ZR113.
- 1049 ***Jones, N.V., M.R.Letterick, & R.G.Pearson.** 1978. Stream flow and the behaviour of Caddis larvae. Proc. int. Symp. Trich. 2:259-266. BRI17-15134; ZR114.
- 1050 ***Jones, W.E. & J.H.Selgeby.** 1974. Invertebrate macrobenthos of Lake Oahe, 1968-69. Tech. Pap. US Fish Wildl. Serv. (73):4-11.
- 1051 **Joost, W.** 1976. *Synagapetus ater* Klap. - eine interessante Köcherfliege neu für die Fauna der DDR. Abh. Ber. Mus. nat., Gotha 1976:49-51. ZR113.
- 1052 ***Jost, O.** 1972. Catching and treatment of Trichoptera larvae by Dipper, *Cinclus cinclus*. Luscinia 41:298-301. BRI9-64036.
- 1053 *_____. 1975. [Fish otoliths in the pellets of the Dipper.]. Nat. Mus. 105(9):283-286. BA 61-18796.

- 1054 *Juberthie, C. & Y.Bouvet. 1975. Exocytose des granules de neurosécrétion de type A dans l'aorte et les corpora cardiaca chez le trichoptère *Micropterna nycterobia* en relation avec le dechenement de la porte. Compt. rend. Acad. Sci. Paris, Sér. D 280:101-104. Fr., fr., engl. EA6-5449; BRI12-6290; ZR112.
- 1055 *_____. 1978. Ultrastructure des grains de secretion des cellules glandulaires des corpora cardiaca de *Micropterna nycterobia* (trichoptères). Bull. Soc. zool. Fr. 103:65-69. BA68-9612; EA10-6312.
- 1056 *Judd, J.H. & J.G.Bocsor. 1975. Environmental changes in a portion of Lake Ontario following pollution abatement. Verh. int. Ver. theor. angew. Limnol. 19:1984-1989. Engl., fr. ASFA(1)7-10573.
- 1057 *Jude, D.J., B.H.Bachen, G.R.Heufelder, H.T.Tin, M.H.Winnell, F.J.Tesar, & J.A.Dorr III. 1978. Adult and juvenile fish, ichthyoplankton and benthos populations in the vicinity of the J.H.Campbell power plant, eastern Lake Michigan 1977. Gt Lks Res. Div., Univ. Michigan, Ann Arbor, Special Rep. (65), 639 pp.
- 1058 *Jumppanen, K. 1976. Effects of waste waters on a lake ecosystem. Ann. zool. Fenn. 13:85-138.
- 1059 *Junk, W.J. 1974. The bottom fauna and its distribution in Bung Borafet, a reservoir in central Thailand. p. 99. In: XIX Congr. int. Assoc. Limnol. ed. K.E.Marshall. BRI11-90373. [Abstract].
- 1060 *Juul, R.B. & J.V.Shireman. 1978. A biological assessment of fish and benthic populations inhabiting a kraft mill effluent channel. Water Res. 12:691-702. NABS.
- 1061 *Kachalova, O.L. 1972. [Caddis Fly fauna in the big rivers of Latvia.]. Int. Congr. Ent. 1968 (1):510-511. ZR109.
- 1062 *_____. 1972. Rutsjeniki rek Latvii. Verlag 'Zinatne'. 215 pp. Russ., germ.
- 1063 _____. 1977. Otrjad rutshejniki Trichoptera. pp 477-510. In: Opredelitel presnovednich besposvonetshnich evropejkej tshasti SSSR. Hidrometeoisdat, Leningrad. ZR114.
- 1064 *_____. 1980. [Caddisflies in the Lakes Peipus-Pskov and Võrtsjärv.]. Hidrobiol. Isledov. 9:87-97. Russ., engl. ZR117.
- 1065 *Kachalova, O.L. & I.I.Kornoukhova. 1975. [Description of the larvae of *Hydropsyche acuta* Mart. (Trich., Hydropsychidae).]. Ent. Obozr. 54:412-414. Russ., russ. [Engl. transl. in Ent. Rev. 54:126-127.]. BA61-38140; EA6-4314; ASFA(1)5-9598; BRI13-24312; ZR114.
- 1066 *_____. 1978. [Description of larvae of the Caddis-fly *Glossosoma capitatum* Mart. (Trichoptera, Glossosomatidae).]. Ent. Obozr. 57:608-610. Russ., russ. [Engl. transl. in Ent. Rev. 57:416-418.]. BA68-29295; BRI(BA/RRM)18-36033; ZR115.
- 1067 *_____. 1980. [Caddisflies (Trichoptera) of Arlon River in the northern Caucasus.]. Ent. Obozr. 59:269-275. Russ., russ. BA71-79594; EA12-710.
- 1068 *Kachalova, O.[L.] & S.Muhametshina. 1976. [Die Larve der Köcherfliege *Triaenodes reuteri* McL. (Trichoptera, Leptoceridae).]. Latv. Ent. 18:69-72. Russ. ZR113.
- 1069 *_____. 1979. [Eine neue Art der Köcherfliegen der Gattung *Hydroptila* Dalman (Trichoptera, Hydroptilidae) aus dem Wolgadelta.]. Latv. Ent. 21:82-85. Russ., germ.
- 1070 *Kaeriyama, M. 1976. [Ecological study of the aquatic animals of the Nuppuku River.]. Sci. Rep. Hokkaido Salmon Hatchery (30):75-85. Jap., engl. ZR115.
- 1071 *_____. 1979. [Studies on a growth and feeding habit of Chum Salmon fry during seaward migration in the Tokachi River system: 2. Aquatic fauna in the Tokachi River system during the months of March to July in 1977.]. Sci. Rep. Hokkaido Salmon Hatchery (33):31-46. Jap., jap., engl. BA70-36243.
- 1072 *Kaeriyama, M. & S.Sato. 1979. [Studies on a growth and feeding habit of the Chum Salmon fry during seaward migration in the Tokachi River system - III Relationships between migration time and the growth or the feeding behaviour of the fry during 1977.]. Sci. Rep. Hokkaido Salmon Hatchery (33):47-73. Jap., engl. BA70-73.
- 1073 *Kaeriyama, M., S.Sato, & A.Kobayashi. 1978. [Studies on a growth and feeding habit of the Chum Salmon fry during seaward migration in the Tokachi River system: I. Influence of thaw on a growth and feeding habit of the fry.]. Sci. Rep. Hokkaido Salmon Hatchery (32):27-42. Jap., jap., engl. BA67-59330.

- 1074 ***Kaesler, R.L., J.Cairns, Jr, & J.S.Crossman.** 1974. Redundancy in data from stream surveys. *Water Res.* 8:637-642.
- 1075 **Kaestner, A.** 1973. Lehrbuch der Speziellen Zoologie. Band I: Wirbellose. 3. Teil. Insecta. B. Spezieller Teil. VEB Gustav Fischer Verlag, Jena, East Germany. 632 pp. Illustr. BA58-30 21.
- 1076 ***Kaftannikova, O.G. & A.A.Protasov.** 1980. [Effect of heated discharge water from steam power stations on zooperiphyton development.]. *Gidrobiol. Zh.* 16(4):118-119. Russ. BRI (BA/RRM)22-22599.
- 1077 **Kaiser, P.** 1977. Was die Larve der Köcherfliege so alles baut kann sich sehen lassen. *Sielmanns Tierwelt* 1977(11):56-61.
- 1078 ***Kajak, Z. & K.Dusoge.** 1975. Macrobenthos of Lake Tattowisko. *Ekol. Polska* 23:295-316.
- 1079 *_____. 1975. Macrobenthos of Mikołajskie Lake. *Ekol. Polska* 23:437-457.
- 1080 ***Karaman, B.S.** 1979. [Ecology of larvae of Odonata in the ecosystem of the Lake Doiran, Macedonia, Yugoslavia.]. *God. Zb. Biol. Fak. Univ. Kiril Metod Skopje* 32:191-199. Fr., fr., maced. BA70-49645. [Abstr.].
- 1081 ***Karl, T.S. & W.L.Hilsenhoff.** 1979. The Caddis-flies (Trichoptera) of Parfreys Glen Creek, Wisconsin, USA. *Trans. Wisc. Acad. Sci. Arts Lett.* 67:31-42. BA71-46013.
- 1082 ***Karlström, U.** 1976. Notes on the life cycle of *Rhyacophila nubila* (Zett.) (Trichoptera) in a north Swedish river. *Ent. Tidskr.* 97:39-42. EA7-7110; ZR113.
- 1083 ***Kaster, J.L. & G.Z.Jacobi.** 1978. Benthic macroinvertebrates of a fluctuating reservoir. *Freshw. Biol.* 8:283-290. BA66-69747.
- 1084 ***Kawai, F.** 1971. [A study on the eggs of *Stenopsyche griseipennis* in the Takami River, a tributary of the Yoshino River.]. *Biol. J. Nara Women's Univ.* 21:1-2. BA54-8812.
- 1085 ***Kawai, T.** 1976. Prof. Dr. Matsunae Tsuda. *Trich. Newsl.* 3:7-12. ZR115.
- 1086 ***Kawecka, B.** 1977. The food of dominant species of bottom fauna larvae in the River Raba (southern Poland). *Acta Hydrobiol.* 19:191-214. Engl., engl., pol. BA66-20201; ZR114.
- 1087 ***Kawecka, B., M.Kownacka, & A.Kownacki.** 1971. General characteristics of the biocenosis in the streams of the Polish high Tatras. *Acta Hydrobiol.* 13:465-476. Engl., pol. ZR109.
- 1088 ***Kear, J. & P.J.K.Burton.** 1971. The food and feeding apparatus of the Blue Duck *Hymenolaimus*. *Ibis* 113:483-493. BA53-36448.
- 1089 ***Keast, A.** 1978. Feeding interrelations between age-groups of Pumpkinseed (*Lepomis gibbosus*) and comparisons with Bluegill (*L. macrochirus*). *J. Fish. Res. Bd Can.* 35:12-27. Engl., engl., fr. BA66-1472.
- 1090 ***Keegan, J.F., P.M.Grant, & E.C.Masteller.** 1973. Seasonal occurrence of aquatic insects in a Lake Erie tributary, Erie County, Pennsylvania. *Proc. Pennsylvania Acad. Sci.* 47:11. [Abstract]. BRI10-59632.
- 1091 ***Kellner-Pillault, S.** 1975. Attirance sexuelle chez un trichoptère: *Enoicyla pusilla* Burmeister. *Bull. Soc. ent. Fr.* 80:252-257. EA7-6268; ZR112.
- 1092 ***Kellogg, R.L. & R.V.Bulkley.** 1976. Seasonal concentrations of dieldrin in water, Channel Catfish, and catfish-food organisms, Des Moines River, Iowa - 1971-73. *Pestic. monit. J.* 9: 186-194. BA62-28956.
- 1093 **Kennedy, J.H. & E.F.Benfield.** 1977. Summer drift of macroinvertebrates in a large warm water river. *Bull. Assoc. SE Biol.* 24(3):63. BRI13-97323.
- 1094 ***Kennedy, J.H. & J.G.Humphreys.** 1978. The effect of silt, originating from river dredging, on the Allegheny River, Pennsylvania, USA, benthic macroinvertebrates. *Proc. Pennsylvania Acad. Sci.* 52:106. [Abstract]. BRI(BA/RRM)18-50457.
- 1095 ***Kennedy, M. & P.Fitzmaurice.** 1971. Growth and food of Brown Trout *Salmo trutta* (L.) in Irish waters. *Proc. r. Irish Acad. (B)* 71:269-352, 5 plates, 2 tables.
- 1096 *_____. 1972. Some aspects of the biology of Gudgeon *Gobio gobio* (L.) in Irish waters. *J. Fish. Biol.* 4:425-440. BA55-1492.
- 1097 *_____. 1974. Biology of the Rudd *Scardinius erythrophthalmus* (L.) in Irish waters. *Proc. r. Irish Acad. (B)* 74:245-303. BA59-30105.

- 1098 ***Kennedy, M.J.** 1979. The responses of miracidia and cercariae of *Bunodera mediovitellata* (Trematoda: Allocreadiidae) to light and to gravity. *Can. J. Zool.* 57:603-609. BA68-61156.
- 1099 ***Khalaf, A.N. & M.A. al-Omar.** 1974. A second list of insects from Iraq. *Bull. biol. Res. Cent. Publ., Baghdad* 2:1-41. BA62-43727.
- 1100 ***Khalaf, G. & H.Tachet.** 1977. [The dynamics of macroinvertebrate colonization of artificial substrates in a stream.]. *Ann. Limnol.* 13:169-190. Fr., fr., engl. BA65-57617.
- 1101 *_____. 1980. Colonization of artificial substrata by macro-invertebrates in a stream and variations according to stone size. *Freshw. Biol.* 10:475-482. BA71-29905.
- 1102 **Khatoon, S. & S.R.Ali.** 1980. Revision of Trichoptera of Pakistan. *Bull. Hydrobiol. Res.* (28/29):568. BRI(BA/RRM)28-28992.
- 1103 ***Kiauta, B.** 1971. The chromosome condition in the spermatogenesis of the Caddis-fly *Goera pilosa* (Fabricius, 1775) (Trichoptera, Integripalpia, Limnephiloidea, Goeridae) from the God dal Fuoru in the Swiss National Park, with considerations on the phylogenetic position of the family. *Ergeb. Wiss. Untersuch. Schw. Nat. Pk* 9(64):174-185. EA4-7652; ZR109.
- 1104 ***Kiauta, B. & M.A.J.E.Kiauta.** 1979. Ecology, case structure, larval morphology and chromosomes of the Caddis-fly *Allogamus auricollis* (Pictet, 1834), with a discussion on the variation of recombination indices in the Stenophyalacini (Trichoptera, Integripalpia: Limnephilidae). *Genetica* 50:119-126. BA69-17392; EA11-5912; ZR119.
- 1105 **Kim, C.** 1974. Larvae of Korean Trichoptera. *Kor. J. Zool.* 17:198-199. BRI13-61492.
- 1106 **Kim, J.W.** 1974. [Study of Trichoptera in Oo Ma Da Mountain stream Nara, Japan.]. *Kor. J. Limnol.* 7(3-4):63-73. Kor., engl.
- 1107 *_____. 1974. On larvae of Trichoptera from Korea. *Kor. J. Limnol.* 7(1-2):1-42. EA6-1615; ASFA(1)5-404; ZR111.
- 1108 ***Kimura, S.** 1977. On the spawning behaviour and early life history of the Gogi-Char, *Salvelinus leucomaenis* (Pallas). *Sci. Bull. Fac. Agric. Kyushu Univ.* 32:125-140.
- 1109 ***King, J.R. & E.R.Mancini.** 1976. Effects of power plant cooling-water entrainment on the drifting macroinvertebrates of the Wabash River (Indiana). pp 368-372. *In: Thermal ecology 2. eds Esch & McFarlane.* National Tech. Info. Service, Springfield, Virginia. NABS.
- 1110 **Kinkler, H. & U.Köller.** 1978. Beitrag zur Köcherfliegenfauna (Trichoptera) des gelpetales in Wuppertal. *JahrBer. Naturwiss. Ver. Wuppertal* 31:91-93.
- 1111 **Kinkler, H., G.Swoboda, & K.Rehnelt.** 1980. Beitrag über die Großschmetterlinge (Makrolepidoptera) und Köcherfliegen (Trichoptera) des Elmpfer Bruches (Ndrhh.) mit Bemerkungen über die Pflanzengesellschaften. *Niederrhein. Jb.* 14:53-72.
- 1112 **Kirk, P.W., Jr, [Ed.].** 1979. Aquatic Insects [J.F.Matta], Order Trichoptera. pp 214-215. *In The Great Dismal Swamp.* Virginia Press, Charlottesville, USA.
- 1113 **Kirka, A., S.Nagyo L.Zahumensky, J.Libosvsky, M.Penaz, & I.Krupa.** 1978. [Fish distribution, community of diatoms and zoobenthos in the water system of the River Poprad and in the spring waters of Rivers Hornad and Hnilec.]. *Biol. Pr., Sek. Biol. Alek vied* 24:9-98. Sloven., russ., engl. BRI(BA/RRM)18-43364.
- 1114 ***Kiss, O.** 1977. [The 'mosaic-pattern' principle illustrated in the Bükk mountain Szalajka - stream trichopterans.]. *Fol. Hist-nat. Mus. Matra.* 4:63-69. Hung., engl., germ. ZR114.
- 1115 _____. 1977. Trichoptera ökológiai vizsgálatok jellegzetes Bükk hegységi forrás-és patak-vizekben (Szalajka-Disznóskút-, Sebesvíz). Doctoral thesis. 232 pp.
- 1116 *_____. 1978. [*Limnephilus elegans* Curtis (Trichoptera), occurrence in Hungary.]. *Fol. ent. Hung.* 31:227-228. Hung. ZR115.
- 1117 *_____. 1978. On the Trichoptera fauna of the Bükk Mountains, N. Hungary. *Proc. int. Symp. Trich.* 2:89-101. BRI17-15114; ZR114.
- 1118 *_____. 1978. [On the Trichoptera communities of the rill Disznóskút and stream Sebesvíz in the Mountain Bükk.]. *Acta Acad. Paedagog. Agriensis, NS* 14:493-507.
- 1119 *_____. 1979. [The interpretation of the mosaic-pattern principle of the associations in streams and the ecological niche.]. *Acta Acad. Paedagog. Agriensis, NS* 15:453-466. Hung., engl.
- 1120 *_____. 1979. The Trichoptera of the Bükk Mountains. *Acta biol. Debrecina* 16:45-55. Engl., hung. ZR118.

- 1121 *_____. 1979. Occurrence of *Melampophylax nepos* McLachlan (syn. *Halesus nepos* McLachlan, Trichoptera) in Hungary. Fol. Hist.-nat. Mus. Matra. 5:79-82.
- 1122 *_____. 1980. [Data on the Trichoptera of the Mátra and Bükk Mountains.]. Fol. ent. Hung. 41(33):2:369-370. Hung., engl.
- 1123 *Klausnitzer, B., D.Braasch, V.Jacob, W.Joost, & W.Zimmermann. 1976. Gegenwärtiger Stand der faunistischen Erforschung der aquatischen Insekten - Ordnungen in der DDR. Ent. Nachr. Ber. 20(9/10):133-159. ZR113.
- 1124 Klausnitzer, B., U.Jacob, O.Jarisch, W.Joost, F.Klima, & G.Peters. 1978. Wasserinsekten. Kulturbund der DDR, Bautzen, Eigenverlag. 88 pp.
- 1125 *Klausnitzer, B., J.Lehnert, & F.Klima. 1980. Wasserinsekten aus verschiedenen Parkteichen und Springbrunnen von Leipzig. Wiss. Zeit. Karl-Marx-Univ. Leipzig, Math.-Naturw. R. 29:653-658.
- 1126 *Klemm, N. 1971. Monaminhaltige Zellelemente im stomatogastrischen Nervensystem und in den Corpora Cardiacia von *Schistocerca gregaria* Forsk. (Insecta, Orthoptera). Zeit. Naturforsch. (B) 26:1085-1086. BA55-43752.
- 1127 *_____. 1971. Katecholaminhaltige Zellstrukturen im Ganglion Cerebrale und im Ganglion Subösophageale bei Trichopteren. Int. Congr. Ent. (1):259-260. ZR108.
- 1128 *_____. 1971. Monoaminhaltige Strukturen im Zentralnervensystem der Trichoptera (Insecta). II. Zeit. Zellforsch. Mikrosk. Anat. 117:537-558. BA53-14009; EA2-9180; ASFA(1)1-1975; ZR109.
- 1129 *_____. 1974. Vergleichend-histochemische Untersuchungen über die Verteilung monoaminhaltiger Strukturen im Oberschlundganglion von Angehörigen verschiedener Insekten-Ordnungen. Ent. Germ. pp 21-49. [Need Vol. #?]
- 1130 *_____. 1976. Histochemistry of putative transmitter substances in the insect brain. Progr. Neurobiol. 7:99-169.
- 1131 *Klemm, N. & A.Björklund. 1971. Identification of Dopamine and Noradrenalin in nervous structures of the insect brain. Brain Res. 26:459-464. EA2-8596; BR17-44821.
- 1132 *Klima, F. 1976. *Oecetis notata* Ramb. und *Athripsodes leucophaeus* Ramb. (= *Homilia leucophaea* Ramb.) (Trichoptera) in Mecklenburg. Ent. Nachr. Ber. 20(3):42-45. EA9-2491; ZR113.
- 1133 *_____. 1978. 3.9. Ordnung Trichoptera (Köcherfliegen). pp 57-66. In: Wasserinsekten. eds Klausnitzer & Joost. Kulturbund der DDR Zentral Kommission Natur u. Heimat des Präsidialrates Zentraler Fachausschuss Entomologie, East Germany.
- 1134 *Klimeczyk-Janikowski, M. 1974. [Food and biometric characteristics of the Silver Bream (*Blissa bjorkna* L.) from the reservoir at Goczalkowice.]. Acta Hydrobiol. 16:241-254. BA 60-36371.
- 1135 *Knauf, W. 1969. Faunistische-ökologische Untersuchungen an der Wiesent einem Karstfluß der nördlichen Fränkischen Alb., mit besonderer Berücksichtigung der Fließgewässerrregionen. Thesis, Friedrich Alexander Univ., Erlangen-Nurnberg. 209+ pp.
- 1136 *Knie, J. 1977. Ökologische Untersuchung der Käferfauna von ausgewählten Fließgewässern des Rheinischen Schiefergebirges (Insecta: Coleoptera). Decheniana 130:151-221. Germ., germ., engl.
- 1137 Knowlton, G.F. 1972. Some terrestrial arthropods of Curlew Valley. Utah St. Univ. Ecol. Centre, Terrestr. Arthr. Ser. (4):1-7. ZR113.
- 1138 Knowlton, G.F. & D.R.Wray. 1975. Collembola of Curlew Valley, Utah and Idaho. Utah St. Univ. Ecol. Centre, Terrestr. Arthr. Ser. (7):1-10. ZR113.
- 1139 *Knutson, L.V. & O.S.Flint, Jr. 1971. Pupae of Empididae in pupal cocoons of Rhyacophilidae and Glossosomatidae (Diptera - Trichoptera). Proc. ent. Soc. Wash. 73:314-320. BA 53-20390; ZR108.
- 1140 *_____. 1979. Do Dance Flies feed on Caddisflies? - further evidence (Diptera: Empididae; Trichoptera). Proc. ent. Soc. Wash. 81:32-33. BA68-66322; EA10-7466.
- 1141 Kobayashi, M. 1972. On the new species of the genus *Glossosoma* from Japan (Trichoptera, Insecta). Bull. Kanagawa Prefect. Mus. nat. Sci. 1(5):5-10. Engl., jap. ZR109.

- 1142 _____, 1973. Caddisfly larvae of the vicinity of Yanagata Prefecture with descriptions of thirteen new species. Bull. Kanagawa Prefect. Mus. nat. Sci. (6):21-45. Engl., jap. ZR110.
- 1143 _____, 1974. On two new species of Hydroptilidae from Japan (Insecta: Trichoptera). Bull. Kanagawa Prefect. Mus. nat. Sci. (7):67-70. Engl., jap. ZR111.
- 1144 _____, 1975. A new species of Caddisfly Limnophilidae from Japan (Insecta: Trichoptera). Bull. Kanagawa Prefect. Mus. nat. Sci. (8):37-40. Engl., jap. ZR115.
- 1145 _____, 1976. New species of Rhyacophilidae (Trichoptera: Insecta). Bull. Kanagawa Prefect. Mus. nat. Sci. (9):51-56. Engl., jap. ZR115.
- 1146 _____, 1977. The list and new species of the Caddisflies from Hokkaido, Japan (Trichoptera, Insecta). Bull. Kanagawa Prefect. Mus. nat. Sci. (10):1-14. Engl., jap. ZR115.
- 1147 _____, 1980. A revision of the family Philopotamidae from Japan (Trichoptera: Insecta). Bull. Kanagawa Prefect. Mus. nat. Sci. 12:85-104. Engl., jap. BRI(BA/RRM)27-45289; ZR117.
- 1148 ***Kobo, T.** 1975. Running water communities. (Concluding discussion on productivity of Japanese inland water communities). *In: Productivity of communities in Japanese inland waters.* eds Mori & Yamamoto. Jap. int. Biol. Progr. Synth. 10:410-416.
- 1149 ***Koeding, L.R. & C.M.Kaya.** 1978. Growth and diets of trout from contrasting environments in a geothermally heated stream: the Firehole River of Yellowstone National Park. Trans. Amer. Fish. Soc. 107:432-438. BA66-57153.
- 1150 ***Kogan, A.V., N.P.Nekrasowa, & I.K.Popova.** 1980. [Nutritional characteristics of fry of the Roach (*Rutilus rutilus*) and the Perch (*Perca fluviatilis*) during downstream migration in a river.]. Vopr. Ikhtiol. 20:508-516. Russ., russ. BA72-51219.
- 1151 ***Kokes, J.** 1979. The food eaten by the fry of Chub, *Leuciscus cephalus*, in the Rokytná River. Fol. Zool. 28:361-370. Engl., engl., russ. BA70-29293.
- 1152 ***Kolomin, Yu.M.** 1977. [The Ruffe *Acerina cernua* (L.) in the Nadym River.]. Vopr. Ikhtiol. 17:395-399. Russ., russ. BA65-25909; BRI15-35809.
- 1153 ***Komatsu, T.** 1974. Aquatic insect communities of the Tenryu River, their composition, biotic index, and seasonal change. Jap. J. Limnol. 35:173-182. BRI11-51182.
- 1154 *_____. 1975. [The seasonal and the annual changes of benthic communities of the climax in rapids of the stream.]. Jap. J. Ecol. 25(3):160-172. Jap., engl. BRI12-39335.
- 1155 _____. 1977. [Comparison between the effects of aggregate plant wastes and a flood on the aquatic insect communities: preliminary report.]. New Ent. 26:65-74. Jap., jap., engl. BA 67-72521.
- 1156 **Kopczynska-Limkiewicz, D.** 1980. [Allergic and toxic effects of insects on Man.]. Wiado-mosci Ent. 1(3):151-157. Pol. ZR122.
- 1157 ***Koponen, S.** 1977. Light trap catches of insects at Kevo, northernmost Finland. Not. Ent. 57(2):53-57. Engl., engl., fin., swed. BA65-46795.
- 1158 ***Kořínková, K.** 1971. Sampling and distribution of animals in submerged vegetation. Věstn. Česk. Spol. Zool. 35:209-221. ASFA(1)1-5509.
- 1159 **Kornevcheva, I.I.** 1976. Rutshejniki bassejna Reki Tarak (Severnij Kavkas). Avtereferat, Dissertazii na seiskanije utshenej kandidata biologitsheskich nauk. 22 pp.
- 1160 ***Koslucher, D.G. & G.W.Minshall.** 1973. Food habits of some benthic invertebrates in a northern cool-desert stream (Deep Creek, Curlew Valley, Idaho-Utah). Trans. Amer. micr-osc. Soc. 92:441-452. BA57-30431; EA5-1004; ZR110.
- 1161 **Kotila, P.M.** 1978. Effect of Antimycin on stream insects in field and laboratory trials. Office of Water Research & Technology, Washington, DC. 120 pp. NABS.
- 1162 ***Kotila, P.M. & W.L.Hilsenhoff.** 1978. Effects of Antimycin on stream insects. Water Resources Centre, Univ. Wisconsin, Tech. Rep. WIS WRC 78-05. vi+55 pp.
- 1163 ***Kovalak, W.P.** 1976. Seasonal and diel changes in the positioning of *Glossosoma nigrrior* Banks (Trichoptera: Glossosomatidae) on artificial substrates. Can. J. Zool. 54:1585-1594. Engl., engl., fr. BA63-14043; EA8-1840; ZR113.
- 1164 *_____. 1978. Effects of a pool on stream invertebrate drift. Amer. midl. Nat. 99:119-127.
- 1165 *_____. 1978. Relationships between size of stream insects and current velocity. Can. J. Zool. 56:178-186. Engl., engl., fr. EA9-6405; ZR115.

- 1166 *_____. 1978. Diel changes in stream benthos density on stones and artificial substrates. *Hydrobiologia* 58:7-16.
- 1167 *_____. 1978. On the feeding habits of *Phasganophora capitata* (Plecoptera: Perlidae). *Gt Lks Ent.* 11:45-49. BA66-57208.
- 1168 *_____. 1979. Day-night changes in stream benthos density in relation to current velocity. *Arch. Hydrobiol.* 87:1-18.
- 1169 *_____. 1980. Effectiveness of size frequency distribution in regulating intraspecific spatial overlap of stream insects. *Hydrobiologia* 71:267-276. BA70-77197.
- 1170 *Kovoor, J. & L.Zylberberg. 1980. Fine structural aspects of silk secretion in a spider (*Aran-eus diadematus*): 1. Elaboration in the pyriform glands. *Tissue Cell* 12:547-556. BA71-528 85.
- 1171 *Kownacka, M. 1971. The bottom fauna of the stream Sucha Woda (high Tatra Mts.) in the annual cycle. *Acta Hydrobiol.* 13:415-438. Engl., pol. BA54-59573; ASFA(1)2-6841.
- 1172 Kownacka, M. & A.Kownacki. 1972. Vertical distribution of zoocenoses in the streams of the Tatra, Caucasus and Balkan Mountains. *Verh. int. Ver. theor. angew. Limnol.* 1971, Part 2:742-750. BR19-66239.
- 1173 *Kownacka, M. & G.Margreiter. 1978. Die Zoobenthos-Gesellschaften des Piburger Baches (Ötztal, Tirol). *Int. Rev. ges. Hydrobiol.* 63:213-232.
- 1174 *Kownacki, A. 1977. Biocenosis of a high mountain stream under the influence of tourism. 4. The bottom fauna of the stream Rybi Potok (the high Tatra Mts). *Acta Hydrobiol.* 19:293-312. Engl., pol.
- 1175 *Kownacki, A. & M.Kownacka. 1973. The distribution of the bottom fauna in several streams of the middle Balkan in the Summer period. *Acta Hydrobiol.* 15:295-310. Engl., pol., russ. BA58-60015; ASFA(1)4-6159.
- 1176 Koyama, N. 1980. [Cases and silk glands of some Trichoptera larvae.]. *Biol. inl. Wat.* (1): 19-26. Jap., engl. ZR123.
- 1177 Kozlov, A.T. 1977. Povedeniye litshinok rutshejnika *Phryganea grandis* L. pri remonte domikov. pp 126-130. *In: Etologitsheskije problemy ekologii nasekomykh sibiri. Sbornik nautshnykh trudov, Novosibirsk.*
- 1178 *_____. 1979. [Constructive behaviour of Caddis Fly *Limnophilus stigma* larvae during the construction of leaf and sand houses.]. *Zool. Zh.* 58:350-354. Russ., russ. BA68-64828; EA 11-367.
- 1179 *Kozlova, M.F. & V.A.Panasenko. 1977. [Annual rations and removal of food organisms by the populations of Bream (*Abramis brama* L.) and Ruffe (*Acerina cernua* L.) in the Kurski River.]. *Vopr. Ikhtiol* 17:437-444. Russ., russ. BA66-1388.
- 1180 *Kraft, R. & G. Pleyer. 1978. [On feeding behaviour of the European Water-Shrew, *Neomys fodiens* (Pennant, 1771), at fish ponds.]. *Zeit. Saeugetierk'd.* 43:321-330. Germ., germ., engl. BA68-21050.
- 1181 Kraiem, M.M. 1979. Ecology of the Barbel *Barbus barbus* (L. 1758) Cyprinidae from the French upper Rhone. PhD thesis, Univ. Claude Bernard, Lyon, France. Fr.
- 1182 *Kramek, W.C. 1972. Food of the frog *Rana septentrionalis* in New York. *Copeia* 1972: 390-392. ASFA(1)3-6419.
- 1183 *Krasnolobova, T.A., T.L.Ilyushina, & Z.I.Rybakova. 1974. New data on the developmental cycle of the trematode *Plagiorchis multiglandularis* (Plagiorchidae). *Trans. Gel'mintol. Lab.* 24:70-72. [From Ref. Zh. Biol. 1974, 7K117]. BR111-59564.
- 1184 Krassilov, V.A. & I.D.Sukatsheva. 1979. [Cases of Caddisflies made of the Karkenien (Ginkoaceae) seeds from the Low Cretaceous beds of Mongolia.]. *Proc. Biol. Inst. Far Eastern Sci. Centre, N.S.* 53:119-121. TN.
- 1185 *Kreis, R.D., R.L.Smith, & J.E.Moyer. 1971. The use of limestone-filled basket samplers for collecting reservoir macroinvertebrates. *Water Res.* 5:1099-1106.
- 1186 *Krenkel, P.A., G.F.Lee, & R.A.Jones. 1979. Effects of TVA impoundments on downstream water quality and biota. pp 289-306. *In: The ecology of regulated rivers.* eds Ward & Stanford. Plenum Press, N.Y.

- 1187 ***Krieger, R.I. & P.W.Lee.** 1973. Properties of the aldrin epoxidase system in the gut and fat body of a Caddisfly larva. J. econ. Ent. 66:1-6. BA55-66947; EA4-4409.
- 1188 ***Kristensen, N.P.** 1975. The phylogeny of hexapod "orders". A critical review of recent accounts. Zeit. Zool. Syst. Evolutionsforsch. 13:1-44. Engl., germ. BA60-49749.
- 1189 *_____. 1978. Phylogenetic methodology in hexapod high level systematics. Results and perspectives. Norw. J. Ent. 25:84-85. BRI17-52204.
- 1190 ***Kristensen, N.P. & E.S.Nielsen.** 1980. The ventral diaphragm of primitive (non-ditrysian) Lepidoptera: a morphological and phylogenetic study. Zeit. Zool. Syst. Evolutionsforsch. 18: 123-146. Engl., engl., germ. BA70-51601.
- 1191 ***Krno, I.** 1978. [Zoobenthos of the River Revúca and its tributaries.]. Biol. Pr., Sek. Biol. Alek vied 24:61-122. Sloven., sloven., engl., russ. BRI(BA/RRM)19-2246.
- 1192 ***Kroger, R.L.** 1972. Underestimations of standing crop by the surber sampler. Limnol. Oceanogr. 17:475-478.
- 1193 *_____. 1972. Diel periodicities and drift indices of insects in the Snake River, Grand Teton National Park, Wyoming. J. Elisha Mitchell Sci. Soc. 88(4):194-195. BRI10-228.
- 1194 ***Kroneld, R.** 1976. Phase shift of swimming activity in the Burbot *Lota lota* L. (Pisces, Gadidae) at the Arctic Circle. Physiol. Zool. 49:49-55. BA62-47710.
- 1195 ***Krumholz, L.A. & S.E.Neff.** 1975. Abatement of pollution in Hite Creek, Jefferson and Oldham Counties, Kentucky. Trans. Kentucky Acad. Sci. 31:25-37. BA60-57619.
- 1196 ***Krzyżanek, E.** 1971. [Bottom fauna in the Tresna Dam reservoir in 1966.]. Acta Hydrobiol. 13:335-342. ASFA(1)2-4625.
- 1197 *_____. 1977. Bottom macrofauna of the dam reservoir at Gocałkowiec in the years 1970-1975. Acta Hydrobiol. 19:51-67. Engl., pol.
- 1198 **Kubiček, F.** 1979. [Die Bedeutung der Insektenlarven in den aquatischen Oekosystem.]. Práce Obor. Bot. Zool. 1978-1979:25-36. Czech., germ. ZR117.
- 1199 ***Kubiček, F. & J.Helan.** 1976. Chemical and biological aspects of the eutrophication of a trout brook. Limnologica 10:399-403. BRI13-51462.
- 1200 ***Kubiček, F., P.Obrdlík, & I.Sukop.** 1971. To the understanding of quantitative relations of zoobenthos in our streams. Scr. Fac. Sci. nat. UJEP Brunensis, Biol. 1:75-92. Engl., russ.
- 1201 ***Kublitskas, A.K. & V.T.Sukatskas.** 1973. [Seasonal and age-related feeding changes of Brook Trout in Lithuanian spring-brooks.]. Liet. TSR Mokslu Akad. Darb., Ser. B 1:175-182. Lith., lith., engl. BA57-7206.
- 1202 ***Kubo, T., K.Itô, S.Inoue, T.Nasu [& 10 others].** 1975. Productivity of biotic communities in the Yurappu River. In: Productivity of communities in Japanese inland waters. eds Mori & Yamamoto. Jap. int. Biol. Progr. Synth. 10:287-338.
- 1203 ***Kugler, J.** 1978. Lake Kinneret. Part four: The benthic community. 2. The benthic fauna. M. Insects. 2. Chironomidae and Trichoptera. Monogr. biol. 32:369-376. ASFA(1)9-15731; ZR 116.
- 1204 ***Kumanski, K.** 1971. Beitrag zur Untersuchung der Köcherfliegen (Trichoptera) Bulgariens. 3. Izv. zool. Inst. Sofia 33:99-109. Bulg., germ., russ. ZR108.
- 1205 *_____. 1971. Beitrag zur Kenntnis der Wasserstudien einiger *Rhyacophila*-Arten (Rhyacophilidae, Trichoptera). Izv. zool. Inst. Sofia 33:49-70. Germ., bulg., russ. ZR108.
- 1206 *_____. 1972. [Beitrag zur erforschung der Köcherfliegen (Trichoptera) Bulgariens. IV. Vertreter aus Bulgarischen Höhlen.]. Bull. Inst. Zool. Mus., Acad. Bulg. Sci. 34:209-216. Bulg., germ., russ. ZR109.
- 1207 *_____. 1971. Eine neue *Hydroptila*-Art aus Bulgarien (Trichoptera: Hydroptilidae). Compt. rend. Acad. Bulg. Sci. 25:1261-1263. ZR109.
- 1208 *_____. 1972. Review of Autumn species of Caddisflies in Bulgaria (Insecta: Trichoptera). Bull. Inst. Zool. Mus., Acad. Bulg. Sci. 36:197-202. Engl., russ. ZR110.
- 1209 *_____. 1973. Zum Erkennen der Weibchen von der Gattung *Rhyacophila* in Bulgarien (Rhyacophilidae, Trichoptera). Bull. Inst. Zool. Mus., Acad. Bulg. Sci. 38:25-37. Germ., bulg. ZR110.
- 1210 *_____. 1973. Sur la connaissance du genre *Chionophylax* Schmid (Trichoptera: Limnephilidae). Nouv. Rev. Ent. 3:193-203. Fr., engl. BA58-26447; EA5-6929; ZR110.

- 1211 * _____. 1973. Die Unterfamilie Drusinae (Trichoptera) in Bulgarien. Tijdschr. Ent. 116 (6):107-121. BA56-61524; EA4-7062.
- 1212 * _____. 1973. Zu den Metamorphosestadien zweiter Glossosomatidae-Arten (Trichoptera). Reichenbachia 14:269-277. BA58-31967; EA5-2783; ZR110.
- 1213 * _____. 1974. Description de *Hydroptila angulifera*, une nouvelle espèce du Rhodope bulgare (Trichoptera, Hydroptilidae). Reichenbachia 15(10):71-75. BA62-14938; EA6-5303; ZR111.
- 1214 * _____. 1974. Le groupe *fulvipes-instabilis* du genre *Hydropsyche* Pict. en Bulgarie, avec description de deux nouvelles espèces (Trichoptera: Hydropsychidae). Nouv. Rev. Ent. 4: 145-152. EA6-198; ZR111.
- 1215 * _____. 1974. Bezüglich der möglichkeiten für ausnützung einiger Trichopteren-Larven als Limnosprobe Bioindikatoren. Bull. Inst. Zool. Mus., Acad. Bulg. Sci. 39:207-211. Germ., bulg. ZR111.
- 1216 * _____. 1975. Trichoptères recueillus à la lumiere en 1964-1965 dans la region des Lacs Masuriens de Pologne. Pol. Pismo ent. 45:63-66. Fr., pol. BA60-61813; EA6-6796; ZR112.
- 1217 * _____. 1975. La famille Glossosomatidae (Trichoptera) en Bulgarie. Acta Zool. Bulg. 3: 48-58. Fr., russ. EA7-4325; ZR112.
- 1218 * _____. 1975. [New trichopterological data from Bulgaria (Insecta, Trichoptera)]. Acta Zool. Bulg. 2:58-69. Bulg., engl., russ. ZR112.
- 1219 * _____. 1975. A new Balkan *Potamophylax* species (Trichoptera: Limnephilidae). Nouv. Rev. Ent. 5:85-88. Engl., engl., fr. BA60-61802; ZR112.
- 1220 * _____. 1975. [Études sur la faune et l'écologie des trichoptères (Trichoptera) du Rhodope]. Faune Rhodopes. Mater. Acad. Sci. Bulg. pp 65-91. Bulg., fr.
- 1221 * _____. 1976. [Fauna, taxonomy, zoogeography, & ecology Trichoptera (Trichoptera, Insecta) of Bulgaria.]. Inst. Zool., Acad. Sci. Bulg., Sofia. 37 pp. [Summary of PhD thesis]. Bulg. (Russ.???)
- 1222 * _____. 1978. A progress report on studies and some characteristics of the Bulgarian Caddis fauna. Proc. int. Symp. Trich. 2:103-108. BRI17-15115; ZR114.
- 1223 * _____. 1979. To the knowledge of the genus *Wormaldia* (Trichoptera, Philopotamidae) from the Balkans and Anatolia. Acta Zool. Bulg. 12:58-66. BRI(BA/RRM)19-36440.
- 1224 * _____. 1979. Description of *Drusus discophoroides* n. sp. and some critical notes on the reporting of *Drusus annulatus* Steph. from Bulgaria (Trichoptera, Limnephilidae). Acta Zool. Bulg. 12:67-69. BRI(BA/RRM)19-36441.
- 1225 * _____. 1979. The family Hydroptilidae (Trichoptera) in Bulgaria. Acta Zool. Bulg. 13:3-20. Engl., russ. BA70-37785.
- 1226 * _____. 1979. Trichoptera (Insecta) from New Guinea. Aquat. Ins. 1:193-219. EA12-154.
- 1227 * _____. 1979. Novi i redki za faunata na B'lgarija rutshejnitsi (Trichoptera). Acta Zool. Bulg. 13:72-75. Bulg., russ., engl. BA70-24142.
- 1228 * _____. 1980. To the knowledge of Chaetopterygini from the Caucasus (USSR) (Trichoptera, Limnephilidae). Reichenbachia 18(23):153-160. BA72-60063.
- 1229 * _____. 1980. A contribution to the knowledge of Trichoptera (Insecta) of the Caucasus. Acta Zool. Bulg. 14:32-48. Engl., russ. BRI(BA/RRM)21-48385.
- 1230 * _____. 1980. Descriptions of three new Caddis-flies (Trichoptera) from Bulgaria. Riv. Idrobiol. 19:197-206.
- 1231 ***Kumanski, K. & L. Botoșăneanu.** 1974. Les *Hydropsyche* (Trichoptera) du groupe de *guttata* en Bulgarie et en Roumanie. Acta Mus. Macedonici Sci. Nat. 14(2):25-43. Fr., maced. BA61-20424; EA7-7768; ASFA(1)6-244; ZR111.
- 1232 ***Kumanski, K. & H.Malicky.** 1975. Sieben neue *Tinodes*-Arten aus dem Ägäisraum (Trichoptera, Psychomyiidae). Ent. Zeits. m. Insektenbörse 85:25-33. EA6-3378; ZR112.
- 1233 * _____. 1976. Beitrage zur Kenntnis der bulgarischen Köcherfliegen (Trichoptera). Pol. Pismo ent. 46:95-126. BA63-63659; EA9-5948; ASFA(1)8-10423; ZR113.
- 1234 ***Kurtze, W.** 1974. Synökologische und experimentelle Untersuchungen zur Nachtaktivität von Insekten. Zool. Jb. Abt. Syst. Ökol. Geogr. Tiere 101:297-344. BA59-53845; EA6-6485.

- 1235 **Kustareva, L.A. & L.M.Ivanova.** 1980. [Benthos of the tributaries of Lake Isyk-Kul.]. Ilim 1980:1-101. Russ. ZR117.
- 1236 ***Kuusela, K.** 1980. Early summer ecology and community structure of the macrozoobenthos on stones in the Jäväjankoski rapids on the River Lestijoki, Finland. Acta Univ. Oulu., Ser. Biol. 87:1-130. ZR117.
- 1237 ***Kuwayama, S.** 1972. On the genus *Perisoneura* (Trichoptera: Odontoceridae). Kontyû 40:77-80. EA4-1945, 9-5950; BRI9-17241; ZR109.
- 1238 *_____. 1973. An enumeration of the family Phryganeidae from Japan and its adjacent territories (Trichoptera). Kontyû 41:35-43. EA9-3945; BRI10-3344; ZR110.
- 1239 ***Ladle, M. & B.S.Griffiths.** 1980. A study of the faeces of some chalk stream invertebrates. Hydrobiologia 74:161-172.
- 1240 ***Ladle, M., J.S.Welton, & J.A.B.Bass.** 1980. Invertebrate colonization of the gravel substratum of an experimental recirculating channel. Holarct. Ecol. 3:116-123.
- 1241 ***Lager, T.M., M.D.Johnson, S.N.Williams, & J.L.McCulloch.** 1979. A preliminary report on the Plecoptera and Trichoptera of northeastern Minnesota. Gt Lks Ent. 12:109-114. EA11-8931; ASFA(1)10-13530.
- 1242 ***Lamberti, G.A. & V.H.Resh.** 1979. Substrate relationships, spatial distribution patterns, and sampling variability in a stream Caddisfly population. Environ. Ent. 8:561-567. BA68-59639; EA11-4247.
- 1243 *_____. 1980. Geothermal influences on the interactions of benthic algae, bacteria, and herbivorous insects in a northern California stream. pp 10-12. In: Spec. Symp., NABS, March 26-28.
- 1244 ***Langdon, T.J. & A.B.Schlesinger.** 1978. Vertical distribution of macroinvertebrates in the Missouri River, U.S.A., near Fort Calhoun nuclear power station. Proc. Nebraska Acad. Sci. Affil. Soc. 88:16. [Abstract]. BRI16-31313.
- 1245 ***Langford, T.E.** 1975. The emergence of insects from a British river warmed by power station cooling-water. Part II. The emergence patterns of some species of Ephemeroptera, Trichoptera and Megaloptera in relation to water temperature and river flow, upstream and downstream of the cooling-water outfalls. Hydrobiologia 47:91-133. BA61-6945; EA7-6454; ASFA(1)6-8317; ZR112.
- 1246 ***Langford, T.E. & R.J.Aston.** 1972. The ecology of some British rivers in relation to warm water discharges from power stations. Proc. r. Soc., Ser. B biol. Sci. 180:407-419. BRI8-50391.
- 1247 ***Langford, T.E. & J.R.Daffern.** 1975. The emergence of insects from a British river warmed by power station cooling-water. Part I. The use and performance of insect emergence traps in a large, spate-river and the effects of various factors on total catches upstream and downstream of the cooling-water outfalls. Hydrobiologia 46:71-114. BA60-18989; EA5-6766.
- 1248 ***Lankhorst, L.** 1972. Cytotaxonomische studies aan trichopteren. Doct. scriptie, Afdeling Cytologie van het Genetisch Inst. der Rijks Univ., Utrecht. 84 pp + plates.
- 1249 *_____. 1972. Cytotaxonomic notes on some alpine Caddis-flies (Trichoptera: Rhyacophilidae, Odontoceridae, Limnephilidae). Genen en Phaenen 15(2-3):87-93. EA4-4056; BRI9-57651.
- 1250 **Lapchin, L.** 1976. Méthodologie d'étude des invertébrés benthique de deux ruisseaux à salmonidés de Bretagne. INRA, Centre Rech. Hydrobiol., Biarritz. 76 pp. ASFA(1)7-5845.
- 1251 *_____. 1977. [Utilization of artificial substrate in the study of benthic populations of invertebrates. Preliminary results obtained in a salmonid stream in Brittany.]. Ann. Hydrobiol. 8:33-44. Fr., fr., engl. NABS.
- 1252 *_____. 1977. [Microdistribution of benthic invertebrates in two salmonid streams in Brittany.]. Ann. Hydrobiol. 8:319-332. Fr., fr., engl. NABS.
- 1253 ***Lapchin, L. & M.Ingouf-le-Thiec.** 1977. [Examination of benthic invertebrate samples: comparative study of different sorting methods.]. Ann. Hydrobiol. 8:231-245. Fr., fr., engl. ZR114.

- 1254 ***Lapchin, L. & A.Neuveu**. 1979. Ecologie des principaux invertébrés filtreurs de la Basse Nivelle (Pyrénées). II. Hydropsychidae (Trichoptera). Ann. Limnol. 15:139-153. Fr., fr., engl. BA69-56620; EA11-4778; ASFA(1)10-15593.
- 1255 *_____. 1980. The production of benthic invertebrates: comparison of different methods. II. Application to the benthos of the Nivelle River (Pyrénées-Atlantiques, France). Acta Oecol., Oecol. gener. 1:359-372. Engl., fr. ZR118.
- 1256 ***Lapchin, L. & C.Roux**. 1977. [Utilization of correspondance analysis for the study of benthic invertebrates in two salmonid streams in Brittany.]. Ann. Hydrobiol. 8:333-354. Fr., fr., engl. NABS.
- 1257 **Lauren, R., A.Railland, & R.Ginet**. 1972. Etude préliminaire pour le Parc naturel régional du Bugey. 7. Les cavités naturelles et la faune souterraine du Bas-Bugey (Ain). Bull. Soc. ecol. Paris 3:401-412. EA6-2074.
- 1258 ***Lavandier, P. & J.Capblanq**. 1975. Influence des variations d'oxygene dissous sur les invertébrés benthiques d'un ruisseau des Pyrénées Centrales. Ann. Limnol. 11:101-106. EA8-1337.
- 1259 ***Lavandier, P. & J.Dumas**. 1971. Microrépartition de quelques espèces d'invertébrés benthiques dans les ruisseaux des Pyrénées Centrales. Ann. Limnol. 7:7-23. ASFA(1)2-2054.
- 1260 *_____. 1971. Cycles de développement de quelques invertébrés benthiques dans des ruisseaux des Pyrénées Centrales. Ann. Limnol. 7:157-172. ASFA(1)2-5409.
- 1261 ***Lavandier, P. & J.-Y.Pujol**. 1975. Cycle biologique de *Drusus rectus* (Trichoptera) dans les Pyrénées Centrales: influence de la température et de l'enneigement. Ann. Limnol. 11:255-262. Fr., engl. BA62-67403; EA8-2800; ZR113.
- 1262 ***Lavery, M.A. & R.R.Costa**. 1973. Geographic distribution of the genus *Parargyractis* Lange (Lepidoptera: Pyralidae) throughout the Lake Erie and Lake Ontario watersheds. J. NY ent. Soc. 81:42-49. BA56-59919.
- 1263 ***Laville, H.** 1974. Utilisation de substrats artificiels pour l'étude de la faune macrobenthique de la zone littorale rocheuse des lacs de montagne. Ann. Limnol. 10:163-172. BA60-24517.
- 1264 ***Layzer, J.B. & R.J.Reed**. 1978. Food, age and growth of the Tesselated Darter, *Etheostoma olmstedti*, in Massachusetts. Amer. midl. Nat. 100:459-462. BA67-53247.
- 1265 ***Leader, J.P.** 1971. Effect of temperature, salinity, and dissolved oxygen concentration upon respiratory activity of the larva of *Philanisus plebeius* (Trichoptera). J. Ins. Physiol. 17:1917-1924. BA53-20235; BA55-60962; EA3-1447; ZR108.
- 1266 *_____. 1972. Osmoregulation in the larva of the marine Caddis-fly, *Philanisus plebeius* (Walk.) (Trichoptera). J. exp. Biol. 57:821-838. EA4-2663; ZR109.
- 1267 *_____. 1972. The New Zealand Hydroptilidae (Trichoptera). J. Ent. (B) 41:191-200. BA 56-14839; EA4-2481; ASFA(1)3-8585; ZR109.
- 1268 *_____. 1976. Marine Caddis-flies (Trichoptera, Philanisidae). pp 291-302. In: Marine Insects. ed. L.Cheng. North-Holland Publ. Co., Amsterdam. BRI13-18642; ZR113.
- 1269 ***Leader, J.P. & J.J.Bedford**. 1979. Oviposition by the marine Caddisfly *Philanisus plebeius* (Walk.). Search 10:275-276.
- 1270 **le Duchat d'Aubigny, J.** 1980. Bibliographie des inventaires faunistiques de France. 1758-1979. Mecopteres et trichopteres. Invent. Faune Flore (4-5):30-48. ZR119.
- 1271 ***Lee, D.S., R.Franz, & R.S.Sanderson**. 1975. A note on the feeding habits of male Barbour's Map Turtles. Florida fld Nat. 3(2):39-44. BRI12-65352.
- 1272 **Leentvar, P.** 1975. Studies on the fauna of Surinam and other Guyanas: No. 56. Hydrobiological observations in Surinam, with special reference to the man-made Brokopondo Lake in 1964. Uitg. Natuurwet. Studiekring Suriname Ned. Antillen 8:1-173. BA62-42110.
- 1273 *_____. 1979. Additions and corrections to the Brokopondo study (Surinam). Amazoniana 6:521-528.
- 1274 ***LeGarff, B.** 1978. [Development of the malphigian system during metamorphosis in a primitive lepidopteran: *Korscheltellus lupulinus* L. (Hepialidae).]. Bull. Soc. zool. Fr. 103:59-65. Fr., fr., engl. BA68-3218.
- 1275 ***Legier, P. & J.Talin**. 1973. Comparaison de ruisseaux permanents et temporaires de la Provence carcaire. Ann. Limnol. 9:273-292. Fr., fr., engl. BA58-48444.

- 1276 ***Lehmann, U.** 1972. Tagesperiodisches Verhalten und Habitatswechsel der Larven von *Potamophylax luctuosus* (Trichoptera). *Oecologia* 9:265-278. BA54-65245; EA3-6565; ZR109.
- 1277 ***Lehmkuhl, D.M.** 1975. Field guide to aquatic insect families. *Blue Jay* 33:199-219. ZR115.
- 1278 *_____. 1979. Environmental disturbance and life histories: principles and examples. *J. Fish. Res. Bd Can.* 36:329-334.
- 1279 *_____. 1979. Trichoptera (Caddisflies). pp 101-120. *In: How to know the aquatic insects. Pictured key series, W.C.Brown Co., Publ., Dubuque, Iowa, USA.*
- 1280 ***Lehmkuhl, D.M. & C.D.Kerst.** 1979. Zoogeographical affinities and identification of central Arctic Caddisflies (Trichoptera). *Musk-Ox* 25:12-28. BA70-51603.
- 1281 ***le Lannic, J.** 1975. Contribution à l'étude du développement et de la maturation de l'appareil reproducteur de *Limnephilus rhombicus* L. *Bull. Soc. zool. Fr.* 100:539-551. Fr., engl. BA62-37455; ZR113.
- 1282 *_____. 1976. Développement de l'appareil reproducteur de quelques trichoptères limnéphiliques et premières données expérimentales sur son fonctionnement. Thés. present. Fac. Sci., Univ. Rennes 407(136):1-126. 11 plates.
- 1283 ***Lenat, D. & D.Penrose.** 1980. North Carolina. pp 4-5. *In: A guide to collection sites en route to Savannah. ed. J.C.Morse. N. Amer. benth. Soc.*
- 1284 ***Lenat, D.R., L.A.Smock, & D.L.Penrose.** 1980. Use of benthic macroinvertebrates as indicators of environmental quality. pp 97-112. *In: Biological monitoring for environmental effects. ed. D.L.Worf. Lexington Books, Lexington, Kentucky, USA.*
- 1285 ***Lengersdorf, F.** 1961. Die lebende Tierwelt der westfälischen Höhlen. Jar'heft. Karst-Höhlenk. 2:xxii + 297 pp. [Trichoptera on p. 209].
- 1286 ***Lepneva, S.G.** 1973. [The Caddis-fly *Plectrocnemia latissima* Martynov (Trichoptera, Polycentropodidae) from Caucasia and adjacent countries.]. *Ent. Obozr.* 52:391-396. Russ. [Engl. transl. in *Ent. Rev.* 52:271-274]. BA57-43882; EA4-7995; BRI11-34958; ZR110.
- 1287 ***LeSage, L. & A.D.Harrison.** 1979. Improved traps and techniques for study of emerging insects. *Ent. News* 90:65-78. NABS.
- 1288 ***Levanidov, V.Ya.** 1976. [Standing crop and a structure of bottom communities of small streams in Chukotka Peninsula.]. pp 104-122. *In: [The fresh-water fauna of Chukotka Peninsula]. SSSR Akad. Nauk, Vladivostok. Russ., engl.*
- 1289 *_____. 1977. [Biomass and structure of benthic biocenoses of the River Kedrovaya.]. pp 126-158. *In: [Freshwater fauna of the reserve 'Kedrovaya Pad'], Proc. Inst. Biol. Pedol., Far East Sci. Centre, Akad. Nauk SSSR, Vladivostok 45(148). ed. V.Ya.Levanidov. Russ.*
- 1290 *_____. 1977. The benthos biomass of some streams on the Chukotka Peninsula. *Gidrobiol. Zh.* 13:45-52. NABS.
- 1291 ***Levanidov, V.Ya. & I.M.Levanidova.** 1976. [The first results in studying the fauna of fresh-water invertebrates from Chukotka peninsula.]. pp 3-14. *In: [The fresh-water fauna of Chukotka peninsula], Akad. Nauk SSSR, Vladivostok. Russ., engl.*
- 1292 *_____. 1979. [Drift of water insects in River Amur.]. pp 3-26. *In: [Systematics and ecology of fish from continental waters of the Soviet Far East]. Akad. Nauk SSSR, Vladivostok. eds Levanidov, Levanidova, Chereshnov, & Makarchenko. Russ. ZR121.*
- 1293 ***Levanidov, V.Ya., I.M.Levanidova, & E.A.Nikolajeva.** 1978. Bentitsheskije soobshchestva rek korjaskskovo nagorja, penzhiny i severo-zapadnoj Kamtshatki. *Tr. biol. potschv. Inst., NS* 49(152):3-26.
- 1294 *_____. 1978. Godovaya dinamika bentosa R.Kirpitsnoi (jugo-vostotshnaya Kamtshatka). *Tr. biol. potschv. Inst., NS* 49(152):27-36.
- 1295 ***Levanidov, V.Ya., T.S.Vshivkova, & S.L.Kocharina.** 1979. [Biomass and structure of benthic biocenoses in forest brooks of the upper Ussuri basin.]. pp 27-35. *In: [Systematics and ecology of fish from the continental waters of the Soviet Far East] Akad. Nauk SSSR, Vladivostok. eds Levanidov, Levanidova, Chereshnev, & Makarchenko. Russ. ZR120, 121.*
- 1296 ***Levanidova, I.M.** 1972. Certain peculiarities in the distribution and ecology of Stoneflies, Mayflies and Caddisflies of the foothill rivers of northeast Asia. *Int. Congr. Ent.* 1968(3): 338-339. ZR109.

- 1297 * _____. 1975. [The Caddisflies (Trichoptera) of Kamchatka (an ecological faunistic outline)]. Bull. Pacific Sci. Inst. Fish. Oceanogr. 97:83-114.
- 1298 * _____. 1976. [Ephemeroptera and Trichoptera of Chukotka Peninsula]. pp 38-56. In: [The fresh-water fauna of Chukotka Peninsula]. Akad. Nauk SSSR, Vladivostok. Russ., engl. ZR113.
- 1299 * _____. 1977. [New species of the genus *Rhyacophila* (Trichoptera, Rhyacophilidae) from southern Primoriye.]. pp 64-71. In: [Freshwater fauna of the reserve 'Kedrovaya Pad'], Proc. Inst. Biol. Pedol., Far East Centre, Akad. Nauk SSSR, Vladivostok 45(148). ed. V.Ya. Levanidov. Russ. ZR114.
- 1300 * _____. 1978. Rutshejniki i podenki verkhej tshasti bassejna reki Ussuri. Biotsetnot. issled. na verkhnussur. stacionarje 1978:140-159.
- 1301 * _____. 1978. K faunje rutshejnikov severa dalnego vostoka. Litshinka *Onocosmoecus flavus* Mart. (Trichoptera, Limnephilidae). Tr. biol. potschv. Inst., NS 49(152):69-75.
- 1302 * _____. 1979. [On the systematics of the genus *Apatania* Kol. (Insecta, Trichoptera) in the Far East, *Apatania insularis* sp. n. from Kunashir Island.]. pp 70-77. In: [Systematics and ecology of fish from the continental waters of the Far East]. Akad. Nauk SSSR, Vladivostok. eds Levanidov, Levanidova, Cheresnov, & Makarchenko. Russ. ZR120, 121.
- 1303 * _____. 1979. [A new species of the genus *Apataniana* (Insecta, Trichoptera) from the northeast of the USSR.]. Zool. Zh. 58:273-275. Russ., engl. BA68-54398; EA10-5622.
- 1304 * _____. 1979. [*Glossosoma* (*Anagapetus*) *schmidi* sp. n. - a new Eurasian species of the subgenus *Anagapetus* of Glossosomatidae (Trichoptera).]. Tr. vses. ent. Obsch. 61:92-95. Russ. ZR116.
- 1305 * _____. 1980. [Ecologo-zoogeographical analysis of the genus *Rhyacophila* (Trichoptera, Rhyacophilidae) in the Far East of USSR.]. pp 60-74. In: [Freshwater fauna of the Far East]. Akad. Nauk SSSR, Vladivostok. ed. V.Ya. Levanidov. Russ. ZR119.
- 1306 *Levanidova, I.M., V.Ya. Levanidov, & E.A. Makarchenko. 1977. [Fauna of water invertebrates from the reserve 'Kedrovaya Pad']. pp 3-43. In: [Freshwater fauna of the reserve 'Kedrovaya Pad']. Proc. Inst. Biol. Pedol., Far East Sci. Centre, Akad. Nauk SSSR, Vladivostok. ed. V.Ya. Levanidov. Russ. ZR114.
- 1307 *Levanidova, I.M. & F. Schmid. 1977. Three new *Rhyacophila* from Siberia and the far-eastern USSR (Trichoptera, Rhyacophilidae). Nat. Can. 104:501-505. Engl., engl., fr. BA66-22027; EA9-5951; ZR114.
- 1308 *Levesque, R.C. 1972. Food availability and consumption by young Connecticut River Shad *Alosa sapidissima*. J. Fish. Res. Bd Can. 29:1495-1499. Eng., fr. BA55-48208.
- 1309 *Lewis, M. 1977. Aquatic inhabitants of a mine waste stream in Arizona. US Forest Serv. Res. Note RM (349):1-7. BRI15-18834.
- 1310 *Lewis, S.E. 1972. Fossil Caddisfly (Trichoptera) cases from the Ruby River basin (Oligocene) of southwestern Montana. Ann. ent. Soc. Amer. 65:518-519. BA55-20575; EA3-5815; ZR109.
- 1311 * _____. 1973. A new species of fossil Caddis-fly (Trichoptera: Limnephilidae) from the Ruby River basin, Oligocene of southwestern Montana. Ann. ent. Soc. Amer. 66:1173-1174. EA5-2059; BRI10-34596; ZR110.
- 1312 * _____. 1974. Fossil insects from the Ruby River basin, Oligocene of southwestern Montana. Proc. N. Cent. Bch ent. Soc. Amer. 29:156. BRI11-46855.
- 1313 * _____. 1975. Fossil insects of the Ruby River basin (Oligocene) of southwest Montana, USA. Proc. N. Cent. Bch ent. Soc. Amer. 30:85. BRI12-41209.
- 1314 *Lhonoré, D. 1973. Données histophysiologiques sur le développement post-embryonnaire d'un insecte trichoptère (*Phryganea varia* Fab.). Ann. Limnol. 9:157-176. BA58-38383; ZR 110.
- 1315 * _____. 1976. Application of histologic and micro-analysis techniques to the study of mineral and purine bio-accumulations of some aquatic insects. Ann. Hydrobiol. 7:69. BRI13-477 45.

- 1316 *_____. 1976. [Histophysiological data on mineral and purinic waste accumulations of *Notonecta glauca* L. (Insecta, Heteroptera). Ann. Limnol. 12:127-138. Fr., fr., engl. BA64-14 926.
- 1317 *_____. 1978. Mineral and purinic bioaccumulation in aquatic insects. Verh. int. Ver. theoret. angew. Limnol. 20:2652-2655.
- 1318 *Libert, E. 1973. Oekophysiologische Untersuchungen zur Temperatur- und Austrocknungsresistenz von Trichopterenlarven. Sitzungsber. Österr. Akad. Wiss., Math.-Naturw. Kl., Abt. I 181:163-190. BA59-8821; EA6-5434.
- 1319 Lichtenberg, R. 1972. Hydrobiologische Untersuchungen an einem südlich von Wien gelegenen Ziegelteich (Hallateich). Sitzungsber. Österr. Akad. Wiss., Math.-Naturw. Kl., Abt. I 180:279-316. BA57-30445.
- 1320 *Liddle, M.J., C.M.Happley-Wood, & A.Buse. 1979. A survey of the biota, environment and use for recreation of twelve lakes in Snowdonia. Biol. J. Linn. Soc. 11:77-101.
- 1321 *Liechti, P.M. & D.G.Huggins. 1980. Effects of a 24 hour ammonia injection on stream drift and benthic standing crop. Trans. Kansas Acad. Sci. 83:140. [Abstract]. BRI(BA/RRM)21-24 127.
- 1322 *Lien, L. 1978. The energy budget of the Brown Trout (*Salmo trutta*) population of Øvre Heimdalsvatn, Norway. Holarct. Ecol. 1:279-300. BA69-63546.
- 1323 *Lillehammer, A. 1973. An investigation of the food of one-to-four-month-old Salmon fry (*Salmo salar* L.) in the River Suldalslågen, west Norway. Norw. J. Zool. 21:17-24.
- 1324 *_____. 1973. Notes on the feeding relationships of Trout (*Salmo trutta* L.) and Salmon (*Salmo salar* L.) in the River Suldalslågen, west Norway. Norw. J. Zool. 21:25-28.
- 1325 *_____. 1974. [Studies on the movement of Salmon and Trout fry and invertebrates into flooded areas.]. Fauna 27:69-73. Norw., engl.
- 1326 *_____. 1978. The Trichoptera of Øvre Heimdalsvatn. Holarct. Ecol. 1:255-260. BA69-58 512; EA10-6876; ASFA(1)9-14705.
- 1327 *Lillehammer, A. & J.E.Brittain. 1978. The invertebrate fauna of the streams of Øvre Heimdalen. Holarct. Ecol. 1:271-276. BA69-5666.
- 1328 *Lillehammer, A. & S.J.Saltveit. 1979. Stream regulation in Norway. pp 201-211. In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, N.Y.
- 1329 *Lindegaard, C. 1979. The invertebrate fauna of Lake Mývatn, Iceland. Oikos 32:151-161.
- 1330 *_____. 1979. A survey of the macroinvertebrate fauna with special reference to Chironomidae (Diptera) in the rivers Laxá and Kráká, northern Iceland. Oikos 32:281-288.
- 1331 *Lindegaard, C. & P.M.Jónasson. 1979. Abundance, population dynamics and production of zoobenthos in Lake Mývatn, Iceland. Oikos 32:202-227.
- 1332 *Lindegaard, C. & J.Thorup. 1975. The invertebrate fauna of the moss carpet in the Danish spring Ravnkilde and its seasonal, vertical, and horizontal distribution. Arch. Hydrobiol. 75: 109-139.
- 1333 *Linsenmaier, W. 1972. Caddisflies Order Trichoptera. pp 372-375. In: Insects of the World. McGraw Hill, N.Y. Engl. [Germ. ed. by Droemersch Verlag. Th. Knauer nach f. Munich/Zürich].
- 1334 Litt, R. 1976. Notes et observations sur *Phryganea striata* L. (trichoptère - stégoptère). Rev. verviét. Hist. nat. 33:28-32. ZR113.
- 1335 _____. 1976. Notes et observations sur *Phryganea striata* L. (trichoptère - stégoptère). Suite et fin. Rev. verviét. Hist. nat. 33:44-47. ZR113.
- 1336 *Loeffler, Heinz. 1978. Limnological and paleolimnological data on the Bale Mountain lakes, Ethiopia. Verh. int. Ver. theoret. angew. Limnol. 20:1131-1138. BRI17-45710.
- 1337 *Löffler, Herbert. 1977. [Biological evaluation of fishing data in the 'Grosse Lauter', a trout brook in the Swabian Alb.]. Beitr. Naturk. Forsch. S'w'deuts. 36:81-90. BA67-27354.
- 1338 *Löhrl, H. 1979. [On food choice of insectivorous birds.]. Vogelwelt 100:48-54. Germ., germ., engl. BA68-52845.
- 1339 *Londt, J.G.H. 1974. Corneus spots in insects. J. ent. Soc. S. Afr. 37:5-14. BA58-50001; EA5-4851.

- 1340 *Long, A.G. 1971. The Trichoptera of Berwickshire: a preliminary list of species of Caddis Flies found in the Watsonian Vice-County 81. Hist. Berwickshire Nat. Club 38(III):241-250. ZR109.
- 1341 *Longridge, J.L. & W.L.Hilsenhoff. 1972. Aquatic insects of the Pine-Popple River, Wisconsin (Trichoptera (Caddisflies)). Wisc. Dept nat. Res. tech. Bull. 54:20-30. BA54-49738.
- 1342 *_____. 1973. Annotated list of Trichoptera (Caddisflies) in Wisconsin. Trans. Wisc. Acad. Sci. Arts Lett. 61:173-183. BA57-8983; ZR110.
- 1343 Lopez, R.M., D.P.Mont [& 6 others]. 1977. Limnologia de los Embalsos Espanoles. Madrid. 422 pp. [Trichoptera p. 272].
- 1344 *Losos, B. 1976. Zur Nahrung der Bachforelle (*Salmo trutta* m. *fario*) in der Trinkwassersperre Opatovice (Tschechoslovakei). Zool. Listy 25:275-288. Germ., engl., russ.
- 1345 *_____. 1977. The food of the Rainbow Trout (*Salmo gairdneri*) in the Opatovice water supply reservoir (Czechoslovakia). Scr. Fac. Sci. nat. UJEP Brunensis, Biol. 7:31-46. [Abstr.].
- 1346 *Luedtke, R.J. & M.A.Brusven. 1976. Effects of sand sedimentation on colonization of stream insects. J. Fish. Res. Bd Can. 33:1881-1886. Engl., engl., fr. BA63-31482; ZR113.
- 1347 *Luedtke, R.J., M.A.Brusven, & F.J.Watts. 1976. Benthic insect community changes in relation to in-stream alterations of a sediment-polluted stream. Melanderia 23:21-39.
- 1348 *Luedtke, R.J., D.M.Gillespie, & R.V.Thurston. 1974. Macroinvertebrate distribution in the East Gallatin River, Montana. Tech. Rep., Fish. Bioassay Lab., Montana St. Univ. 74(4):1-47.
- 1349 *Luhning, C.W., P.D.Harman, J.B.Sills, V.K.Dawson, & J.L.Allen. 1979. Gas-liquid chromatographic determination of Bayer 73 (2',5-dichloro-4'-nitrosalicylanidide 2-aminoethanol salt) in fish, aquatic invertebrates, mud, and water. J. Assoc. anal. Chem. 62:1141-1145. BA 69-47721.
- 1350 *Lüpkens, G. 1975. Beitrag zur Kenntnis der Symphorionten-Fauna aus Trichopterenlarven: *Haplocaulus brehmi* n. sp. und *Epistylis daxi* n. sp., zwei neue Peritrichen auf *Agapetus fuscipes* Larven. Symphoriontenstudien 2. Protistologica 11:295-296. Germ., germ., engl., fr. BA 62-26650; ZR112.
- 1351 *MacFarlane, R.P. 1979. Notes on insects of the Chatham Islands, New Zealand. NZ Ent. 7:64-70. BRI(BA/RRM)19-15395.
- 1352 *MacKay, R.J. 1972. Temporal patterns in life history and flight behaviour of *Pycnopsyche gentilis*, *P. luculenta* and *P. scabripennis* (Trichoptera: Limnephilidae). Can. Ent. 104:1819-1835. BA55-49494; EA4-974; ZR109.
- 1353 *_____. 1977. Behaviour of *Pycnopsyche* (Trichoptera: Limnephilidae) on mineral substrates in laboratory streams. Ecology 58:191-195. BA64-37516; EA8-7397; ZR114.
- 1354 *_____. 1978. Larval identification and instar association in some species of *Hydropsyche* and *Cheumatopsyche* (Trichoptera: Hydropsychidae). Ann. ent. Soc. Amer. 71:499-509. BA 66-71677; EA10-116; ZR115.
- 1355 *_____. 1979. Life history patterns of some species of *Hydropsyche* (Trichoptera: Hydropsychidae) in southern Ontario. Can. J. Zool. 57:963-975. Engl., engl., fr. BA68-54404; EA 11-4789; ASFA(1)10-8365.
- 1356 *MacKay, R.J. & J.Kalff. 1973. Ecology of two related species of Caddis Fly larvae in the organic substrates of a woodland stream. Ecology 54:499-511. BA56-65597; EA5-465; ZR 110.
- 1357 *MacKay, R.J. & G.B.Wiggins. 1978. Concepts of evolutionary ecology in nearctic Trichoptera. Proc. int. Symp. Trich. 2:267. BRI17-15135.
- 1358 *_____. 1979. Ecological diversity in Trichoptera. Ann. Rev. Ent. 24:185-208. ASFA(1) 10-8378; BRI17-18708.
- 1359 *MacLean, D.B. & B.K.MacLean. 1980. Report of new Trichoptera records for Ohio. Gt Lks Ent. 13:37-40.
- 1360 *MacLean, S.F., Jr & F.A.Pitelka. 1971. Seasonal patterns of abundance of tundra arthropods near Barrow. Arctic 24:19-40.

- 1361 ***McCafferty, W.P.** 1978. Pre-management assessment of aquatic macroinvertebrates in a small, sedimentary drainage area of the Maumee and Lake Erie basin. *Gt Lks Ent.* 11:37-43. BA66-57211.
- 1362 ***McCarthy, W.C. & J.Marks.** 1973. Effects of domestic and industrial pollution on the aquatic macro-invertebrate communities in Brodhead Creek. *Proc. Pennsylvania Acad. Sci.* 47:145-148. BRI10-59679.
- 1363 ***McClelland, W.T. & M.A.Brusven.** 1980. Effects of sedimentation on the behaviour and distribution of riffle insects in a laboratory stream. *Aquat. Ins.* 2:161-169. BA71-51287; EA 12-4857.
- 1364 ***McCoid, M.J. & T.H.Fritts.** 1980. Notes on the diet of a population of *Xenopus laevis* (Pipidae) in California, USA. *SW Nat.* 25:272-275. BRI(BA/RRM)19-34398.
- 1365 ***McCullough, D.A. & G.W.Minshall.** 1979. Bioenergetics of lotic filter-feeding insects *Simulium* spp. (Diptera) and *Hydropsyche occidentalis* (Trichoptera) and their function in controlling organic transport in streams. *Ecology* 60:585-596. BA69-42922; EA11-4225; ASFA(1) 10-7512.
- 1366 ***McCullough, D.A., G.W.Minshall, & C.E.Cushing.** 1979. Seston removal by filter-feeders. *Ecology* 60:1075.
- 1367 ***McDaniel, V.R. & K.J.Smith.** 1976. Cave fauna of Arkansas: selected invertebrate taxa. *Proc. Arkansas Acad. Sci.* 30:57-60. ZR113.
- 1368 ***McElravy, E.P., E.P.Arsuffi, & B.A.Foote.** 1977. New records of Caddisflies (Trichoptera) for Ohio. *Proc. ent. Soc. Wash.* 79:599-604. BA65-27477; EA9-5569; ASFA(1)8-8979; ZR 114.
- 1369 ***McElravy, E.P. & B.A.Foote.** 1978. Annotated list of Caddisflies (Trichoptera) occurring along the upper portion of the west branch of the Mahoning River in northeastern Ohio. *Gt Lks Ent.* 11:143-154. ASFA(1)10-1329; ZR115.
- 1370 ***McEwan, E.M.** 1980. Biology and life history of the genus *Agarodes* (Trichoptera: Sericostomatidae) in the southeastern U.S. MSc thesis, Clemson Univ., Clemson, S. Carolina, USA. 67 pp.
- 1371 ***McFarlane, A.G.** 1973. Five new species of Trichoptera from New Zealand. *J. r. Soc. NZ* 3:23-34. BA59-43882; ZR110.
- 1372 *_____. 1976. A generic revision of New Zealand Hydropsychinae (Trichoptera). *J. r. Soc. NZ* 6:23-35. BA63-16338; EA8-5612; ZR113.
- 1373 *_____. 1977. Light trapping of Caddisflies at Winchmore irrigation research station, mid-Canterbury, New Zealand, (May 1974 - September 1975). *Mauri Ora* 5:123-124. BA66-448 35; ZR114.
- 1374 ***McGary, J.L. & G.L.Harp.** 1972. The benthic macroinvertebrate community of the Greer's Ferry reservoir cold tailwater, Little Red River, Arkansas. *Proc. Ann. Conf. SE Assoc. Game Fish Commissioners* 26:490-500.
- 1375 ***McIntire, C.D. & J.A.Colby.** 1978. A hierarchical model of lotic ecosystems. *Ecol. Monogr.* 48:167-190. NABS.
- 1376 ***McKinley, R.E., R.Prins, & L.E.Jech.** 1972. Occurrence and distribution of arthropods in Travertine Creek, Platt National Park, Murray County, Oklahoma. *Proc. Oklahoma Acad. Sci.* 52:49-52. BRI10-53072; ZR109.
- 1377 ***McLachlan, A.J.** 1974. Development of some lake ecosystems in tropical Africa, with special reference to the invertebrates. *Biol. Rev.* 49:365-397.
- 1378 *_____. 1975. The role of aquatic macrophytes in the recovery of the benthic fauna of a tropical lake after a dry phase. *Limnol. Oceanogr.* 20:54-63.
- 1379 *_____. 1979. Decline and recovery of the benthic invertebrate communities. pp 143-160. *In: Lake Chilwa. Studies of change in a tropical ecosystem.* eds Kalk, McLachlan, & Howard-Williams. Monogr. Biol. 35. Junk, The Hague. NABS.
- 1380 ***McLachlan, A.J. & S.M.McLachlan.** 1971. Benthic fauna and sediments in the newly created Lake Kariba (Central Africa). *Ecology* 52:801-809. ASFA(1)2-4628; ZR109.
- 1381 *_____. 1975. The physical environment and bottom fauna of a bog lake. *Arch. Hydrobiol.* 76:198-217. ASFA(1)6-5359.

- 1382 ***McLellan, I.D.** 1975. The fresh-water insects. pp 537-559. *In: Biogeography and Ecology in New Zealand.* ed. G.Kuschel. Monogr. Biol. 27. Junk, The Hague. ISBN 90-6193-079-0. BRI12-8028.
- 1383 ***McMahon, J., J.Wolf, & M.Diggins.** 1972. Chironomidae, Ephemeroptera and Trichoptera in the benthos of unchannelized and channelized portions of the Missouri River. *Proc. S. Dakota Acad. Sci.* 51:168-181. BRI10-46465; ZR109.
- 1384 ***Macan, T.T.** 1973. A key to the adults of the British Trichoptera. *Freshw. biol. Assoc. Sci. Publ.* 28. 151 pp., 5 plates. Illustr. by C.J.Worthington. EA5-1861; ASFA(1)4-1271; BRI10-79213; ZR110.
- 1385 *_____. 1974. Structure of the community in the vegetation of a moorland fish pond. p. 130. *In: XIX Congr. int. Assoc. Limnol.* ed. K.E.Marshall. [Abstract]. BRI11-90435.
- 1386 *_____. 1975. Structure of the community in the vegetation of a moorland fishpond. *Verh. int. Ver. theoret. angew. Limnol.* 19:2298-2304.
- 1387 *_____. 1977. The fauna in the vegetation of a moorland fishpond as revealed by different methods of collecting. *Hydrobiologia* 55:3-15. BA65-13926.
- 1388 *_____. 1977. The influence of predation on the composition of fresh-water animal communities. *Biol. Rev.* 52:45-70.
- 1389 *_____. 1977. A twenty-year study of the fauna in the vegetation of a moorland fishpond. *Arch. Hydrobiol.* 81:1-24.
- 1390 *_____. 1980. Changes in the fauna of the stony substratum of lakes in the English Lake District. *Hydrobiologia* 72:159-164.
- 1391 ***Macan, T.T. & A.Kitching.** 1976. The colonization of squares of plastic suspended in midwater. *Freshw. Biol.* 6:33-40. BA62-7425; EA9-1727.
- 1392 **Madsen, B.L.** 1977. [Water flow brings food.]. *Kaskelot* (29):6-10. Dan. ZR114.
- 1393 _____. 1977. Undersøgelser over populationsbevægelser hos vandløbsinsekter. [Study of population movement in stream insects.]. *Zool. Revy* 39:22-29. Dan., engl. ZR114.
- 1394 ***Maetz, J.** 1974. Aspects of adaptations to hypo-osmotic and hyper-osmotic environments. *Biochem. Biophys. Perspect. mar. Biol.* 1:1-167. ASFA(1)5-8233.
- 1395 ***Magnin, E. & A.-M.Clement.** 1979. Croissance et régime des ménominis ronds *Protopium cylindraceum* (Pallas) du territoire de la Baie James. *Nat. Can.* 106:377-386. Fr., fr., engl. BA70-1576.
- 1396 ***Maitland, P.S.** 1978. The distribution of zoobenthos and sediments in Loch Leven, Scotland. *Arch. Hydrobiol.* 85:98-125. NABS.
- 1397 ***Makarchenko, E.A., I.M.Levanidova, & L.A.Zhiltsova.** 1980. [Preliminary data on the fauna of aquatic invertebrates on Wrangel Island.]. pp 3-13. *In: [Freshwater fauna of the Far East].* ed. V.Ya.Levanidov. SSSR Akad. Nauk, Vladivostok. Russ. ZR119.
- 1398 ***Maki, A.W. & H.E.Johnson.** 1977. Kinetics of lampricide (TFM, 3-trifluoromethyl-4-nitrophenol) residues in model stream communities. *J. Fish. Res. Bd Can.* 34:276-281. ZR115.
- 1399 ***Maksunov, V.A.** 1972. O gol'tse kushakevicha (*Nemachilus kuschakewitschi* Hertz.) vodoe-mov Ferganski doliny. [*N. k.* from the basins of the Ferhana valley.]. *Vestn. Zool.* 61:58-61. Russ. BA54-47727; EA3-8244; ASFA(1)2-6661.
- 1400 **Malaise, F.** 1976. Écologie de la Rivière Luanza. *Rés. sci. Expl. hydrobiol. Bassin Lacs Bangweolu et Luapula.* 17(2):1-151. ZR113.
- 1401 *_____. 1976. Les biocénoses de la Luanza: structures, relations, productions. Les biocénoses aquatiques. pp 59-80. *In: Écologie de la Rivière Luanza. Rés. sci. Expl. hydrobiol. Bassin Lacs Bangweolo et Luapula.* ed. J.-J.Simoens. Cercle Hydrobiologique de Bruxelles, Bruxelles.
- 1402 _____. 1977. Étude écologique de la Rivière Luanza et du son bassin. *In: Exploration hydrobiologique du bassin du Bangweolo - Luapula*, pp ??
- 1403 ***Malas, D. & J.B.Wallace.** 1977. Strategies for coexistence in three species of net-spinning Caddisflies (Trichoptera) in second-order southern Appalachian streams. *Can. J. Zool.* 55: 1829-1840. BA65-44951; EA9-4518; ASFA(1)8-8126; ZR114.
- 1404 ***Malicky, H.** 1971. Neue Funde von *Rhyacophila simulatrix* McL. (Trichoptera, Rhyacophilidae). *Bull. ent. Pologne* 41:313-317. EA3-2871; ZR108.

- 1405 * _____. 1971. Neue Arten und Fundorte von westpaläarktischen Köcherfliegen (Trichoptera: Psychomyiidae, Limnephilidae). Ent. Zeits. m. Insektenbörse 80:121-135. ZR108.
- 1406 * _____. 1971. Eine neue *Himalopsyche* aus Sumatra (Trichoptera, Rhyacophilidae). Ent. Zeits. m. Insektenbörse 81:116-118. ZR108.
- 1407 * _____. 1971. Eine neue *Micropterna* (Trichoptera, Limnephilidae) aus Italien - mit einem Überblick über die Gattungen *Stenophylax*, *Micropterna*, und *Mesophylax*. Die Höhle 22:15-19. ZR108.
- 1408 * _____. 1971. Über Köcherfliegen aus der Eisensteinhöhle Neiderösterreich. Die Höhle 22:71-73. ZR108.
- 1409 * _____. 1971. Trichopteren aus Italien. Ent. Zeits. m. Insektenbörse 81:257-266. ZR108.
- 1410 * _____. 1971. Köcherfliegen aus Kärnten mit bemerkungen über die Verbreitung der *Rhyacophila dorsalis* und der *Chaetopteryx villosa* gruppe in Österreich (Trichoptera). Carinthia, II 31:91-95.
- 1411 * _____. 1972. Weitere neue Arten und Fundorte von west paläarktischen Köcherfliegen (Trichoptera), vor allem aus dem östlichen Mediterrangebiet. Mitt. ent. Ges. Basel 22(2/3):25-68. BA56-67071; EA6-5302; ZR109.
- 1412 * _____. 1973. Ein vermutlicher Köcherfliegenbastard. Ent. Zeits. m. Insektenbörse 83:121-124. EA6-3814; ZR110.
- 1413 * _____. 1973. Eine neue Sericostomatidae aus der Ägäis: *Sericostoma bergeri* n. sp. (Trichoptera). Ent. Zeits. m. Insektenbörse 83:249-251. EA6-3379; ZR110.
- 1414 * _____. 1973. Gebirgsbach und Gebirgsbachleben. Jb. Ver. Schutz Alpenpfl. Tiere 38:48-60.
- 1415 * _____. 1973. Trichoptera (Köcherfliegen). Handbuch der Zoologie; IV. Arthropoda; 2. Insecta; 2. Spezielles, 29:1-114. Walter de Gruyter, Berlin, New York. ZR110.
- 1416 * _____. 1973. Results of the Austrian-Ceylonese hydrobiological mission 1970 of the Zoological University Institute of Vienna (Austria) and the Department of Zoology of the University of Ceylon, Vidyalankra Campus, Kelaniya (Sri Lanka). Part XVI: The Ceylonese Trichoptera. Bull. Fish. Res. Stn, Sri Lanka 24(1-2):153-177. ASFA(1)9-2258; ZR112.
- 1417 * _____. 1974. Die Köcherfliegen (Trichoptera) Griechenlands. Übersicht und Neubeschreibungen. Ann. Mus. Goulandris 2:105-135. BA60-67152; ZR111.
- 1418 * _____. 1974. Verzeichnis von Köcherfliegen (Trichoptera) aus dem südwestlichen Niederösterreich. Ökol. Ent. 1(3):1-13. ZR111.
- 1419 * _____. 1974. Acht neue mediterrane Köcherfliegen (Trichoptera). Ent. Zeits. m. Insektenbörse 84:229-238. EA6-4278; ZR111.
- 1420 * _____. 1974. Über den Status von *Triaenodes simulans* und *T. forsslundi* (Ins., Trichoptera, Leptoceridae). Mitt. Abt. Zool. Landesmus. Joanneum 3(3):139-141.
- 1421 * _____. 1974. Eine im marinen Gezeitenbereich lebende europäische Trichopterenlarve. Arch. Hydrobiol. 73:266-269. BA58-53675; EA6-2906.
- 1422 * _____, [Ed.]. 1975. Trichoptera Newsletter, Lunz am See, Austria. 1, 20 pp.
- 1423 * _____, [Ed.]. 1975. Trichoptera Newsletter, Lunz am See, Austria. 2, 23 pp.
- 1424 * _____. 1975. Fünfzehn neue mediterrane Köcherfliegen. Mitt. ent. Ges., Basel 25(3):81-96. EA7-3041; BRI12-42433; ZR112.
- 1425 * _____. 1975. Der derzeitige Erforschungsstand der Trichopteren Österreichs. Verh. int. Symp. Entomofauna Mitteleuropa. 7:105-117. Germ., engl. ZR115.
- 1426 * _____. 1975. Bericht über das Forschungsprojekt "Ökologische Untersuchungen an eumediterranen Fliessgewässern". Arb. biol. Stn. Lunz (859), 23 pp.
- 1427 * _____, [Ed.]. 1976. Trichoptera Newsletter, Lunz am See, Austria. 3, 20 pp.
- 1428 * _____. 1976. Ein neuer *Mesophylax* (Trichoptera, Limnephilidae) aus Äthiopien. Ent. Zeits. m. Insektenbörse 86:43-45. EA7-3819; ZR 112, 113.
- 1429 * _____. 1976. Eine neue Lepidostomatide (Trichoptera) aus Griechenland. Ent. Zeits. m. Insektenbörse 86:125-127. EA9-4185; ZR113.
- 1430 * _____. 1976. Beschreibung von 22 neuen westpaläarktischen Köcherfliegen (Trichoptera). Zeit. Arb. Österr. Ent. 27:89-104. BA63-63652.

- 1431 * _____. 1976. Trichopteren-Emergenz in zwei Lunzer Bächen 1972-1974. Arch. Hydrobiol. 77:51-65. BA62-53857; ASFA(1)6-10966; ZR113.
- 1432 * _____, [Ed.]. 1976. Proceedings of the First International Symposium on Trichoptera. Lunz am See, Austria, Sept. 16-20, 1974. Junk, The Hague. xii+213 pp. ISBN 90-6193-547-4. ZR113.
- 1433 * _____. 1976. A progress report on studies on Trichoptera of the eastern Mediterranean islands. Proc. int. Symp. Trich. 1:71-76. BRI12-62052; ZR113.
- 1434 * _____, [Ed.]. 1977. Trichoptera Newsletter, Lunz am See, Austria 4, 18 pp.
- 1435 * _____. 1977. Übersicht über Ökologie und Zoogeographie der Binnenwassertiere der Ägäischen Inseln. Biol. Gallo-Hellen. 6:171-238. Germ., gr., engl., fr. BA66-13595.
- 1436 * _____. 1977. Weitere neue und wenig bekannte mediterrane Köcherfliegen (Trichoptera). Nachr.-Bl. Bayer. Ent. 26(4):65-77. ZR114.
- 1437 * _____. 1977. Ein Beitrag zur Kenntnis der *Hydropsyche guttata*-gruppe (Trichoptera, Hydropsychidae). Zeit. Arb. Österr. Ent. 29:1-28. Germ., engl. BA66-52860.
- 1438 * _____. 1977. Das Männchen von *Mesophylax aethiopicus* Mal. (Trichoptera, Limnephilidae). Sitzungsber. Österr. Akad. Wiss., Math.-Naturw. Kl., Abt. I 186:279-284. BRI(BA/RRM)18-46475; ZR115.
- 1439 * _____. 1977. [The present state of research of the Trichoptera of Austria: larvae.]. In: Verh. int. Symp. Entomofauna Mitteleuropa 6:105-117. BRI14-18018.
- 1440 * _____, [Ed.]. 1978. Trichoptera Newsletter, Lunz am See, Austria 5, 26 pp.
- 1441 * _____. 1978. The taxonomic significance of eye proportions in adult Caddisflies. Proc. int. Symp. Trich. 2:155-157. BRI17-15122; ZR114.
- 1442 * _____. 1978. Trichopteren-Lichtfallenfänge im Gebiet von Abisko (Schwedisch-Lappland 1975-1976). Fauna Norrlandica 2:1-13, 1 fig, 5 tables. Germ., engl. EA10-1877.
- 1443 * _____. 1978. Beiträge zur Kenntnis der Insektenfauna Sumatras. Teil 7: Köcherfliegen (Trichoptera) aus Sumatra und West-Neuguinea I. Rhyacophilidae, Glossosomatidae, Stenopsychidae, Goeridae. Beitr. Naturk. Forsch. S'w'deuts. 37:159-173. Germ., germ., engl. BA 69-30927; EA10-5624; ZR115.
- 1444 * _____. 1978. The fate of some Martynov material. Trich. Newsl. 5:5.
- 1445 * _____. 1978. *Rhyacophila krauskasseggae* n. sp., eine neue Köcherfliege (Trichoptera) aus Sumatra. Zeit. Arb. Österr. Ent. 30:41-42. BA68-22620; ZR115.
- 1446 * _____. 1978. [A contribution to the knowledge of the *Notidobia* species (Trichoptera, Sericostomatidae) of the southern Balkan Peninsula.]. Ann. Mus. Goulandris 4:299-306. Germ., eng., gr. BA69-10293; ZR115.
- 1447 * _____. 1978. Köcherfliegen-lichtfallenfang am Donauufer in Linz (Trichoptera). Linzer biol. Beitr. 10:135-140. Germ., engl. ZR115.
- 1448 * _____. 1978. Der Temperaturgang einiger niederösterreichischer Gebirgsbächen (Ein Beitrag zur Typologie der Fliessgewässer). Wetter u. Leben, 30:170-183.
- 1449 * _____, [Ed.]. 1979. Trichoptera Newsletter, Lunz am See, Austria 6, 18 pp. ZR116.
- 1450 * _____. 1979(1983). Neue Köcherfliegen (Trichoptera) von den Andamanen Inseln. Zeit. Arb. Österr. Ent. 30:97-109. BA70-44605.
- 1451 * _____. 1979. Emergenzuntersuchungen (Trichoptera) an Lunzer Bächen. Jahresber. biol. Stn Lunz 1978:69-79. ASFA(1)12-14173.
- 1452 * _____. 1979. Köcherfliegen-Lichtfallenfang in Waldviertel. Jahresber. biol. Stn Lunz 1978:99-109. ASFA(1)12-13805.
- 1453 * _____. 1979. Notes on some Caddisflies (Trichoptera) from Europa and Iran. Aquat. Ins. 1:3-16. BA69-72436; EA11-9098; ASFA(1)10-17586.
- 1454 * _____. 1979. The Caddisflies (Insecta, Trichoptera) of the Ionian Islands. Biol. Gallo-Hellen. 8:141-144.
- 1455 * _____. 1979. Discussion général. 2. Limnofauna. pp 379-386. In: Zoogéographie et écologie de la Grèce et des régions avoisinantes. Comptes-rendu du 1re Symp. int. Biol. Gallo-Hellen.
- 1456 * _____. 1979. Revision der Köcherfliegensammlung von Pater Gabriel Strobl im Naturhistorischen Museum Admont. Mitt. Abt. Zool. Landesmus. Joanneum 8:11-42.

- 1457 * _____. 1979. [Two new species of Caddisflies of the genus *Drusus* Stephens (Trichoptera, Limnephilidae) from the Caucasus.]. Rev. Ent. 58:829-834. Russ. NABS.
- 1458 * _____, [Ed.]. 1980. Trichoptera Newsletter, Lunz am See, Austria 7, 20 pp. ZR117.
- 1459 * _____. 1980. Über die Verbreitung einiger Morphotypen von *Hydropsyche contubernalis* McL. (Trichoptera, Hydropsychidae), ein mögliches Object für beispielgebende genetische Untersuchungen von subspezifischen Differenzierungsprograssen. Jahresber. biol. Stn Lunz 1979:147-154. Germ., engl. ASFA(1)13-3121.
- 1460 * _____. 1980. Emergenzmessungen am Teichbach und am Schreierbach. Jahresber. biol. Stn Lunz 1979:113-122. ASFA(1)12-13996.
- 1461 * _____. 1980. Ein Beitrag zur Kenntnis der Verwandtschaft von *Stenophylax vibex* Curtis, 1834 (Trichoptera, Limnephilidae). Entomofauna 1:95-102. ZR119.
- 1462 * _____. 1980. Beschreibungen von neuen mediterranen Köcherfliegen und Bemerkungen zu Bekannten. Zeit. Arb. Österr. Ent. 32:1-17. BA73-39697; EA12-6703.
- 1463 * _____. 1980. Lichtfallenuntersuchungen über die Köcherfliegen (Insecta, Trichoptera) des Rheins. Mainzer naturw. Arch. 18:71-76.
- 1464 * _____. 1980. Vier neue Köcherfliegen von der Insel Guadeloupe (Klien Antillen, Mittelamerika) (Trichoptera). Entomofauna 1:219-225. ZR119.
- 1465 * _____. 1980. Evidence for seasonal migrations of larvae of two species of philopotamid Caddisflies (Trichoptera) in a mountain stream in Lower Austria. Aquat. Ins. 2:153-160. BA 71-51272; ASFA(1)11-7003.
- 1466 *Malicky, H. & K.Kumanski. 1974. Neun neue Köcherfliegen aus Südeuropa (Trichoptera). Ent. Zeits. m. Insektenbörse 84:9-20. EA6-3374; ZR111.
- 1467 *Malicky, H. & Y. Oláh. 1979. [Two new species of Caddis-flies of the genus *Drusus* Stephens (Trichoptera, Limnephilidae) from the Caucasus.]. Ent. Obozr. 58:829-834. Russ., engl. BA72-17766; BRI(BA/RRM)21-59306.
- 1468 *Malicky, H. & G.Winkler. 1974. Untersuchungen über die Höhlenimmigration von *Micropterna nycterobia* (Trichoptera, Limnephilidae). Oecologia 15:375-382. BA59-1251; EA6-2849; ZR111.
- 1469 *Malmqvist, B., L.M.Nilsson, & B.Svensson. 1976. Höstens lövfäll - energikälla för bäckens djursamhälle. Fauna och Flora 6:284-292.
- 1470 * _____. 1978. Dynamics of detritus in a small stream in southern Sweden and its influence on the distribution of the bottom animal communities. Oikos 31:3-16.
- 1471 Mamaev, B.M. 1972. [Key to insects classified according to their larvae.]. Prosveschenie Moskva, 400 pp. [Manual for Teachers]. ZR109.
- 1472 *Mancini, E.R., M.Busdosh, & B.D.Steele. 1979. Utilization of autochthonous macroinvertebrate drift by a pool fish community in a woodland stream. Hydrobiologia 62:249-256.
- 1473 *Mann, R.H.K. 1974. Observations on the age, growth, reproduction and food of the Dace, *Leuciscus leuciscus* (L.) in two rivers in southern England. J. Fish. Biol. 6:237-252. BA58-48383.
- 1474 * _____. 1976. Observations on the age, growth, reproduction and food of the Chub *Squalius cephalus* (L.) in the River Stour, Dorset. J. Fish Biol. 8:265-288.
- 1475 * _____. 1978. Observations on the biology of the Perch *Perca fluviatilis*, in the River Stour, Dorset. Freshw. Biol. 8:229-239.
- 1476 *Manuel, K.L. 1980. Alabama. pp 2-3. In: A guide to collection sites *en route* to Savannah. ed. J.C.Morse. N. Amer. benth. Soc.
- 1477 *Marcuzzi, G. & L.N.Faccipieri. 1978. Considerazioni ecologiche sul popolamento animale del Fiume Pescara. Riv. Idrobiol. 15:259-380. Ital., ital., engl. BA67-20874.
- 1478 * _____. 1979. Osservazioni ecologiche di alcune acque parzialmente artificiali dei dintorni di Milano (trezzano-Corsico). Riv. Idrobiol. 17:191-258. Ital., ital., engl. BA70-22295; ASFA(1)10-14182.
- 1479 Marinković-Gospodnetić, M. 1971. The species of the genus *Drusus* in Yugoslavia. God. biol. Inst. Univ. Sarajevo 24:105-109. ZR108.
- 1480 _____. 1971. New species of Trichoptera from Bosnia and Hercegovina. Bull. Sci. Cons. Acad. RSF Yugoslavia, Sect A Sci. nat. Tech. med. 16(5/6):144-145. EA3-781; BRI8-11610.

- 1481 _____, 1975. Fauna Trichoptera SR Srbije. Rec. trav. faune Ins. Serbia 1:221-236. Serb.-Croat.
- 1482 *_____. 1976. The differentiation of *Drusus* species of the group *Drusus bosnicus*. Proc. int. Symp. Trich. 1:77-85. EA7-6688; BRI12-6205; ZR113.
- 1483 *_____. 1978. Some characteristics of the Yugoslav fauna of Trichoptera. Proc. int. Symp. Trich. 2:83-88. BRI17-15113; ZR114.
- 1484 _____, 1978. The Caddisflies (Trichoptera, Insecta) of Hercegovina (Yugoslavia). God. biol. Inst. Univ. Sarajevo 31:115-131.
- 1485 _____, 1979. The species of the genus *Hydropsyche* of the group *pellucidula* (Trichoptera) in the Dinarides. Glas. Zemaljsk. Muz., NS 18, Prir. nauke:165-171.
- 1486 _____, 1979. Trichoptera (Insecta) relikih izvara u Dinoridima. Drugi Kongr. Ekol. Jugosl., Zadar-Plitvica (1-7/10/1979):1837-1849. TN.
- 1487 _____, 1980. [Fauna of Trichoptera of SR Serbia.]. Zborn. Rad. fauni Srb. 1:71-84. Serb.-Croat., engl. ZR122.
- 1488 ***Markarian, R.K.** 1977. The effects of varying temperature regimes on the growth, emergence, and distribution of five species of aquatic insects in a small mountain stream. Dissert. Abs. int. (B) 37:4855-4866. ZR114.
- 1489 *_____. 1980. A study of the relationship between aquatic insect growth and water temperature in a small stream. Hydrobiologia 75:81-95. BA71-37135; EA12-4863.
- 1490 ***Markin, G.P., H.L.Collins, & J.Davis.** 1974. Residues of the insecticide Mirex in terrestrial and aquatic invertebrates following a single aerial application of Mirex bait, Louisiana -1971-72. Pestic. monit. J. 8:131-134. ASFA(1)5-10248.
- 1491 ***Marlier, G.** 1971. Sur l'espece *Ganonema annulicornes* Navas 1931. Rev. Zool. Bot. Afr. 84:140-144. ZR108.
- 1492 *_____. 1971. Etudes sur la productivite des etangs de Haute Belgique. La biologie de *Limnephilus lunatus* Curtis (Trichoptera). Bull. Inst. r. Sci. nat. Belg., Ent. 47(40):1-9. BA 54-14693; ZR109.
- 1493 _____, 1975. Sur trois trichoptères nouveaux recueillis en Amerique du Sud par le Professeur J. Illies. Bull. Inst. r. Sci. nat. Belg., Ent. 40(6):1-15. ZR112.
- 1494 *_____. 1977. The larvae of the genus *Pisulia* Marlier and its affinities. Trich. Newsl. 4:4. ZR115.
- 1495 _____, 1977. Les insectes aquatiques. Nat. Belg. 58(4/5):97-110. BA65-9814; ZR114.
- 1496 _____, 1977. Les insectes aquatiques. Nat. Belg. 58(6/7):166-178. BA65-59443; ZR114.
- 1497 _____, 1977. Les insectes aquatiques. Nat. Belg. 58:226-235; 266-280. ZR114.
- 1498 _____, 1977. Les insectes aquatiques. Nat. Belg. 58(12):295-309. Fr. BA66-28006; ZR 114.
- 1499 _____, 1978. Les insectes aquatiques. Nat. Belg. 59(1/2):37-44. Fr. BA66-71560; ZR115.
- 1500 *_____. 1978. Sur une collection de trichoptères de l'Afrique occidentale. Rev. Zool. Afr. 92:283-302. Fr., engl. BA70-17182; EA11-185; ASFA(1)10-1335.
- 1501 *_____. 1978. Les larves et nymphes des trichoptères des Seychelles. Proc. int. Symp. Trich. 2:31-54. BRI17-15109; ZR114.
- 1502 *_____. 1978. Quelques trichoptères du Gabon. Ent. Ber., Amsterdam 38:40-44. Fr., engl. EA9-7302; ZR115.
- 1503 _____, 1978. Les insectes aquatiques. Nat. Belg. 100 pp.
- 1504 _____, 1979. Une nouvelle espèce de *Dipseudopsis* de Thaïlande (Trichoptères Polycentropodidae.]. Bull. Inst. r. Sci. nat. Belg., Ent. 51(4):1-11. Fr., fr. BA72-31819; ZR116.
- 1505 *_____. 1979. Une nouvelle espèce de *Pisulia*, son developpement et la position systematique de ce genre (Trichoptera). Ann. Cape Prov. Mus. nat. Hist. 11:245-258. Fr., engl. EA10-4763.
- 1506 *_____. 1980. Quelques trichoptères Africains appartenant au Zoologisch Museum, Universiteit van Amsterdam. Bull. zool. Mus. Univ. Amsterdam 7(6):61-64. Fr., engl. BA70-24151; EA11-7944; ZR118.
- 1507 ***Marlier, G. & H.Malicky.** 1979. A new *Helicopsyche* from the Seychelles (Trichoptera, Helicopsychidae). Zeit. Arb. Österr. Ent. 30:110-112. BA70-17186.

- 1508 ***Marlier, G., M.Marlier, & B.Goddeeris.** 1980. Études sur la productivité des Étangs de Haute-Belgique. Le cycle biologique des trichoptères. Bull. Inst. r. Sci. nat. Belg., Ent. 52(1): 1-16.
- 1509 ***Marsh, P.C. & T.F.Waters.** 1980. Effects of agricultural drainage development on benthic invertebrates in undisturbed downstream reaches. Trans. Amer. Fish. Soc. 109:213-223.
- 1510 ***Marshall, G.A.** 1974. Dynamics of a small stream affected by waste discharges with emphasis on fish and benthic macroinvertebrate populations. Dissert. Abs. int. (B) 34:4487-4488. ZR111.
- 1511 ***Marshall, J.E.** 1977. *Hydroptila martini* sp. n. and *Hydroptila valesiaca* Schmid (Trichoptera: Hydroptilidae) new to the British Isles. Ent. Gaz. 28:115-122. BA65-71368; EA8-6354; ZR114.
- 1512 *_____. 1978. Trichoptera. Hydroptilidae. Handbooks for the identification of British Insects I(14/a), 31 pp. R. ent. Soc. London. EA11-2121; ZR115.
- 1513 *_____. 1978. Trichoptera Hydroptilidae. Provisional Atlas of the Insects of the British Isles (8), 4 pp + 33 maps. Monks Wood Exper't'l Stn, Huntingdon, England.
- 1514 *_____. 1979. A description of the female of *Hydroptila tigurina* Ris (Trichoptera: Hydroptilidae). Ent. Gaz. 30:213-214. EA11-1446.
- 1515 *_____. 1979. A review of the genera of the Hydroptilidae (Trichoptera). Bull. Brit. Mus. (Nat. Hist.), Ent. 39:135-239.
- 1516 ***Marshall, J.W. & M.J.Winterbourn.** 1979. An ecological study of a small New Zealand stream with particular reference to the Oligochaeta. Hydrobiologia 65:199-208.
- 1517 ***Martin, R.G. & J.V.Shireman.** 1976. A quantitative sampling method for *Hydrilla*-inhabiting macroinvertebrates. J. aquat. Plant Manage. 14:16-19. BA64-7844.
- 1518 ***Martin, W.W.** 1977. The development and possible relationship of a new *Atkinsiella* parasitic in insect eggs. Amer. J. Bot. 64:760-769. BA65-6959.
- 1519 ***Martin, W.W. & D.D.Dean.** 1977. Observations on new fungal parasites of insect eggs producing appressorial complexes. Bull. Assoc. SE Biol. 24(3):70. BRI13-97359. [Abstract].
- 1520 ***Marx, M.** 1978. [Quantitative structure of the phytophilous fauna of Lake Marica (Dolj District)]. Stud. Cercet. Biol., Ser. Biol. anim. 30:77-82. Rom., rom., engl. BA68-72516.
- 1521 *_____. 1978. [Qualitative and quantitative structure of the benthic fauna of Lake Victoria (Jud. Dolj)]. Stud. Cercet. Biol., Ser. Biol. anim. 30:141-147. Rom., engl.
- 1522 ***Masaki, S.** 1980. Summer diapause. Ann. Rev. Ent. 25:1-26. BRI(BA/RRM)18-56761.
- 1523 ***Masnik, M.T., J.R.Stauffer, C.H.Hocutt, & J.H.Wilson.** 1976. The effects of an oil spill on the macroinvertebrates and fish in a small southwestern Virginia creek. J. environ. Sci. Health, A 11:281-296. BRI13-3254.
- 1524 ***Mason, C.F.** 1977. The performance of a diversity index in describing the zoobenthos of two lakes. J. appl. Ecol. 14:363-368. NABS.
- 1525 *_____. 1977. Populations and production of benthic animals in two contrasting shallow lakes in Norfolk. J. anim. Ecol. 46:147-172.
- 1526 *_____. 1978. Artificial oases in a lacustrine desert. Oecologia 36:93-102.
- 1527 ***Mason, C.F. & R.J.Bryant.** 1974. The structure and diversity of the animal communities in a broadland reedswamp. J. Zool. 172:289-302.
- 1528 *_____. 1975. Production, nutrient content and decomposition of *Phragmites communis* Trin. and *Typha angustifolia* L. J. Ecol. 63:71-95.
- 1529 *_____. 1975. Changes in the ecology of the Norfolk Broads. Freshw. Biol. 5:257-270.
- 1530 ***Mason, J.C.** 1976. Evaluating a substrate tray for sampling the invertebrate fauna of small streams, with comment on general sampling problems. Arch. Hydrobiol. 78:51-70. Engl., engl., germ. ASFA(1)7-740.
- 1531 ***Mason, W.R.M.** 1971. An Indian *Agriotypus* (Hymenoptera: Agriotypidae). Can. Ent. 103: 1521-1522. EA3-2222.
- 1532 ***Mason, W.T., Jr & P.A.Lewis.** 1975. The influence of sieve mesh size selectivity on benthic invertebrate indices of eutrophication. Verh. int. Ver. theoret. angew. Limnol. 19:1550-1561.

- 1533 ***Mason, W.T., Jr, C.I.Weber, P.A.Lewis, & E.C.Julian.** 1973. Factors affecting the performance of basket and multiplate macroinvertebrate samplers. *Freshw. Biol.* 3:409-436. BA57-65387; EA5-2447; ZR110.
- 1534 ***Masteller, E.C.** 1977. An aquatic emergence trap on a shale stream of western Pennsylvania. *Melsheimer Ent. Ser.* (23):10-15. BA66-69732.
- 1535 ***Masteller, E.C., H.N.Cunningham, Jr, & D.R.Leavers.** 1976. Biological, chemical and geological characteristics during August, September, of Lake Erie tributaries of Erie County, Pennsylvania. *Proc. Pennsylvania Acad. Sci.* 50:45-58. BRI13-59725; ZR113.
- 1536 ***Masteller, E.C. & O.S.Flint, Jr.** 1979. Light trap and emergence trap records of Caddisflies (Trichoptera) of the Lake Erie region of Pennsylvania and adjacent Ohio. *Gt Lks Ent.* 12: 165-177. EA11-9838; ASFA(1)10-17568.
- 1537 *_____. 1980. Emergence phenology of Trichoptera from Six Mile Creek, Erie County, Pennsylvania, U.S.A. *Aquat. Ins.* 2:197-210. BA71-65405; EA12-6940; ASFA(1)11-12368.
- 1538 *_____. 1980. Caddisfly (Trichoptera) emergence patterns from two streams of the Allegheny National Forest area of Pennsylvania, USA. *Melsheimer Ent. Ser.* (29):12-22. BA72-673 20.
- 1539 ***Mathis, B.J.** 1973. Species diversity of benthic macroinvertebrates and limnological conditions in a first order mountain stream. *Trans. Illinois St. Acad. Sci.* 66:29-32.
- 1540 ***Mathur, D.** 1973. Food habits and feeding chronology of the Blackbanded Darter, *Percina nigrofasciata* (Agassiz), in Halawakee Creek, Alabama. *Trans. Amer. Fish. Soc.* 102:48-55. BA56-19035.
- 1541 *_____. 1974. Food habits of the Rough Shiner, *Notropis baileyi* Suttkus and Raney, in Halawakee Creek, Alabama. *Amer. midl. Nat.* 92:84-93. BA58-48388.
- 1542 *_____. 1977. Food habits and competitive relationships of the Bandfin Shiner in Halawakee Creek, Alabama. *Amer. midl. Nat.* 97:89-100.
- 1543 ***Matida, Y., S.Kimura, H.Tanaka, & M.Yokote.** 1976. Effects of some herbicides applied in the forest to the freshwater fishes and other aquatic organisms: III. Experiments on the assessment of acute toxicity of herbicides to aquatic organisms. *Bull. freshw. Fish. Res. Lab.* 26(2):79-84. Engl., engl., jap. BA65-18254; ZR113.
- 1544 ***Matsuda, R.** 1976. Morphology and evolution of the insect abdomen, with special reference to developmental patterns and their bearings upon systematics. Pergamon Press, Oxford, NY, Toronto, etc. [Trichoptera on pp 401-410.
- 1545 ***Matter, W.J. & J.A.Hopwood.** 1980. Vertical distribution of invertebrate drift in a large river. *Limnol. Oceanogr.* 25:1117-1121. EA12-7119; BRI(BA/RRM)20-46384.
- 1546 ***Matthews, J.V., Jr.** 1975. Insects and plant macrofossils from two Quaternary exposures in the Old Crow - Porcupine region, Yukon Territory, Canada. *Arct. Alpine Res.* 7:249-259.
- 1547 ***Matthey, W.** 1971. Ecologie des insectes aquatiques d'une tourbière du Haut-Jura. *Rev. Suisse Zool.* 78:367-536. ASFA(1)2-3870.
- 1548 ***Mauch, E.** 1976. [Principal forms of saprobic organisms for the biological analysis of bodies of water.]. *Cour. Forschungsinst. Senckenb.* 21:564-797. Germ. BA63-41625. [Trichoptera pp 697-722].
- 1549 **Maughan, J.T., E.F.Benfield, & A.C.Hendricks.** 1974. Ecology of aquatic insects in Sinking Creek. Part 3. Age distribution and synchronisation of life histories of selected populations of aquatic insects. *Bull. Assoc. SE Biol.* 21(2):68. BRI11-74480.
- 1550 ***Mayama, H.** 1976. [Aquatic fauna of the Anebetsu River during downstream migration of Chum Salmon fry.]. *Sci. Rep. Hokkaido Salmon Hatchery* (30):55-73. ZR115.
- 1551 *_____. 1978. [Feeding habit of adult Kokanee Salmon (*Oncorhynchus nerka*) in Lake Shikotsu.]. *Sci. Rep. Hokkaido Salmon Hatchery* (32):49-56. Jap., jap., engl. BA67-59329.
- 1552 **Mayer, A. & J.Wirth.** 1978. Die Höhlen des Hirschcheck und der Traweng (Tauplitzalm, Steiermark). *Die Höhle* 29:40-57.
- 1553 ***Mecom, J.O.** 1972. Productivity and distribution of Trichoptera larvae in a Colorado mountain stream. *Hydrobiologia* 40:151-176. BA55-44158; EA4-391; ASFA(1)3-570.
- 1554 *_____. 1972. Feeding habits of Trichoptera in a mountain stream. *Oikos* 23:401-407. Engl., russ. BA56-26555; EA4-5333; ASFA(1)3-6415.

- 1555 *Medler, J.T. 1980. 23. Order Trichoptera. *In: Insects of Nigeria -- Check List and Bibliography.* Mem. Amer. ent. Inst. 30:295-297.
- 1556 *Meier, P.G., D.L.Penrose, & L.Polak. 1979. The rate of colonization by macroinvertebrates on artificial substrate samplers. *Freshw. Biol.* 9:381-392.
- 1557 *Meitz, A.K. & M.J.Klug. 1975. Microflora associated with alimentary tracts of aquatic insect larvae. *Abstr. ann. Meet. Amer. Soc. Microbiol.* 75:120. [Abstract]. BRI11-72679.
- 1558 *Mendelson, J. 1975. Feeding relationships among species of *Notropis* (Pisces: Cyprinidae) in a Wisconsin stream. *Ecol. Monogr.* 45:199-230. BA60-53578.
- 1559 Menking, D.E. 1978. Biology and life history of the Caddisfly genus *Phylocentropus* (Polycentropodidae) with special reference to influences of heated water. MSc thesis, Clemson Univ., S. Carolina, USA. 28 pp NABS.
- 1560 Menshutkina, T.V. 1975. [The eco-faunistic characteristics of benthos. Trichoptera.]. *Tr. zool. Inst. Leningrad* 57:124-127. ZR112.
- 1561 _____. 1975. [Ecological and faunistic review of the zoobenthos of the lakes. Trichoptera.]. pp 132-134. *In: [The biological productivity of northern lakes: 1. Lakes Krivogye and Krugloye.]. ed. G.G.Vinberg. Proc. zool. Inst. Acad. Sci. USSR* 56. BRI12-52686; ZR112.
- 1562 *Merkley, W.B. 1978. Impact of Red Rock Reservoir on the Des Moines River. pp 62-76. *In: Current perspectives on river-reservoir ecosystems. eds Cairns, Benfield, & Webster.* 25th ann. meet. NABS, Proc. Symp. Publ. NABS.
- 1563 Merkt, G. 1974. Die Trichopteren des Federseegebiets. *Beih. Veröff. Natursch. Landschafts- pfl. Bad.-Württ.* 4:17-48. BerRob.
- 1564 *Merrill, D. & G.B.Wiggins. 1971. The larva and pupa of the Caddisfly genus *Setodes* in North America (Trichoptera: Leptoceridae). *Life Sci. occ. Pap. r. Ontario Mus.* (19):1-12. BA58-43994.
- 1565 *Merritt, R.W., K.W.Cummins, & V.H.Resh. 1978. Collecting, sampling, and rearing methods for insects. pp 13-28. *In: An Introduction to the Aquatic Insects of North America. eds Merritt & Cummins.* Kendall/Hunt, Dubuque, Iowa. ISBN 0-8403-1813-8.
- 1566 *Merritt, R.W., D.H.Ross, & B.V.Peterson. 1978. Larval ecology of some lower Michigan Black Flies (Diptera: Simuliidae) with keys to the immature stages. *Gt Lks Ent.* 11:177-208. NABS.
- 1567 *Mesick, C.F. & J.C.Tash. 1980. Effects of electricity on some benthic stream insects. *Trans. Amer. Fish. Soc.* 109:417-422. BA71-1698.
- 1568 *Mey, W. 1976. *Potamophylax jungi* n. sp. - eine neue Limnephilidae aus Rumanien (Trichoptera). *Ent. Nachr. Ber.* 20(11):166-168. Germ., engl., russ. EA9-4186; ZR113.
- 1569 *_____. 1977. Wenig bekannte Köcherfliegen in der DDR (I). *Faunist. Abh. Mus. Tierk.* 6:315-319. Germ., germ., engl. BA68-3494; ZR114.
- 1570 *_____. 1978. Beitrag zur Trichoptera-Fauna Rumäniens I. *Ent. Nachr. Ber.* 22(1):7-12. Germ., engl., russ. BA68-29289; EA9-6484; ZR115.
- 1571 *_____. 1978. Köcherfliegen aus Mittelasien. *Ent. Nachr. Ber.* 22(2):27-28. Germ., engl., russ. BA68-22609; EA9-7062; ZR115.
- 1572 *_____. 1978. Beitrag zur Trichoptera-Fauna Rumäniens II. *Ent. Nachr. Ber.* 22(4):61-63. Germ., engl., russ. BA67-16159; EA9-7078; ZR115.
- 1573 *_____. 1978. Trichoptera aus der Westmongolei. *Mitt. zool. Mus. Berlin* 54:97-98. BA 68-9858; ZR115.
- 1574 *_____. 1978. Köcherfliegen aus dem Ural (UdSSR). *Ent. Nachr. Ber.* 22:122-125. Germ., engl., russ. BA70-17184; EA10-2223; ZR115.
- 1575 *_____. 1979. *Rhyacophila joosti* sp. nov. in Bulgarien. *Ent. Nachr. Ber.* 23:124-125. Germ., engl., russ. EA11-5319.
- 1576 *_____. 1979. Die *Potamophylax luctuosus* Piller verwandtschafts-gruppe im Kaukasus (Trichoptera, Limnephilidae). *Deuts. Ent. Zeit., NF* 26:39-41.
- 1577 *_____. 1979. *Kelgena* n. gen. aus dem Kaukasus (Trichoptera: Chaetopterygini). *Deuts. Ent. Zeit., NF* 26:265-270.
- 1578 *_____. 1979. Sammler für Raritäten gesucht (Trich.). *Ent. Ber., Amsterdam* 1979:8. ZR 117.

- 1579 *_____. 1980. Neue Fundorte von Köcherfliegen in der MVR (Insecta, Trichoptera) (Ergebnisse der Mongolisch-Deutschen Biologische Expeditionen seit 1962, 84). Mitt. zool. Mus. Berlin 56:103-109. BA76-3839.
- 1580 _____. 1980. Die Köcherfliegenfauna der DDR (Insecta, Trichoptera). Thesis, Univ. Halle-Wittenberg. 155 pp. TN.
- 1581 *_____. 1980. Wenig bekannte Köcherfliegen in der DDR (II) (Trichoptera). Faunist. Abh. Mus. Tierk. 7:163-166. Germ., engl. BA72-31815; EA12-4337.
- 1582 *Mey, W., D.Braasch, W.Joost, R.Jung, & F.Klima. 1979. Die bisher vom gebiet der DDR bekannten Köcherfliegen (Trichoptera). Ent. Nachr. Ber. 23:81-89. Germ., engl., russ. EA11-4372; ASFA(1)10-7004.
- 1583 *Mey, W. & A.Dulmaa. 1980. Beitrag zur Trichopterenfauna der Mongolei (I) (Trichoptera). Faunist. Abh. Mus. Tierk. 7:171-174. Germ., engl. BA72-45925; EA12-5025.
- 1584 *Mey, W. & A.Müller. 1979. [New Trichoptera from the Caucasus, USSR (Trichoptera)]. Reichenbachia 17:175-182. Germ. BA73-3511.
- 1585 *Mey, W. & F.Tietze. 1979. Aerogene beeinflussung stehender Gewässer und deren Trichopterenzoosen (Trichoptera - Insecta) in Immissions-gebiet Duebener Heide. Hercynia, NF 16:264-272. EA12-4802; ASFA(1)11-9705.
- 1586 *Meynell, P.J. 1973. A hydrobiological survey of a small Spanish river grossly polluted by oil refining and petro-chemical wastes. Freshw. Biol. 3:503-520. ZR110.
- 1587 *Michaelis, F.B. 1973. The distribution and life history of *Rakiura vernale* (Trichoptera: Helicopsychidae). J. r. Soc. NZ 3:295-304. BA59-20410.
- 1588 *_____. 1977. Biological features of Pupu Springs. NZ J. mar. freshw. Res. 11:357-374. BA66-26365; ZR114.
- 1589 Mickoleit, G. 1978. Die phylogenetischen Beziehungen der Schnabelfliegen Familien aufgrund morphologischer Ausprägungen der weiblichen Genital- und Postgenital-segmente (Mecoptera). Ent. Gen. 4:258-271.
- 1590 *Middleton, M.I. 1977. The possible discovery of the egg masses of *Nemotaulius punctatolineatus* (Retzius) in Britain (Trichoptera: Limnephilidae). Ent. Gaz. 28:45-50. BA66-40350; EA8-3890; ZR114.
- 1591 *Mikkola, K. 1972. Behavioral and electrophysiological responses of night-flying insects, especially Lepidoptera, to near-ultraviolet and visible light. Ann. zool. Fenn. 9:225-254. EA 5-2812.
- 1592 *Mikkola, H., H.Oksman, & P.Shemeikka. 1979. Experimental study of mortality in Vendace and Whitefish eggs through predation by bottom fauna and fish. Aqua. Fenn. 9:68-72. Engl., engl., fin. BA72-58398; ZR119.
- 1593 Miller, J.M. 1974. The food of Brook Trout (*Salvelinus fontinalis* (Mitchell)) fry from different subsections of Lawrence Creek, Wisconsin. Trans. Amer. Fish. Soc. 103:130-134. BA57-65490; EA6-984; ASFA(1)4-9384.
- 1594 *Miller, L.S. & W.P.Kovalak. 1980. Relationships between abundance of insects and standing crop of coarse detritus in a Pennsylvania stream. Int. Rev. ges. Hydrobiol. 65:439-444.
- 1595 *Mingo, T.M., D.L.Courtmanch, & K.E.Gibbs. 1979. The aquatic insects of the St John River drainage, Aroostook County, Maine. Univ. Maine life Sci. agric. exp't'l Stn tech. Bull. 92:1-22.
- 1596 Mingo, T.M. & K.E.Gibbs. 1980. The aquatic insects of the Narraguagus River, Washington and Hancock Counties, Maine. Univ. Maine, Orono, Life Sci. & Agric. Experim. Stn Tech. Bull. 100. 63pp.
- 1597 *Minshall, G.W. & D.A.Andrews. 1973. An ecological investigation of the Portneuf River, Idaho: a semiarid-land stream subjected to pollution. Freshw. Biol. 3:1-30. ZR110.
- 1598 *Minshall, G.W. & J.N.Minshall. 1977. Microdistribution of benthic invertebrates in a Rocky Moubtain (U.S.A.) stream. Hydrobiologia 55:231-249.
- 1599 *_____. 1978. Further evidence on the role of chemical factors in determining the distribution of benthic invertebrates in the River Duddon. Arch. Hydrobiol. 83:324-355.
- 1600 *Mitchell, P. & D.Wighton. 1979. Larval and adult insects from the Paleocene of Alberta, Canada. Can. Ent. 111:777-782. BA69-17322.

- 1601 *Mitsch, W.J., M.A.McPartlin, & R.D.Letterman. 1978. Energetic evaluation of a stream ecosystem affected by coal mine drainage. Verh. int. Ver. theoret. angew. Limnol. 20:1388-139. NABS.
- 1602 *Mixon, J.W., M.A.McPartlin, & J.R.Marshall. 1975. A comparison of the populations of stream organisation above and below an industrial effluent. Bull. Assoc. SE Biol. 22(2):69. BRI12-72727.
- 1603 *Miyakawa, K. 1973. [The embryology of the Caddis-fly *Stenopsyche griseipennis* (Trichoptera, Stenopsychidae). Part I. Early stages and changes in external form of embryo.]. Kontyû 41:413-425. BRI10-99798; ZR110.
- 1604 *_____. 1974. [The embryology of the Caddisfly *Stenopsyche griseipennis* MacLachlan (Trichoptera, Stenopsychidae): II. Formation of germ band, yolk cells and embryonic envelopes, and early development of inner layer.]. Kontyû 42:64-73. BA60-8879; EA9-3477; ZR 111.
- 1605 *_____. 1974. [The embryology of the Caddisfly *Stenopsyche griseipennis* MacLachlan (Trichoptera, Stenopsychidae): III. Organogenesis; ectodermal derivations.]. Kontyû 41:305-324. BA59-61268; ZR111.
- 1606 *_____. 1974. [The embryology of the Caddisfly *Stenopsyche griseipennis* MacLachlan: IV, Organogenesis: mesodermal derivations.]. Kontyû 42:451-466. BA60-2716; EA9-8570; ZR111.
- 1607 *_____. 1975. [The embryology of the Caddisfly *Stenopsyche griseipennis* MacLachlan (Trichoptera, Stenopsychidae): V. Formation of alimentary canal and other structures, general consideration and conclusion.]. Kontyû 43:55-74. BA60-55064; ZR112.
- 1608 Mizuno, T. 1974. Progress report of research work in Tasek Beru, Malaysia. (2). Mem. Osaka Kyoiku Univ., Nat. Sci. appl. Sci. 23:17-32. ZR113.
- 1609 *Modde, T. & J.C.Schmulbach. 1977. Food and feeding behaviour of the Shovelnose Sturgeon, *Scaphirhynchus platyrhynchus*, in the unchannelized Missouri River, South Dakota. Trans. Amer. Fish. Soc. 106:602-608. BA65-44957.
- 1610 *Mogensen, B. 1971. Varfluer *Oxyethira* (Klapalek 1890), ny for Danmark (Trichoptera). Flora Fauna 77(1):13-14. BA52-102092; ZR109.
- 1611 *_____. 1973. Varfluer fra Laeso (Trichoptera). Ent. Medd. 41:161-166. Dan., engl. BA 58-38712; EA5-3219; ZR110.
- 1612 *Mokry, J.E. 1974. Studies on the ecology and biology of Black Fly larvae utilizing an *in situ* benthobiosphere. p. 141. In: XIX Congr., Int. Assoc. Limnol. ed. K.E.Marshall. [Abstract]. BRI11-90458.
- 1613 *_____. 1975. Studies on the ecology and biology of Blackfly larvae utilizing an *in situ* benthobiosphere. Verh. int. Ver. theoret. angew. Limnol. 19:1546-1549.
- 1614 *_____. 1977. [News and notes.]. Eatonia 23:3.
- 1615 *Mol, A. 1979. Flora and fauna of European running waters. Europ. Comm. conserv. nat. & nat. res., CDSN (79)7, 42 pp. [Repr. in: Higler, L.W.G., ed. 1988. A worldwide surface water classification system. U.N. Environment Programme, U.N.E.S.C.O., Paris].
- 1616 *Monk, D.C. 1976. The distribution of cellulase in freshwater invertebrates of different feeding habits. Freshw. Biol. 6:471-475. ZR113.
- 1617 *Montgomery, J.C. & D.H.Fickeisen. 1979. Tolerance and buoyancy of aquatic insect larvae exposed to gas supersaturated water. Environ. Ent. 8:655-658. BA69-17090.
- 1618 Moog, O. & E.Christian. 1976. Erstnachweis einer cavernicolen Köcherfliegen-Art für Österrreich. Die Höhle 27:94. ZR113.
- 1619 *Moore, J.W. 1980. Factors influencing the composition, structure and density of a population of benthic invertebrates. Arch. Hydrobiol. 88:202-218. NABS.
- 1620 *Moore, J.W., V.A.Beaubien, & D.J.Sutherland. 1979. Comparative effects of sediment and water contamination on benthic invertebrates in four lakes. Bull. environ. Contam. Toxicol. 23:840-847. BRI(BA/RRM)18-40963.
- 1621 *Mordukhai-Boltovskoi, F.D. 1978. Zoobenthos and other invertebrates living on substrata. pp 235-270. In: The River Volga and its life. ed. F.D.Mordukhai-Boltovskoi. Junk, The Hague. NABS.

- 1622 *Moretti, G.P. & M.C.Bicchierai. 1978. Ultrastruttura del palpo mascellare androconiale nel [male] di *Sericostoma pedemontanum* McL. Boll. Zool. 45 Suppl.:35. ZR115.
- 1623 *_____. 1978. Esame istologico e struttura al S.E.M. e T.E.M. delle placche furcifere addominali nella larva di *Sericostoma pedemontanum* McL. (Trichoptera). Boll. Zool. 45:228-229. ZR115.
- 1624 *_____. 1979. Struttura androconiale di *Hydroptila aegyptia* Ulm. Riv. Idrobiol. 18:173-195. Ital., ital., engl. BA73-3202; ASFA(1)11-17197.
- 1625 *_____. 1979. Androconia alare de *Beraemyia squamosa* Mos. Riv. Idrobiol. 18:329-336. Ital., engl. ZR116.
- 1626 *_____. 1979. Immagini al SEM dell'androconia alare di *Beraea* n. sp. Riv. Idrobiol. 18:229-235. Ital., ital., engl. BA72-67025.
- 1627 *_____. 1979. Osservazioni al SEM e TEM del palpo mascellare androconiale nel M di *Sericostoma pedemontanum* McL. Riv. Idrobiol. 18:197-213. Ital., ital., engl. BA73-3203.
- 1628 *_____. 1979. Placche furcifere della "linea laterale" nella larva di *Sericostoma pedemontanum* McL. Riv. Idrobiol. 18:215-228. Ital., ital., engl. BA73-3204.
- 1629 *_____. 1979. Formazioni androconiali dell'ala posteriore di *Silo nigricornis* Pict. Riv. Idrobiol. 18:379-390. Ital., engl. ZR116.
- 1630 *Moretti, G.P., G.Cenci, L.Frati, & G.Sbaraglia. 1975. Comparative regulation of colloid osmotic pressure by serum proteins in man and insects. IRCS Med. Sci. Libr. Compend. 3(7): 351. BRI12-16753.
- 1631 *Moretti, G.P., G.Cenci, Q.Pirisinu, G.Sbaraglia, & F.Tucciarelli. 1975. Separazione mediante discoelettroforesi ed ultracentrifugazione di frazioni proteiche della emolinfa larvale de *Hydropsyche pellucidula* Curt. e di *Hydropsyche dissimulata* Kum. e Bot. (Insecta, Trichoptera). Riv. Idrobiol. 14:111-118. Ital., ital., engl. BA63-38900; ASFA(1)8-11386; ZR112.
- 1632 *Moretti, G.P. & F.Cianficconi. 1975. Sui popolamenti tricoterologici di alcune fonti appenniniche incombe la minaccia di una progressiva estinzione. Atti. X-XX 5th Simp. naz. Conserv. Nat. 2:69-83.
- 1633 *_____. 1976. The taxonomical and chorological problems of *Drusus improvisus* McL. in the north-central Italian Apennines. Proc. int. Symp. Trich. 1:93-104. EA7-6689; BRI12-62055; ZR113.
- 1634 *_____. 1978. Stato attuale delle conoscenze sulla fauna dei tricoteri della Sicilia. Boll. Zool. 45 Suppl.:35. ZR115.
- 1635 *_____. 1978. The *Sericostoma* Latr. genus in Italy. Proc. int. Symp. Trich. 2:7-30. BRI 17-15108; ZR114.
- 1636 *_____. 1979. Geonemia e variabilita' di popolazioni del tricottero *Potamophylax cingulatus* Steph. nelle acque correnti Italiane. Conv. XLVII Unione Zool. Ital., Bergamo-Milano, Boll. zool. 6 Suppl.:150-151.
- 1637 *_____. 1980(1983). Le attuali conoscenze sui tricoteri della Sardegna. Lav. Soc. Ital. Biogeogr., NS 8:593-639. Ital., ital., engl. ZR132.
- 1638 *Moretti, G.P., F.Cianficconi, & M.C.Bicchierai. 1975. The structure of the abdominal fork-bearing plates in the larva of *Grammotaulius atomarius* Fbr. (Trichoptera, Limnephilidae). Boll. Zool. 42:423-425.
- 1639 *_____. 1979. Androconie alari in alcune specie di insetti tricoteri: morfologia, istologia ed ultrastruttura. Conv. XLVII Unione Zool. Ital., Bergamo-Milano, Boll. zool. 6 Suppl.:152-153.
- 1640 *_____. 1979. Squame androconiali delle ali posteriori di *Drusus improvisus* McL. (Insecta Trichoptera). Riv. Idrobiol. 18:337-351. Ital., ital., engl. ZR116.
- 1641 *Moretti, G.P., F.Cianficconi, C.Corallini-Sorcetti, P.Gattaponi, & F.Tucciarelli. 1979. Varieta' e ricchezza di esponenti neritici nel Lago di Piediluco (Umbria: Terni) alimentazione e grado di parassitismo della fauna ittica. Boll. Soc. Ital. Biol. speriment. 55:1288-1294. Ital., engl. BA70-22302.
- 1642 *Moretti, G.P., F.Cianficconi, C.Marucchini, & F.Federici. 1976. Acidi grassi in larve mature di *Hydropsyche dissimulata* Kum. Bot. e di *H. pellucidula* Curt. (Insecta, Trichoptera). Boll. Soc. Ital. Biol. speriment. 52:2119-2123. ZR114.

- 1643 *Moretti, G.P., F.Cianficconi, & A.Pirisinu. 1972. Annotazioni biologiche sui tricoteri cavernicoli di un sistema ipogeo della Toscana in rapporto all'idrografia esterna. Riv. Idrobiol. 11:17-46. Ital., ital., engl. ASFA(1)4-11444; BRI10-91347; ZR109.
- 1644 *_____. 1974. [Facies of the Winter fauna of the Piano-Grande astatic ecosystem, Sibillini Mountains, Umbria.]. Riv. Idrobiol. 13:90-110. BRI12-86039.
- 1645 *_____. 1976. The Trichoptera population of a temporary ecosystem of the Umbrian Apennines, Perugia, Italy. Proc. int. Symp. Trich. 1:111-115. EA7-7301; BRI12-62057; ZR113.
- 1646 *Moretti, G.P., F.Cianficconi, & F.Tucciarelli. 1978. Primo bilancio sulla composizione e distribuzione dei tricoteri nel Lago di Piediluco. Boll. Zool. 45:229. ZR115.
- 1647 *_____. 1979. Bilancio ecologico e geonemico delle biocenosi alle confluenze del F.Tevere in Umbria. Lav. Soc. Ital. Biogeogr., NS 4:1-46.
- 1648 *Moretti, G.P. & C.Corallini-Sorcetti. 1976. Eugregarines infesting the digestive tract of trichopteran larvae from some Italian regions. Boll. Zool. 43:69-73. BA68-28851; EA10-2894; ZR113.
- 1649 *_____. 1978. Biologia e morfologia di *Hydroptila sparsa* Curt. reperita in un biotopo reico de acque salmastre (Insecta Trichoptera). Boll. Zool. 45 Suppl. :36. ZR115.
- 1650 *_____. 1978. Una nuova sotto-specie di Leptoceridae alofilo con areale discontinuo (Insecta Trichoptera). Boll. Zool. 45 Suppl.:36.
- 1651 *_____. 1980. Al Lago Trasimeno è arrivata *Ceraclea fulva* Ramb. (Trichoptera - Leptoceridae). Riv. Idrobiol. 19:249-258. Ital., ital., engl. ASFA(1)13-17849; ZR118.
- 1652 *Moretti, G.P., C.Corallini-Sorcetti, & P.Gattaponi. 1979. Confronto tra il regime alimentare della scardola *Scardinius erythrophthalmus* (L.) in tre laghi dell'Italia centrale (L. di Piediluco, L. di Bolsena, L. Trasimeno) e considerazione sui suoi parassiti. Conv. XLVII Unione Zool. Ital., Bergamo-Milano Boll. Zool. 6 Suppl.:154-155.
- 1653 *Moretti, G.P., C.Corallini-Sorcetti, & R.Montini. 1978. [Epibiosis and parasitism in Trichoptera.]. Riv. Idrobiol. 17:1-26. Ital., ital., engl. BA69-49619; ASFA(1)10-7561.
- 1654 *Moretti, G.P., C.Corallini-Sorcetti, & F.Vignaroli. 1978. Biologia ed ecologia di una nuova larva del gruppo de specie *Pararhyacophila* in Umbria. Riv. Idrobiol. 17:85-135. BA69-51507.
- 1655 *_____. 1978. Ciclo biologico, etologia ed ecologia di un nuovo taxon del genere *Rhyacophila* Pict. (Trichoptera). Boll. Zool. 45:230-231. ZR115.
- 1656 *Moretti, G.P., P.Gattaponi, & C.Corallini-Sorcetti. 1978. Presenza e ricchezza della componente tricoterologica nel regime alimentare de alcune species ittiche dei Laghi di Piediluco e di Bolsena. Boll. Zool. 45:230. ZR115.
- 1657 *Moretti, G.P. & M.Mearelli. 1972. [Accelerated pupation, and hemolymphatic changes in larvae of *Hydropsyche pellucidula* and of *Hydropsyche* sp. kept in water rich in chloride.]. Boll. Zool. 38:542. BRI9-25198.
- 1658 *_____. 1978. [Zonation of Trichoptera fauna by ecological parameters and through multivariate factors in a confluent hydrosystem of the River Tiber (Umbria, Perugia).]. Riv. Idrobiol. 17:137-187. BA69-49620; ASFA(1)10-7468.
- 1659 *Moretti, G.P. & Q.Pirisinu. 1976. Effects of detergents on case-bearing trichopteran larvae. Boll. Zool. 43:37-50. BA66-37045.
- 1660 *Moretti, G.P., Q.Pirisinu, C.Ravizza, & M.A.Fiorelli. 1972. Tricoteri e coleoteri idrodefagi del L. di Ventina. Riv. Idrobiol. 11:79-100. BRI10-90643; ZR109.
- 1661 *Moretti, G.P., J.Rossi, F.Clementi, L.Costamaqna, M.Ingi, F.Rossi, & G.Spinelli. 1976. Fisionomia della colonizzazione batterica reperibile sul tegumento delle larve di *Hydropsyche pellucidula* (Insecta - Trichoptera). Riv. Idrobiol. 15:237-254. Ital., ital., engl. BA66-52571; ASFA(1)8-11656.
- 1662 *Moretti, G.P. & G.S.Spinelli-Batta. 1978. Caratteri morfologici e tassonomici della larva non ancora descritta di *Hydropsyche dissimulata* Kum. Bot. (Trichoptera). Boll. Zool. 45:231. ZR115.
- 1663 *_____. 1978. Proposta du una revisione ecologica di tre specie di tricoteri del genere *Tinodes*, descrizione di una larva ancora sconosciuta ed individuazione dei caratteri diagnostici. Boll. Zool. 45 Suppl.:37. ZR115.

- 1664 * _____. 1979. Bilancio sistematico delle rappresentanze del genere *Halesus* appartenenti al gruppo *digitatus*, nella penisola Italiana e nella Sardegna. Riv. Idrobiol. 18:237-265. Ital., engl. ZR116.
- 1665 * _____. 1979. Descrizione morfologica e tassonomica della larva di *Hydropsyche dissimulata* Kum. & Bot. nuova per la scienza. Riv. Idrobiol. 18:133-167. Ital., ital., engl. BA72-742 76; ASFA(1)11-16366.
- 1666 *Moretti, G.P. & M.Trentini. 1980. [First chromosome observations in the germ cell of females of *Potamophylax cingulatus* Steph. and *Halesus radiatus* Curt.]. Riv. Idrobiol. 73:263-266. Ital., engl. EA12-4043; ZR119.
- 1667 *Moretti, G.P. & F.Tucciarelli. 1978. Rappresentanti rivieraschi della tricoterofauna del Lago di Vico (Lazio). Boll. Zool. 45 Suppl.:37. [Abstract]. ZR115.
- 1668 *Moretti, G.P., F.Tucciarelli, & F.Cianficconi. 1979. Colonizzazione delle cascate delle Marmore da parte di tricoteri reofili e limnofili. Conv. XLVII Unione Zool. Ital., Bergamo-Milano Boll. Zool. 6 Suppl.:156-157.
- 1669 *Moretti, G.P., F.Tucciarelli, & E.Crucolini. 1978. [*Hydroptila aegyptia* Ulm. larva.]. Riv. Idrobiol. 17:27-84. Ital., ital., engl. BA69-51515; ASFA(1)10-6996.
- 1670 *Moretti, G.P., A.Vigano, & M.I.Vigano-Taticchi. 1976. Some information on the orobiotic fauna of Trichoptera of the Italian western Alps above 2000 metres. Proc. int. Symp. Trich. 1:87-92. EA7-7255; BRI12-62054; ZR113.
- 1671 *Mori, S. & T.Miura. 1980. List of plant and animal species living in Lake Biwa. Mem. Fac. Sci. Kyoto Univ., Ser. Biol. 8-33.
- 1672 *Moriarty, C. 1972. Caddis larvae (Trichoptera) prey and predation. Irish Nat. J. 17:206. BRI8-76573.
- 1673 * _____. 1973. Distribution of freshwater macroinvertebrates in Ireland. Irish Nat. J. 17: 409-412. ASFA(1)5-2818.
- 1674 *Morris, D.L. & M.P.Brooker. 1979. The vertical distribution of macro invertebrates in the substratum of the upper reaches of the River Wye, Wales, UK. Freshw. Biol. 9:573-584. BA 69-49687.
- 1675 *Morrison, B.[R.S.]. 1977. The effects of Rotenone on the invertebrate fauna of three hill streams in Scotland. Fish. Manage. 8(4):128-138.
- 1676 * _____. 1978. Observations on the flight period of Caddis-flies (Trichoptera) at the Lake of Mentieth, Perthshire, Scotland. Ent. Rec. J. Var. 90:38-41. BRI15-54931; ZR115.
- 1677 * _____. 1979. An investigation into the effects of the piscicide Antimycin A on the fish and invertebrates of a Scottish stream. Fish. Manage. 10(3):111-122.
- 1678 *Morrison, B.R.S. & G.Struthers. 1975. The effects of Rotenone on the invertebrate fauna of three Scottish freshwater lochs. J. Inst. Fish. Manage. 6(4): 81-91.
- 1679 *Morrow, J.E., E.W.Schallock, & G.E.Bergtold. 1977. Feeding by Alaska Whitefish, *Coregonus nelsoni*, during the spawning run. US nat. mar. Fish. Serv. Fish. Bull. 75:234-235. BA 66-20378.
- 1680 *Morse, J.C. 1971. New Caddisflies (Trichoptera) from the southeastern United States. J. Georgia ent. Soc. 6:77-84. BA52-102090; EA2-7800; ZR108.
- 1681 * _____. 1972. The genus *Nyctiophylax* in North America. J. Kans. ent. Soc. 45:172-181. BA54-49765; ZR109.
- 1682 * _____. 1974. New Caddisflies (Trichoptera) from southern Africa. J. Kans. ent. Soc. 47: 328-344. BA58-67111; EA6-596; ZR111.
- 1683 _____. 1974. The classification, evolution, and past dispersals of the Caddisfly genus *Ceraclea* (Trichoptera, Leptoceridae). PhD thesis, Univ. Georgia, Athens, Georgia, USA. 186pp.
- 1684 * _____. 1975. The classification, evolution and past dispersals of the Caddisfly genus *Ceraclea* (Trichoptera, Leptoceridae). Dissert. Abs. int. (B) 35:3958. ZR112.
- 1685 * _____. 1975. A phylogeny and revision of the Caddisfly genus *Ceraclea* (Trichoptera, Leptoceridae). Contr. Amer. ent. Inst. 11(2):1-97. BA64-2930; EA8-3361; ZR112.
- 1686 * _____. 1976. Threatened species diversity of freshwater insects in South Carolina. pp 111-113. In: Proc. 1st S. Carolina endangered Species Symp. eds Forsythe & Ezell.

- 1687 * _____. 1978. Evolution of the Caddisfly genus *Ceraclea* in Africa; implications for the age of Leptoceridae (Trichoptera). Proc. int. Symp. Trich. 2:199-206. BRI17-15127; ZR114.
- 1688 * _____. 1980. Research suggestions - benthic invertebrates as biological indicators. pp 113-114. In: Biological monitoring for environmental effects. ed. D.L.Worf. Lexington Books, Lexington, Mass., USA.
- 1689 * _____. [Ed.]. 1980. A guide to collection sites *en route* to Savannah. 12 pp, North American Benthological Society, 28th ann. Meet.
- 1690 * _____. 1976. Status report: Arthropoda other than Crustacea. pp 46-51. In: Proc. 1st South Carolina endangered Species Symposium. eds Forsythe & Ezell.
- 1691 *Morse, J.C. & R.T.Allen. 1979. Herbert Holdsworth Ross. Syst. Zool. 28:413-414. NABS.
- 1692 *Morse, J.C., J.W.Chapin, D.D.Herlong, & R.S.Harvey. 1980. Aquatic insects of Upper Three Runs Creek, Savannah River Plant, South Carolina, USA. 1 Orders other than Diptera. J. Georgia ent. Soc. 15:73-101. BA69-70356; EA11-8757.
- 1693 *Morse, J.C. & H.H.Ross. 1971. Two new species of *Rhyacophila* from eastern North America. J. Kans. ent. Soc. 44:403-405. BA53-26218; EA3-4862; ZR108.
- 1694 *Morse, J.C. & I.D.Wallace. 1976. *Athripsodes* Billberg and *Ceraclea* Stephens, distinct genera of Long-horned Caddis-flies (Trichoptera, Leptoceridae). Proc. int. Symp. Trich. 1: 33-40. EA7-6687; BRI12-62046; ZR113.
- 1695 *Morse, J.C. & D.F.White, Jr. 1979. A technique for analysis of historical biogeography and other characters in comparative biology. Syst. Zool. 28:356-365.
- 1696 *Moseley, K.A. 1978. A preliminary report on quaternary fossil Caddis larvae (Trichoptera). Quatern. Newsl. (26):2-12. ZR115.
- 1697 _____. 1979. This insect (fragment) has been dead longer than you think! Bull. amat. Ent. Soc. 38:10-11. ZR116.
- 1698 *Moth-Iverson, T., P.Wiberg-Larsen, S.B.Hansen, & F.S.Hansen. 1978. The effect of partial and total drought on the macro invertebrate communities of three small Danish streams. Hydrobiologia 60:235-242. NABS.
- 1699 *Mozley, S.C. & M.G.Butler. 1978. Effects of crude oil on aquatic insects of tundra ponds. Arctic 31:229-241. NABS.
- 1700 *Mozley, S.C. & R.P.Howmiller. 1977. Trichoptera. pp 54-55. In: Environmental Status of the Lake Michigan region. Vol. 6, Zoobenthos of Lake Michigan. Argonne Nat. Lab., Argonne, Illinois. ZR114.
- 1701 *Muirhead-Thomson, R.C. 1973. Laboratory evaluation of pesticide impact on stream invertebrates. Freshw. Biol. 3:479-498. BA60-59640; EA5-3076.
- 1702 * _____. 1978. Relative susceptibility of stream macroinvertebrates to Temephos and Chlorpyrifos, determined in laboratory continuous-flow systems. Arch. environ. Contam. Toxicol. 7:129-137.
- 1703 * _____. 1978. Lethal and behavioral impact of Chlorpyrifos Methyl and Temephos on select stream macroinvertebrates: experimental studies on downstream drift. Arch. environ. Contam. Toxicol. 7:139-147. EA10-4526.
- 1704 * _____. 1978. Lethal and behavioural impact of Permethrin (NRDC 143) on selected stream macroinvertebrates. Mosq. News 38:185-190. BA66-61607; EA10-276; ASFA(1)9-3150.
- 1705 * _____. 1979. Experimental studies on macroinvertebrate predator-prey impact of insecticides. The reactions of *Rhyacophila* and *Hydropsyche* (Trichoptera) larvae to *Simulium* larvicides. Can. J. Zool. 57:2264-2270. Engl., engl., fr. BA70-8703; EA11-5491.
- 1706 *Müller, K. 1961. Die Biologie der Äsche (*Thymallus thymallus* L.) im Lule Älv (Schwedisch Lappland). Zeits. Fisch. Hilfswiss., Deuts. Akad. Landwirtschaftswiss. Berlin 10:173-201. Germ., germ., engl., russ.
- 1707 * _____. 1971. The station of Mesaure, Sweden. Nat. Mus. (4):146-154. BRI7-75457.
- 1708 * _____. 1973. Circadian rythms of locomotor activity in aquatic organisms in the subarctic Summer. Aquilo, Ser. Zool. 14:1-18.
- 1709 * _____. 1973. Life cycles of stream insects. Aquilo, Ser. Zool. 14:105-112. EA5-5913; ASFA(1)4-9288; BRI10-90594; ZR110.

- 1710 *_____. 1974. Stream drift as a chronological phenomenon in running water ecosystems. *Ann. Rev. Ecol. Syst.* 5:309-323.
- 1711 *_____. 1979. Insektfaunan I norra Bottenhavets kustregion. *Ent. Tidskr.* 100:233-236. Swed., engl. EA11-6817.
- 1712 *Müller-Haackel, A. 1979. *Gammarus zaddachi* and *Limnephilus politus* as agents in the decomposition of leaves in the estuary of the stream Angerån on the northern Baltic coast. *Aquilo, Ser. Zool.* 19:13-15. ZR117.
- 1713 *Mundie, J.H. 1971. Sampling benthos and substrate materials down to 50 microns in size, in shallow streams. *J. Fish. Res. Bd Can.* 28:849-860. ASFA(1)1-5664.
- 1714 *_____. 1979. The regulated stream and salmon management. pp 307-319. *In: The ecology of regulated streams.* eds Ward & Stanford. Plenum Press, N.Y.
- 1715 Murgoci, A. 1972. Ord. Trichoptera (L'entomofauna du 'grind' de Caraorman, Delta du Danube.). *Trav. Mus. Hist. nat. 'Grigore Antipa'* 12:177-180. Fr., engl., rom., russ. BA55-67184; EA5-6188; ZR109.
- 1716 _____. 1974. L'entomofauna du 'Grind' Saraturile - Sf. Gheorghe (Delta du Danube): Ord. Trichoptera. *Trav. Mus. Hist. nat. 'Grigore Antipa'* 14:153-156. Fr., engl., rom., russ. BA60-2935; ZR111.
- 1717 _____. 1975. Trichoptera. pp 101-107. *In: Fauna Ser. Monografica Academia Republ. Soc. România, Partde Fier.* ed. M.Ionescu. ZR113.
- 1718 *Murray, A. & D.[C.].Tarter. 1979. Food habits of the Logperch, *Percina caprodes* (Rafinesque), from East Lynn Lake, Wayne County, West Virginia, USA. *Proc. W. Virginia Acad. Sci.* 51:73-78. BA70-70286.
- 1719 *Mutuura, A. 1972. Morphology of the female terminalia in Lepidoptera, and its taxonomic significance. *Can. Ent.* 104:1055-1071.
- 1720 *Nachtigall, W. 1974. Loco-motion mechanics and hydrodynamics of swimming in aquatic insects. pp 381-432. *In: The Physiology of Insecta. Vol. 3.* ed. M.Rockstein. Academic Press, N.Y. BRI10-63341.
- 1721 *Nagy, S. 1980. Contribution to the knowledge of the food of Grayling (*Thymallus thymallus*) in the Belá River (western Tatra Mountains). *Fol. Zool.* 29:185-192. Engl., engl., russ. BA71-23360.
- 1722 *Nalepa, T.F. 1979. Freshwater macroinvertebrates. *J. Water Pollut. Contr. Fed.* 51:1694-1708. BRI(BA/RRM)18-44217.
- 1723 Namuush, G. & S.Pyelzhidmaa. 1976. [On the study of Trichoptera in M.P.R.]. pp 52-53. *In: [International Conference on Research into the natural Conditions and Resources of the Mongolian People's Republic].* ed. D.Shagdar. Ulan Bator. Russ. ZR113.
- 1724 *Nebeker, A.V. 1971. Effect of high winter water temperature on adult emergence of aquatic insects. *Water Res.* 5:777-783. BA53-25936; EA3-1681; ASFA(1)2-926.
- 1725 *_____. 1972. Effect of low oxygen concentration on survival and emergence of aquatic insects. *Trans. Amer. Fish. Soc.* 101:675-679. BA55-55257; EA4-2587.
- 1726 *Neboiss, A. 1974. Two new species of the genus *Stenopsychodes* (Stenopsychidae, Trichoptera). *Austr. ent. Mag.* 1(6):81-86. EA5-7782; BRI11-28568; ZR111.
- 1727 *_____. 1974. Book review "Trichoptera by H.Malicky". *Austr. ent. Mag.* 2(1):11-12.
- 1728 *_____. 1974. A critique of a publication by S.Jacquemart on Tasmanian Trichoptera. *Austr. ent. Mag.* 2(1):13-15. EA6-2375.
- 1729 *_____. 1974. Additions to the family Kokiriidae (Trichoptera). *Victoria Nat.* 91(6):175-179. BRI11-40982; ZR111.
- 1730 *_____. 1974. Book review "Trichoptera by H.Malicky". *News Bull. Austr. ent. Soc.* 10(2):36-37.
- 1731 *_____. 1974. A new Caddis-fly genus from Victoria and Tasmania. *Victoria Nat.* 91:322-325. ZR111.
- 1732 *_____. 1975. The family Oeconesidae (Trichoptera) from New Zealand and Tasmania. *Austr. ent. Mag.* 2(4):79-84. EA6-7773; BRI12-24989; ZR112.
- 1733 *_____. 1976. A progress report on the endemic element of Tasmanian Trichoptera. *Proc. int. Symp. Trich.* 1:45. EA7-7517; BRI12-62048; ZR113.

- 1734 *_____. 1977. A taxonomic and zoogeographic study of Tasmanian Caddis-flies (Insecta: Trichoptera). Mem. nat. Mus. Vict. 38:1-208. BA66-3372; ZR114.
- 1735 *_____. 1978. Atriplectididae, a new Caddisfly family (Trichoptera: Atriplectididae). Proc. int. Symp. Trich. 2:67-73. BRI17-15111; ZR114.
- 1736 *_____. 1978. A review of Caddis Flies from three coastal islands of south-eastern Queensland (Insecta: Trichoptera). Austr. J. mar. freshw. Res. 29:825-843. BA68-3495; EA10-5623; ASFA(1)9-11717; ZR115.
- 1737 *_____. 1979. A terrestrial Caddis-fly larva from Tasmania (Calocidae: Trichoptera). Austr. ent. Mag. 5:90-93. BRI(BA/RRM)18-4928.
- 1738 *_____. 1980. Australian species of the genus *Anisocentropus* McLachlan (Calamoceratidae: Trichoptera). Austr. J. mar. freshw. Res. 31:193-213. BA70-51605, 78959; EA12-155.
- 1739 *_____. 1980. First record of the subfamily Hyalopsychinae from Australia (Trichoptera: Polycentropodidae). Arch. Hydrobiol. 90:357-361. BA72-3340; EA12-6706.
- 1740 *Nedeljković, R. 1978. Einfluss der Anschwemmungen des Pek-Flusses auf die Bodenfauna der Donau. Verh. int. Ver. theor. angew. Limnol. 20:1531-1535. ZR115.
- 1741 Nedic, D. 1975. [Some aspects of the population density of bottom fauna of the Rivers Piva and Komarnica and their most important tributaries.]. Glas. Repub. Zavoda Zast. Prir. Muz. Titograda, Jugoslavia 8:81-91. Serb.-Croat., serb.-croat., engl. BA61-59578.
- 1742 *Negrea, A. & S.Negrea. 1978. [Ecology and origin of terrestrial cavernicolous populations of the Danube defile.]. Trav. Mus. Hist. nat. 'Grigore Antipa' 19:349-352. Fr., engl. BA69-85 53.
- 1743 *Nehring, R.B., R.Nisson, & G.Minasian. 1979. Reliability of aquatic insects vs water samples as measures of aquatic lead pollution. Bull. environ. Contam. Toxicol. 22:103-108. BRI (BA/RRM)18-8825.
- 1744 Nielsen, A. 1970. Trichoptera. pp 104-115. In: Tuxen, S.L. - Taxonomist's Glossary of genitalia in Insects. Munksgaard, Copenhagen.
- 1745 *Nelva, A. 1972. Etude préliminaire pour le Parc Naturel Régional du Bugey. 8. Les eaux courantes du Bas-Bugey: état physico-chimique et biologique. Bull. Soc. ecol. Paris 3:413-420. EA6-2125. [Abstract].
- 1746 *_____. 1979. Structure écologique de trois rivières du Jura méridional d'après l'analyse multivariée de la macrofaune benthique. Arch. Hydrobiol. 87:327-346.
- 1747 Neuherz, H. 1974. Ökologischfaunistische Untersuchungen über die Hydrofauna der Lurgrotte zwischen Peggau und Semriach in der Steiermark. Sitzungsber. Österr. Akad. Wiss., Math.-Naturw. Kl., Abt. I 182:103-146. EA6-5676.
- 1748 _____. 1975. Die Land-Fauna der Lurgrotte (Teil I). Sitzungsber. Österr. Akad. Wiss., Math.-Naturw. Kl., Abt. I 183:159-285. EA7-2886.
- 1749 *Neumann, F.G. 1978. Insect populations in eucalypt and pine forests in north-eastern Victoria. Austr. Forest Res. 8:13-24. BA67-46809.
- 1750 Neves, R.J. 1977. Species composition, epilithic faunal production, and the movements of *Pycnopsyche guttifer* (Trichoptera: Limnephilidae) in Factory Brook, Westfield River, Massachusetts. PhD. thesis, Univ. Massachusetts. 190 pp. NABS.
- 1751 *_____. 1977. The larval identity of *Rhyacophila acutiloba* and *R. carolina* (Trichoptera: Rhyacophilidae). J. Kans. ent. Soc. 50:148. BA63-63666; EA8-3407; ZR114.
- 1752 *_____. 1978. Caddisflies. Massachusetts Wildl. July/August 1978:16-18.
- 1753 *_____. 1979. Movements of larval and adult *Pycnopsyche guttifer* (Walker) (Trichoptera: Limnephilidae) along Factory Brook, Massachusetts. Amer. midl. Nat. 102:51-58. BA69-15 04; EA11-3431.
- 1754 *_____. 1979. A checklist of Caddisflies (Trichoptera) from Massachusetts. Ent. News 90: 167-175. BA69-51508; EA11-8955; ASFA(1)10-13532.
- 1755 *_____. 1979. Secondary production of epilithic fauna in a woodland stream. Amer. midl. Nat. 102:209-224. BA69-28852.
- 1756 *Neveu, A. 1980. Influence d'une fine sédimentation dans un canal expérimental sur la densité du macrobenthos, sa consommation par des salmonides. Bull. Fr. Piscicult. 52:104-122.

- 1757 * _____. 1980. La dérive des invertébrés aquatique et terrestres dan un petit fleuve côtier de l'oest des Pyrénées, la Nivelle. Acta Ecol., Ecol. Applic. 1:317-339. Fr., fr., engl.
- 1758 * _____. 1980. Relations entre le benthos, la derive, le rythme alimentaire et le taux de consommation de truites communes (*S. trutta* L.) en canal experimental. Hydrobiologia 76:217-228. Fr., engl.
- 1759 *Neveu, A. & M.Échaubard. 1975. La dérive estivale des invertébrés aquatiques et terrestres dans un ruisseau du Massif-central: la couze pavin. Ann. Hydrobiol. 6:1-26. BA61-30627; ZR114.
- 1760 *Neveu, A., L.Lapchin, & J.C.Vignes. 1979. [The benthos of the Nivelle, a little coastal river of the Pyrenees-Atlantiques, France.]. Ann. Zool. Ecol. anim. 11:85-112. Fr., fr., engl. BA69-47202.
- 1761 *Neveu, A. & M.Thibault. 1977. Comportement alimentaire d'une population sauvage de truites fario (*Salmo trutta* L.) dans un ruisseau des Pyrénées Atlantique, le Lisuraga. Ann. Hydrobiol. 8:111-128. Fr., fr., engl. BA65-26284.
- 1762 *Newbold, J.D., D.C.Erman, & K.B.Roby. 1980. Effects of logging on macroinvertebrates in streams with and without buffer strips. Can. J. Fish. aquat. Sci. 37:1076-1085.
- 1763 *Newell, R.L. 1971. Invertebrate fauna of a mountain stream in northwestern Montana. Proc. Montana Acad. Sci. 31:65-68. BRI9-79626; ZR108.
- 1764 * _____. 1971. Revisions to the checklist of Montana aquatic insects. Proc. Montana Acad. Sci. 31:69-72. BRI9-79627; ZR108.
- 1765 * _____. 1976. Yellowstone River study. Final report. Montana Dept of Fish & Game, & Intake Water Co. 259 pp.
- 1766 *Newell, R.L., D.L.Andersen, & D.A.Hanzel. 1978. Bottom fauna as an indicator of lake typology in Flathead Lake, Montana. NW Sci. 52:119-126.
- 1767 *Newell, R.L. & G.W.Minshall. 1977. An annotated list of the aquatic insects of southeastern Idaho, Part II: Trichoptera. Gt Basin Nat. 37:253-257. BA66-9281.
- 1768 * _____. 1979. Aquatic invertebrates of southeastern Idaho, USA II. Trichoptera (Caddisflies). J. Idaho Acad. Sci. 15:33-52. BA71-10755.
- 1769 *Newell, R.L. & D.S.Potter. 1973. Distribution of some Montana Caddisflies (Trichoptera). Proc. Montana Acad. Sci. 33:12-21.
- 1770 *Newsome, G.E. & J.H.Gee. 1978. Preference and selection of prey by Creek Chub (*Semotilus atromaculatus*) inhabiting the Mink River, Manitoba. Can. J. Zool. 56:2486-2488. NABS.
- 1771 *Nicolson, S.W. 1972. Osmoregulation in larvae of the New Zealand salt-water mosquito *Opifex fuscus* Hutton. J. Ent. (A) 47:101-108.
- 1772 *Nielsen, A. 1976. Pollution and Caddis-fly fauna. Proc. int. Symp. Trich. 1:159-161. EA7-7270; BRI12-62062; ZR113.
- 1773 * _____. 1976. Revision of some opinions expressed in my 1942 paper. Proc. int. Symp. Trich. 1:163-165. EA7-7573; BRI12-62063; ZR113.
- 1774 * _____. 1978. The genital segments of female Trichoptera. Proc. int. Symp. Trich. 2:159-164. BRI17-15123; ZR114.
- 1775 * _____. 1980. A comparative study of the genital segments and the genital chamber in female Trichoptera. Det Kongelige Danske Videnskabernes Selskab Biol. Skr. 23(1):1-200. BA 71-10751.
- 1776 Niesolowski, S. 1980. Beziehungen zwischen aquatilen Entwicklungsstadien der Kriebelmücken (Simuliidae), Zuckmücken (Chironomidae) und Köcherfliegen (Trichoptera). Ent. Zeits. m. Insektenbörse 90:137-143.
- 1777 *Nikishina, E.F., L.A.Vetrova, T.L.Alekseeva, & G.V.Golubeva. 1974. [Effect of environmental factors on the distribution of Caddis Fly larvae in small rivers.]. Ekologiya 5(5):40-43. Russ., russ. BA61-54045.
- 1778 *Nikolaeva, N.V. 1979. [On insects, predators of larvae of blood sucking Mosquitoes on the south Yamal.]. Zool. Zh. 58:505-508. Russ., engl. ZR116.
- 1779 *Nikolaeva, N.V. & U.N.Ol'shvang. 1978. [Simple biocenometer for calculating aquatic insects in shallow water bodies.]. Ekologiya (5):93-95. Russ. BA68-46693.

- 1780 *Nilsen, H.C. & R.W.Larimore. 1973. Establishment of invertebrate communities on log substrates in the Kaskaskia River, Illinois. *Ecology* 54:366-374. ZR110.
- 1781 *Nilsson, L. 1972. Local distribution, food choice and food consumption of diving ducks on a south Swedish lake. *Oikos* 23:82-91. BA72-48255.
- 1782 *Nilsson, L.M. & C.Otto. 1977. Effects of population density and of presence of *Gammarus pulex* L. (Amphipoda) on the growth in larvae of *Potamophylax cingulatus* Steph. (Trichoptera). *Hydrobiologia* 54:109-112. BA64-49531; EA8-8092; ZR114.
- 1783 *Nimmo, A.P. 1971. The adult Rhyacophilidae and Limnephilidae (Trichoptera) of Alberta and eastern British Columbia and their post-glacial origin. *Quaest. ent.* 7:3-234. EA2-7801; ZR108.
- 1784 *_____. 1971. Corrigenda. A.Nimmo, *Quaest. ent.* 7:3-234. *Quaest. ent.* 7:406. EA3-177; ZR108.
- 1785 *_____. 1974. Book review. 'Trichoptera (Köcherfliegen)' by Hans Malicky. *Bull. ent. Soc. Can.* 6:34-35.
- 1786 *_____. 1974. The adult Trichoptera (Insecta) of Alberta and eastern British Columbia, and their post-glacial origins. II. The families Glossosomatidae and Philopotamidae. *Quaest. ent.* 10:315-349. BA59-61739; ZR111.
- 1787 *_____. 1975. Trichoptera, or Caddisflies. Leaflet 443, Dept of Entomology, University of Alberta, Edmonton. 6 pp, 9 fig.
- 1788 *_____. 1976. The Caddisflies (Trichoptera). *Edmonton Nat.* 4(1):13-15.
- 1789 *_____. 1977. Book review. Wiggins, G.B. 1977. Larvae of the North American Caddisfly genera (Trichoptera). ix+401 pp, 6 textfig., 136 plates. Illustrated by Anker T.Odum. Univ. Toronto Press, Ontario. \$25.00. *Quaest. ent.* 13:311-313.
- 1790 *_____. 1977. The adult Trichoptera (Insecta) of Alberta and eastern British Columbia, and their post-glacial origins. I. The families Rhyacophilidae and Limnephilidae. Supplement 1. *Quaest. ent.* 13:25-67. BA63-69599; EA8-6351; ZR114.
- 1791 *_____. 1977. The adult Trichoptera (Insecta) of Alberta and eastern British Columbia, and their post-glacial origins. II. The families Glossosomatidae and Philopotamidae. Supplement 1. *Quaest. ent.* 13:69-71. BA63-69600; EA8-6352; ZR114.
- 1792 *Nimmo, A.P. & D.B.Donald. 1976(1977). The Caddisflies (Trichoptera) of Waterton Lakes National Park. Limnological Survey of Waterton Lakes Nat. Pk. Part 7: Suppl. Vol. (Trichoptera, Acari, Trichodida, Hirudinoidea, and Chironomidae), D.B.Donald, A.P.Nimmo, & R.S. Anderson. Sect. A:7-35. Canadian Wildlife Service, Calgary.
- 1793 *Nimmo, A.P. & G.G.E.Scudder. 1978(1979). An annotated checklist of the Trichoptera (Insecta) of British Columbia. *Syesis* 11:117-133. EA11-2106.
- 1794 *Nimmo, A.P. & R.D.Wickstrom. 1979. Trichoptera occurrence in Kluane National Park, southwest Yukon. Parks Canada & Can. Wildl. Serv., Winnipeg, Manitoba. vii+15 pp.
- 1795 Nishimura, N. 1976. [Ecological studies on net-spinning Caddisfly, *Stenopsyche griseipennis* McLachlan. 4. Upstream migration and extension of the breeding zone.]. *Physiol. Ecol. Japan* 17:179-183. Jap., engl. ZR116.
- 1796 *Nixon, R.A. 1978. Bio-geochemical analyses of the impact of the Richard B. Russell scenic highway on Dukes Creek, White County, Georgia, U.S.A. *Georgia J. Sci.* 36:16-24. BR115-54898.
- 1797 *Nocentini, A.M. 1979. Variazioni temporali e spaziali della fauna macrobentonica litorale del Lago di Mergozzo. *Mem. Ist. Ital. Idrobiol.* 37:277-327.
- 1798 Nol, M. 1974. Das Vorkommen von *Plectrocnemia conspersa* (Curt.) in den Wasser-aufbereitungsanlagen des Ruhrtales. *Dortm. Beitr. Landesk.* 7:75-77. BerRob.
- 1799 *Novák, K. 1971. Die Köcherfliegen des Gebirges Novokradské hory (Trichoptera). *Sborn. Jihočesk. Muz. Český ch Budějovicich Přír. Vědy* 11, Suppl.:45-51. Slovak., germ. ZR108.
- 1800 *_____. 1971. Beitrag zur Kenntnis der Köcherfliegen Bulgariens (Trichoptera). *Acta Faun. ent. Mus. nat. Pragae* 14(162):101-114. BA54-14699; EA5-7780; ZR108.
- 1801 *_____. 1973. Die Trichopterenfauna der Tschechoslowakei. *Fol. ent. Hung.* 26 (Suppl.): 311-316. BA59-55813; EA5-8156; ZR110.

- 1802 * _____. 1975. Veränderungen in der Zusammensetzung der Trichopterenfauna in grösseren Flüssen in Böhmen. *In: Verh. int. Symp. Entomofauna Mitteleuropa* 6:119-123. BRI14-180 19; ZR115.
- 1803 * _____. 1979. Die Verbreitung und Häufigkeit der Trichopteren in Böhmen. *In: Verh. int. Symp. Entomofauna Mitteleuropa* 7:363-365.
- 1804 *Novák, K. & S.Obr. 1977. Trichoptera. *Acta Faun. ent. Mus. nat. Pragae* 15(Suppl.):135-141. [Check List 1, Enumeratio Insectorum Bohemoslowakiae].
- 1805 *Nulty, M.L. 1980. Ecology of Caddisflies (Trichoptera: Hydropsychidae) in a Neosho River riffle. *Emporia St. Res. Stud.* 28, 26 pp.
- 1806 *Nüske, H. & W.Wichard. 1971. Die Analpapillen der Köcherfliegen. I. Feinstruktur und histochemischer Nachweis von Natrium und Chlorid bei *Philopotamus montanus* Donov. *Cytobiol.* 4:480-486. EA3-4094; ZR109.
- 1807 * _____. 1972. Die Analpapillen der Köcherfliegenlarven: II Feinstruktur des ionentransportierenden und respiratorischen Epithels bei Glossosomatiden. *Cytobiol.* 6:243-249. BA55-49229; EA4-195; ZR109.
- 1808 *Nuttall, P.M. 1972. The effects of sand deposition upon the macroinvertebrate fauna of the River Camel, Cornwall. *Freshw. Biol.* 2:181-186. ZR110.
- 1809 *Nuttall, P.M. & G.H.Bielby. 1973. The effect of china-clay wastes on stream invertebrates. *Environ. Pollut., Ser. A* 5:77-86. ZR110.
- 1810 *Nybom, O. 1972. The invertebrate fauna of the Kilpisyärvi area, Finnish Lapland. 13. Trichoptera. *Acta Soc. Fauna Flora Fenn.* 80:181-188. BA60-9295; EA5-1202; ASFA(1)4-738; ZR110.
- 1811 * _____. 1980. [Some species of Trichoptera new for Finland.]. *Not. Ent.* 60:197-198. Swed., fin., engl. EA13-1570; BRI(BA/RRM)20-37685.
- 1812 *Obr, S. 1972. Die hydrobiologische Erforschung der Fauna im Einzugsgebiet der Orava und deren Entwicklung in Hinblick auf Wassergüte und Auswirkungen des neuen Stausees. *Fol. Fac. Sci. nat. Univ. Purkynianae Brunensis* 13(3):3-101.
- 1813 * _____. 1975. [The Caddis Flies (Trichoptera) of Czechoslovakia: III. New and little known Trichoptera of northern Moravia.]. *Cas. Slezsheko. Muz. Ser. A. Sci. nat.* 24(2):127-136. Czech., germ. BA62-26585; ZR112.
- 1814 * _____. 1976. [Contribution to the Caddis Flies (Trichoptera) of Czechoslovakia: IV: The present situation of Caddis Fly study in northern Moravia.]. *Cas. Slezsheko. Muz. Ser. A Sci. nat.* 25:139-151. Germ., germ., czech. BA64-15163; ZR113.
- 1815 * _____. 1977. Trichoptera. pp 65-74. *In: Production conditions of the polluted trout brook.* ed. M.Zelinka. Brno.
- 1816 * _____. 1979. [Die Fauna als Indikator der Umweltveränderung am Beispiel der Orava.]. *Práce Obor. Bot. Zool.* 1978-1979:15-23. Czech., germ.
- 1817 Obrdlík, P. 1979. [Rheobenthos and the quality of water in the Stribny Creek of the Rychleby Mountains, Czechoslovakia.]. *Cas. Slezsheko. Muz. Ser. A Sci. nat.* 28:69-75. Czech., czech., engl., russ. BA70-22361.
- 1818 *O'Connor, J.P. 1977. Lough Derrygeeha, Co. Clare, a new locality for *Cyrnus insolutus* McLachlan (Trichoptera: Polycentropodidae). *Ent. Rec. J. Var.* 89:309-310. EA9-3131; BRI 15-804; ZR114.
- 1819 * _____. 1978. *Hydroptila tigurina* Ris new to Ireland with notes on *Apatania wallengreni* McLachlan and *Limnephilus binotatus* Curtis (Insecta: Trichoptera). *Irish Nat. J.* 19:191-192. EA10-675; ASFA(1)8-12558, 9-487; BRI16-5332; ZR115.
- 1820 * _____. 1978. A progress report on studies of Irish Trichoptera. *Proc. int. Symp. Trich.* 2: 303-308. BRI17-15140; ZR114.
- 1821 * _____. 1979. *Trienodes reuteri* McLachlan new to Ireland with a second Irish record of *Apatania wallengreni* McLachlan (Insecta: Trichoptera). *Irish Nat. J.* 19:403-404. EA10-84 78; BRI(BA/RRM)18-15631.
- 1822 * _____. 1979. Fly-killing aerosol sprays: a useful aid for the freshwater entomologist. *Ent. Rec. J. Var.* 90:297-299. BRI(BA/RRM)19-2164; ZR115.

- 1823 *_____. 1980. *Limnephilus pati* n. sp. (Trichoptera: Limnephilidae), a Caddisfly new to Great Britain and Ireland. Irish Nat. J. 20:129-133. EA12-3413; ASFA(1)12-3121; BRI(BA/RRM)21-37729.
- 1824 *O'Connor, J.P. & J.J.Bracken. 1978. Notes on *Hydroptila instabilis* and *Hydroptila siltalai* (Insecta, Trichoptera) in Ireland. Irish Nat. J. 19:282-283. BRI17-55578; ZR115.
- 1825 *_____. 1978. A comparative limnological study of two Irish lakes (Lough Sillan, Co. Cavan and Lough Dan, Co. Wicklow). Irish Fish. Invest., Ser. A 17:3-24.
- 1826 *O'Connor, J.P. & M.A.Norton. 1977. Athlone field meeting: preliminary notes on the aquatic invertebrate fauna of Hare Island and environs. Bull. Irish biogeogr. Soc. 1:20-25.
- 1827 *_____. 1978. Further notes on the aquatic invertebrates of Hare Island and its environs, Lough Ree, Co. Westmeath. Bull. Irish biogeogr. Soc. 2:37-39.
- 1828 *O'Connor, J.P. & M.A.O'Connor. 1980. *Hydroptila occulta* (Eaton) (Trichoptera: Hydroptilidae), a Caddisfly new to Ireland with notes on *Hydroptila martini* Marshall. Ent. Rec. J. Var. 97:167-168. EA12-4990.
- 1829 *O'Connor, J.P. & E.J.Wise. 1980. The larva of *Tinodes maculicornis* (Trichoptera: Psychomyiidae), with notes on the species' distribution and habitat in Ireland. Freshw. Biol. 10:367-370. BA71-17607.
- 1830 *Okazawa, T. 1974. Studies on the aquatic insects in the stream Hoshioki near Sapporo. J. Fac. Sci., Hokkaido Univ., Ser. VI (Zool.) 19:474-488. BA61-24735; EA6-1009; ASFA(1)4-10588.
- 1831 *_____. 1975. Aquatic insect survey of the River Kaunnai, with special reference to the rocky chute bed fauna. Kontyû 43:497-512. BA62-24702.
- 1832 *Oláh, J. 1972. Aljzatsere és táplálkozás közötti kapcsolat a *Potamophylax rotundipennis* Brauer lárvájánál (Trichoptera). [Relationship between substrate change and nutrition in the larva of *Pot. rotundipennis* Brauer (Trichoptera).]. Allantani Kozl. 59(1-4):106-110. Hung., germ. BA55-43796; EA5-4525; ZR109.
- 1833 *Olive, J.H. 1976. Chemical-physical and biological assessment of water quality in the Cuyahoga River (1973-1974). Ohio J. Sci. 76:5-15. BA62-51596.
- 1834 *Olive, J.H. & C.A.Dembach. 1973. Benthic macroinvertebrates as indexes of water quality in Whetstone Creek, Morrow County, Ohio (Scioto River basin). Ohio J. Sci. 73:129-148. BA59-46008.
- 1835 *Olive, J.H. & K.R.Smith. 1975. Benthic macroinvertebrates as indexes of water quality in the Scioto River basin, Ohio. Bull. Ohio. biol. Surv. 5(2):1-124. BA62-51574.
- 1836 *Oliver, D.R. 1979. Contribution of life history information to taxonomy of aquatic insects. J. Fish. Res. Bd Can. 36:318-321.
- 1837 *Oliver, D.R. & H.V.Danks. 1975. Macrobenthos of five lakes in Gatineau Park, Quebec. Can. fld Nat. 89:378-382. ASFA(1)6-5361.
- 1838 Olmi, M. 1975. Degradazione biotica e abiotica della risaia italiana e conseguenze sulla entomofauna. Riso 24:373-382. Ital., engl. ZR113.
- 1839 *Olson, D.E. & D.C.Tarter. 1974. A pre-impoundment investigation of Beech Fork basin, Twelvepole Creek, Wayne and Cabell Counties, West Virginia, USA. Proc. W. Virginia Acad. Sci. 46:231-236. BRI12-32958.
- 1840 *Olson, G.R. 1975. Preliminary studies of the colonization by benthic invertebrates of a new pumped-storage hydroelectric reservoir. Mich. Acad. 7:501-513. ASFA(1)6-2876.
- 1841 *Olson, G.R., P.I.Tack, & C.R.Liston. 1974. A study of the effects of installing and operating a large pumped storage project on the shores of Lake Michigan near Ludington, Michigan. 1973 Ann. Rep., III. Benthic macroinvertebrate studies. Dept Fish Wildl., Michigan State Univ. 220 pp.
- 1842 *Omorov, E.O. 1975. [On the ecology of the Trichoptera of the mountain streams of the southern Tien Shan (with the fauna of the Ak-Bura River as example.]. Ent. Obozr. 54:773-779. Russ., russ., engl. [Engl. transl. in Ent. Rev. 54:46-49]. BA62-24697; EA7-2800; ASFA(1)6-6390; BRI13-31202; ZR114.

- 1843 ***Ondo, Y. & K.Tanigawa.** 1971. [Studies on the aquatic insect communities of mountain stream at the foot of Mt. Daisen: 2. Ecological investigation on the population of Trichoptera.]. J. Fac. Ed. Tottoru Univ., Nat. Sci. 22(1):12-21. Jap., engl. BA54-31928; ZR108.
- 1844 ***Opaliński, K.W.** 1971. Macrofauna communities of the littoral of Mikolajskie Lake. Pol. Arch. Hydrobiol. 18:275-285. ASFA(1)2-9053.
- 1845 ***Orbke-Hillebrand, E.** 1968. Die Blätter der Seerose als Lebensraum, Beobachtungen im NSG „Heiliges Meer“ Kr. Tecklenburg. Nat. Heimat 28:140-143.
- 1846 ***Osborne, J.A., J.J.Diagle, & J.R.Startzman.** 1976. Benthic macro invertebrate abundance and species diversity in a central Florida lake. Florida Sci. 39 (Suppl.):9. [Abstract]. BRI13-14486.
- 1847 ***Osborne, J.A., M.P.Wanielista, & Y.A.Yousef.** 1976. Benthic fauna species diversity in six central Florida lakes in summer. Hydrobiologia 48:125-129.
- 1848 ***Osborne, L.L., R.W.Davies, & K.J.Linton.** 1979. Effects of limestone strip mining on benthic macroinvertebrate communities. Water Res. 13:1285-1290. NABS.
- 1849 ***Osborne, P.J.** 1972. Insect faunas of late Devensian and Flandrian age from Church Stretton, Shropshire. Phil. Trans. r. Soc. 263:327-367.
- 1850 **Ostrovskii, I.S.** 1980. [Changes in the bathymetric distribution of large zoobenthic taxonomic groups relative to the drop in water level of Lake Sevan, Armenian SSR, USSR.]. Biol. Zh. Armen. 33:330-333. Russ., russ., armen. BA73-23584.
- 1851 ***Oswood, M.W.** 1976. Comparative life histories of the Hydropsychidae (Trichoptera) in a Montana lake outlet. Amer. midl. Nat. 96:493-497. BA63-27073; EA8-3753; ZR113.
- 1852 *_____. 1979. Abundance patterns of filter-feeding Caddisflies (Trichoptera: Hydropsychidae) and seston in a Montana (USA) lake outlet. Hydrobiologia 63:177-183. BA68-59626; EA10-6864; ASFA(1)9-13732.
- 1853 ***Otto, C.** 1971. Growth and population movements of *Potamophylax cingulatus* (Trichoptera) larvae in a south Swedish stream. Oikos 22:292-301. Engl., russ. BA53-61115; EA3-4336; ZR108.
- 1854 *_____. 1974. Growth and energetics in a larval population of *Potamophylax cingulatus* (Steph.) (Trichoptera) in a south Swedish stream. J. anim. Ecol. 43:339-361. EA6-1508; ZR 111.
- 1855 *_____. 1975. Energetic relationships of the larval population of *Potamophylax cingulatus* (Trichoptera) in a south Swedish stream. Oikos 26:159-169. BA60-36390; EA7-1622; ASFA (1)5-11242; ZR112.
- 1856 *_____. 1976. Habitat relationships in the larvae of three Trichoptera species. Arch. Hydrobiol. 77:505-517. Engl., engl., germ. BA63-14094; EA8-610; ZR113.
- 1857 *_____. 1976. Factors affecting the drift of *Potamophylax cingulatus* (Trichoptera) larvae. Oikos 27:93-100. Engl., engl., russ. BA61-65696; ZR113.
- 1858 *_____. 1976. Energetics, dynamics and habitat adaptation in a larval population of *Potamophylax cingulatus* (Steph.) (Trichoptera). Dissertation, Univ. Lund.
- 1859 *_____[As Otta]. 1977. Energetics, dynamics and habitat adaptation in a larval population of *Potamophylax cingulatus* (Steph.) (Trichoptera). Dissert. Abs. int. (C) 38:31. ZR114.
- 1860 *_____. 1978. Dynamik och energetik hos en larvpopulation av *Potamophylax cingulatus* i en bäck. Norw. J. Ent. 25:106.
- 1861 ***Otto, C. & B.S.Svensson.** 1980. Parasitism by *Agriotypus armatus* (Walker) (Hymenoptera: Ichneumonidae) in relation to aggregation of its host *Silo pallipes* (F.) (Trichoptera: Goeridae). Ent. Gaz. 31:199-201.
- 1862 *_____. 1980. The significance of case material selection for the survival of Caddis larvae. J. anim. Ecol. 49:855-865. EA12-4651.
- 1863 ***Otto, C. & B.[W.]Svensson.** 1971. Nattsländor - en ekologiskt interessant insektsordning. Sveriges Nat. Årsbok 1971:196-204.
- 1864 *_____. 1976. Consequences of removal of pupae from a population of *Potamophylax cingulatus* (Trichoptera) in a south Swedish stream. Oikos 27:40-43. Engl., engl., russ. BA61-65695; ZR113.

- 1865 **Øverland, T.** 1972. Bunnfaunaen i Eidsvatnet, Hitra. Thesis, Univ. Trondheim. 69 pp. STOKK.
- 1866 ***Overton, C.K., D.A.Grove, & D.W.Johnson.** 1978. Food habits of Rocky Mountain Whitefish (*Prosopium williamsoni*) from the Teton River, Idaho, U.S.A. in relation to their age and growth. NW Sci. 52:227-232. BRI16-36015.
- 1867 **Paasivirta, L.** 1974. Insect emergence and output of incorporated energy and nutrients from the oligotrophic lake Pääjärvi, southern Finland. Ann. zool. Fenn. 11:126-140. ASFA(1)5-13 546.
- 1868 ***Pahwa, D.V.** 1979. Studies on the distribution of the benthic macrofauna of the River Ganga. Indian J. anim. Sci. 49:212-219. ZR116.
- 1869 ***Palmer, M.** 1973. A survey of the animal community of the main pond at Castor Haughlands National Nature Reserve near Peterborough. Freshw. Biol. 3:397-407.
- 1870 *_____. 1974. The ecology of the invertebrate community of Borough Fen decoy pond. Wildfowl (25):143-147. ASFA(1)5-11309.
- 1871 ***Panov, A.A.** 1975. On the similarity in composition of the brain neurosecretory cells in Lepidoptera-Trichoptera and Diptera. Zool. Anz. 194:319-327. BA61-25989; EA7-728.
- 1872 ***Panov, A.A. & E.D.Davydova.** 1974. Diversity and stability in composition of insect neurosecretory system. Comparative study of brain neurosecretory cells in Trichoptera-Lepidoptera stem. Zool. Jb., Allgem. Zool. 78:356-368. ZR113.
- 1873 *_____. 1978. Evolution of the composition of the brain medial neurosecretory cells within neuropteroid and mecopteroid Insects. pp 383-385. In: Neurosecretion and neuroendocrine activity. Evolution, structure and function. eds Bargmann, Oksche, & Scharer. Springer-Verlag, Berlin, Heidelberg, New York.
- 1874 **Papadopol, M. & V.Popescu-Marinescu.** 1980. Benthic fauna of upper Mures River, Romania. Trav. Mus. Hist. nat. 'Grigore Antipa' 21:145-150. Engl., fr., rom. BRI(BA/RRM) 22-14 86.
- 1875 ***Parisi, V., P.C.Magnetti, M.Dotti, M.Michelangeli [& 6 others].** 1971. Studio delle biocenosi lotiche del Po a Trino Vercellese negli anni 1967-1968. Ist. Lombardo Accad. Sci. Lett., Rend. Sci. Biol. Med. B 105:3-56. BA54-59645.
- 1876 ***Parker, C.R. & J.R.Voshell, Jr.** 1978. A commensalistic association between chironomid larvae (Diptera: Chironomidae) and hydropsychid pupae (Trichoptera: Hydropsychidae). Virginia J. Sci. 29:67. [Abstract]. BRI(BA/RRM)18-33831.
- 1877 *_____. 1979. A new species of *Hydroptila* from Virginia (Trichoptera: Hydroptilidae). Proc. ent. Soc. Wash. 81:43-45. BA68-68173; EA10-7170.
- 1878 *_____. 1979. *Cardiocladius* (Diptera: Chironomidae) larvae ectoparasitic on pupae of Hydropsychidae (Trichoptera). Environ. Ent. 8:808-809. BA69-37735; EA11-5638; ASFA(1)10-10618.
- 1879 *_____. 1980. *Ochrotrichia graysoni*, a new species of Caddisfly from Virginia (Trichoptera: Hydroptilidae). Ann. ent. Soc. Amer. 73:369-371. BA71-24921; EA12-3412.
- 1880 ***Parrish, J.H. & J.Wilhm.** 1978. Relationship between physicochemical conditions and the distribution of benthic macroinvertebrates in Arbuckle Lake. SW Nat. 23:135-144. ZR115.
- 1881 ***Pask, W.M. & R.R.Costa.** 1971. Efficiency of sucrose flotation in recovering insect larvae from benthic stream samples. Can. Ent. 103:1649-1652. BA53-61583; EA3-6582; ASFA(1) 2-7013.
- 1882 ***Patterson, J.W. & R.L.Vanotte.** 1978. Life history and population dynamics of *Heteroplectron americanum* (Trichoptera: Calamoceratidae). J. NY ent. Soc. 86:313. [Abstract]. BRI17-21742.
- 1883 _____. 1979. Life history and population dynamics of *Heteroplectron americanum*. Environ. Ent. 8:665-669. BA69-17383.
- 1884 ***Paulsen, C.L.** 1977. Apparatus for collection and separation of invertebrate organisms from a pond, for use as fish food. Progr. Fish-Cult. 39:101-102. NABS.
- 1885 ***Paulus, H.F.** 1979. Eye structure and the monophyly of the Arthropoda. pp 299-383. In: Arthropod phylogeny. ed. A.P.Gupta. New York.

- 1886 *Paulus, H.F. & M.Schmidt. 1978. [Evolution pathways to the larval eyes of insects: the stemmata of the Trichoptera and Lepidoptera.]. Zeit. Zool. Syst. Evolutionsforsch. 16:188-216. Germ., germ., engl. BA68-3438; EA10-8046; ZR115.
- 1887 *Pavlichenko, V.I. 1977. [The role of *Hydropsyche angustipennis* Curt. (Trichoptera, Hydropsychidae) larvae in destroying Blackflies in flowing reservoirs of the Zaporozhye Oblast.]. Ekologiya (1):104-105. Russ. [Engl. transl. in Soviet J. Ecol. 8:84-85]. BA66-1400; ZR114.
- 1888 _____. 1977. [Natural enemies of Gnats (Diptera, Simuliidae).]. Biol. Nauki 20(8):44-46. Russ., russ. BA65-63172.
- 1889 *_____. 1980. [Ecology of *Wilhelmia mediterranea* in the steppe zone of the USSR.]. Ekologiya (4):91-93. Russ. BA73-8933.
- 1890 *Pearson, W.D. & R.H.Kramer. 1972. Drift and production of two aquatic insects in a mountain stream. Ecol. Monogr. 42:365-385. BA55-42246; ZR109.
- 1891 Peck, D.L. 1974. Distribution of the *Rhyacophila coloradensis* complex. Proc. Washington St. ent. Soc. (36):383-384. [Abstract]. ZR113.
- 1892 *Peck, D.L. & S.D.Smith. 1977. A revision of the *Rhyacophila coloradensis* complex (Trichoptera: Rhyacophilidae). Melanderia 27:1-24. BA66-59112; ZR114.
- 1893 *Peck, S.B. 1974. The food of the Salamanders *Eurycea lucifuga* and *Plethodon glutinosus* in caves. Nat. speleol. Soc. Bull. 36:7-10.
- 1894 *Peck, S.B. & B.L.Richardson. 1976. Feeding ecology of the Salamander *Eurycea lucifuga* in the entrance, twilight, and dark zones of caves. Ann. Spéléol. 31:175-188. BA66-32582.
- 1895 *Peckarsky, B.L. 1979. Biological interactions as determinants of distributions of benthic invertebrates within the substrate of stony streams. Limnol. Oceanogr. 24:59-68. NABS.
- 1896 *_____. 1980. Influence of detritus upon colonization of stream invertebrates. Can. J. Fish. aquat. Sci. 37:957-963.
- 1897 *Peckarsky, B.L. & S.I.Dodson. 1980. An experimental analysis of biological factors contributing to stream community structure. Ecology 61:1283-1290. NABS.
- 1898 *Pennak, R.W. 1977. Trophic variables in Rocky Mountain trout streams. Arch. Hydrobiol. 80:253-286. Engl., germ. ZR114.
- 1899 *_____. 1978. Ch. 32 Trichoptera (Caddis Flies). pp 593-617. In: Fresh-water invertebrates of the United States. 2nd ed. 803 pp. John Wiley & Sons, New York. NABS.
- 1900 *Perkins, M.A. & L.A.Kaplan. 1978. Epilithic periphyton and detritus studies in a subalpine stream. Hydrobiologia 57:103-109. NABS.
- 1901 *Perret, P. 1973. Bodenfauna des Litorals im Sempachersee. Schweiz. Zeit. Hydrol. 35:69-113. EA6-2861.
- 1902 *Perrin, J.F. & A.L.Roux. 1978. Structure et fonctionnement des écosystèmes du Haut-Rhône français. 6. La macrofaune benthique du fleuve. Verh. int. Ver. theoret. angew. Limnol. 20:1494-1502. ASFA(1)12-8608.
- 1903 Perron, J.-M. 1979. Abrégé d'entomologie. Fabriques, Suppl. 1:1-125. ZR116.
- 1904 *Persson, P.I. 1972. *Hydropsyche pellucidula* Curt. och *Hydropsyche instabilis* Curt. (Trichoptera) i Mörrumsån (Blekinge). pp 50-53. In: Aurlandselven, et Symposium angående rennende vanns Økologi. ed. H.Kauri. Lab. for Ferskansøkologi, Zool. Mus., Bergen. STOKK.
- 1905 *Pesek, T. & G.L.Hergenrader. 1976. The influence of water quality upon the benthic macroinvertebrates of Salt Creek, Lancaster County, Nebraska. Trans. Nebraska Acad. Sci. 3:45-60. BA64-7795.
- 1906 *Peters, W.L. & J.Jones. 1973. Historical and biological aspects of the Blackwater River in northwestern Florida. Proc. 1st int. Conf. Ephemeroptera 1970:242-253. ZR110.
- 1907 *Petersen, C. & B.A.Foote. 1980. Annotated list of Trichoptera collected along Furnace Run of the Cuyahoga Valley National Recreation Area in northeastern Ohio. Gt Lks Ent. 13:201-205. EA12-5789.
- 1908 Petran, M. 1977. Ökologische Untersuchungen an Fließgewässern über die Beziehungen zwischen Makrobenthos, Substrat und Geschiebetrieb. Thesis, Fak. Math.-Nat., Univ. Bonn. BerRob.
- 1909 *Petrosky, C.E. & T.F.Waters. 1975. Annual production by the Slimy Sculpin population in a small Minnesota trout stream. Trans. Amer. Fish. Soc. 104:237-244. BA61-6869.

- 1910 ***Philipson, G.N.** 1978. The undulatory behaviour of larvae of *Hydropsyche pellucidula* Curtis and *Hydropsyche siltalai* Döhler. Proc. int. Symp. Trich. 2:241-247. BRI17-15132; ZR114.
- 1911 ***Philipson, G.N. & B.H.S.Moorhouse.** 1974. Observations on ventilatory and net-spinning activities of larvae of the genus *Hydropsyche* Pictet (Trichoptera, Hydropsychidae) under experimental conditions. Freshw. Biol. 4:525-533. BA60-8902; EA7-1358; ASFA(1)5-9902; ZR111.
- 1912 *_____. 1976. Respiratory behaviour of larvae of four species of the family Polycentropodidae (Trichoptera). Freshw. Biol. 6:347-353. BA63-21302; EA9-2712. ZR113.
- 1913 **Picazo, E.D. & G.L.Demoss.** 1980. The aquatic insects, exclusive of Diptera, of Hays Branch, Rowan County, Kentucky, USA. Trans. Kentucky Acad. Sci. 41:99-104. BA71-38972.
- 1914 ***Pickavance, J.R.** 1971. Pollution of a stream in Newfoundland: effects on invertebrate fauna. Biol. Conserv. 3:264-268. ASFA(1)2-72.
- 1915 **Pearce, T.G.** 1975. Observations on the fauna and flora of Ingleborough Cavern, Yorkshire. Trans. Brit. Cave Res. Assoc. 2:107-115. ZR112.
- 1916 ***Piechocki, A.** 1971. [Utilization of the cases of Trichoptera *Limnephilus flavicornis* (Fabricius) in the investigations on the Mollusca fauna of some waters.]. Acta Hydrobiol. 13:77-85. Pol., engl., germ. ASFA(1)2-3706; ZR109.
- 1917 **Pinchin, M.** 1974. A study of the effects of polluting effluents on some freshwater invertebrates. Doct. Dissert., Univ. Newcastle/Tyne, England. 280 pp. [Available from British Lending Library ref. D4252/74]. ZR112.
- 1918 ***Pirang, I.** 1979. Beitrag zur Kenntnis der aquatischen Invertebratenfauna des Sauer- und Liesergebietet. Decheniana 132:74-86. BerRob.
- 1919 ***Pligin, Yu.V.** 1979. [Ecological groups of macrozoobenthos in the shallows of the Kremenchug reservoir.]. Gidrobiol. Zh. 15(1):27-33. Russ., engl. [Engl. transl. in Hydrobiol. J. 15: 22-26]. ZR116.
- 1920 ***Poinar, G.O., Jr.** 1976. A new life cycle pattern in the Mermithidae. Proc. int. Colloq. invert. Pathol. 1:259-262. BRI15-5715.
- 1921 *_____. 1976. Presence of Mermithidae (Nematoda) in invertebrate paratenic hosts. J. Parasit. 62:843-844. BRI13-35156; ZR113.
- 1922 ***Pionar, G.O., Jr, R.S.Lane, & G.M.Thomas.** 1976. Biology and redescription of *Pheromermis pachysoma* (V.Linstow) n. gen., n. comb. (Nematoda: Mermithidae), a parasite of Yellowjackets (Hymenoptera: Vespidae). Nematologica 22:360-370. [& Trichoptera!].
- 1923 **Polistshuk, V.V., V.S.Travjanko, & A.M.Stavinskaya.** 1977. [Trichoptera fauna of the southwestern European parts of the USSR and the characteristics of its change under the influence of human activity.]. In: Verh. int. Symp. Entomofauna Mitteleuropa 7:82-83. Russ. [Abstract]. ZR118.
- 1924 ***Pollard, D.A.** 1971. Faunistic and environmental studies on Lake Madewarre, a slightly saline athalassic lake in south-western Victoria. Bull. Austr. Soc. Limnol. 4:25-42. ASFA(1)2-3713.
- 1925 *_____. 1973. The biology of a landlocked form of the normally caladromous salmoniform fish *Galaxias maculatus* (Jenyns): V. Composition of the diet. Austr. J. mar. freshw. Res. 24: 281-295. BA58-13105.
- 1926 **Ponomarenko, A.G. & N.S.Kalugina.** 1980. The general characteristics of insects at the Manlay locality. Trans. joint Soviet-Mongol. Paleontol. Exped. 13:68-81. TN.
- 1927 ***Ponyi, J.E., J.Oláh, P.Biró, & K.Biró.** 1971. Comparative investigations on the benthic fauna at two sewage inflows of Lake Balaton. Ann. Inst. Biol. Tihany Hung. Acad. Sci. 38: 199-226. EA3-3370; ASFA(1)2-4017.
- 1928 ***Poole, W.C. & K.W.Stewart.** 1976. The vertical distribution of macrobenthos within the substratum of the Brazos River, Texas. Hydrobiologia 50:151-160. BA63-31427.
- 1929 ***Popchenko, V.I.** 1971. [Consumption of oligochaete worms by fish and invertebrates.]. Vopr. Ikhtiol. 11:96-102. BA54-30815.
- 1930 ***Popescu-Gorj, A.** 1974. L'entomofaune du "Grind" Sărăturile - Sf. Gheorghe (Delta du Danube). Introduction, généralités. Trav. Mus. Hist. nat. 'Grigore Antipa' 14:135-140. Fr., engl., rom., russ. BA60-2908.

- 1931 ***Popescu-Gorj, A. & X.Scobiola-Palade.** 1972. L'entomofaune du "Grind" de Caraorman (Delta du Danube): Introduction, généralités. Trav. Mus. Hist. nat. 'Grigore Antipa' 12:107-116. Fr., engl., rom., russ. BA55-67133; EA5-6149.
- 1932 ***Potter, D.W.B. & M.A.Learner.** 1974. A study of the benthic macro-invertebrates of a shallow eutrophic reservoir in south Wales with emphasis on the Chironomidae (Diptera); their life-histories and production. Arch. Hydrobiol. 74:186-226.
- 1933 ***Powell, J.A. & C.L.Hogue.** 1979. Caddisflies - Order Trichoptera. pp 180-185. In: California Insects. Calif. Nat. Hist. Guides, 44. Univ. Calif. Press, Berkeley, Los Angeles, London.
- 1934 **Prat, N.** 1980. Composició i variació en el terme de dos anys d'una comunitat bentònica del Riu Ter. Coll. Soc. Catal. Biol. pp 27-34.
- 1935 ***Prat, N., M.-I.Bautista, G.González, & M.À.Puig.** 1979. La xarxa hidrogràfica andorrana. 3.3. Els Cursos d'Aigua. pp 261-309. In: El Patrimoni Natural d'Andorra. Els sistemes naturals andorrans i llur utilització. Dept. d'Agricultura del M.I.Consell General de las Valls d'Andorra. ed. R.Folch. Ketres, Barcelona.
- 1936 *_____. 1980. Eutrofittzació dels Rius d'Andorra. Bull. Inst. Catal. Hist. nat., Sec. Zool. 3 45:107-114. TN.
- 1937 ***Prestidge, R.A.** 1977. Case-building behaviour of *Pycnocentroides aeris* (Trichoptera: Sericostomatidae). NZ Ent. 6:296-301. EA9-7620; BRI15-12427; ZR114.
- 1938 ***Price, C.D. & N.A.Ratcliffe.** 1974. A reappraisal of insect haemocyte classification by the examination of blood from fifteen insect orders. Zeit. Zellforsch. Mikrosk. Anat. 147:537-549. EA5-4933.
- 1939 **Prodon, R.** 1976. Le substrat, facteur écologique et éthologique de la vie aquatique: observations et expériences sur les larves de *Micropterna testacea* et *Cordulegaster annulatus*. Thesis, Univ. Claude Bernard, Lyon, France. 221 pp.
- 1940 ***Proffitt, M.A. & R.S.Benda.** 1971. Growth and movement of fishes, and distribution of invertebrates, related to a heated discharge into the White River at Petersburg, Indiana. Water Resources Res. Cent., Report of Investigations 5, viii+94 pp. Indiana Univ., Bloomington.
- 1941 ***Provonsha, A.V. & W.P.McCafferty.** 1975. New techniques for associating the stages of aquatic insects. Gt Lks Ent. 8:105-109. ASFA(1)6-1609.
- 1942 **Puncochár, P.** 1972. Study on the self-purification within a stretch of the brook Botič. Acta Univ. Carol., Biol. 1970(5):399-447. ZR109.
- 1943 **Putzer, V.** 1976. Trichopterenlarven und ihre Gehäusebauten aus dem brasilianischen Amazonasbecken. Hausarbeit, Math.-nat.-w. Fak., Univ. Kiel. 69 pp. TN.
- 1944 **Qureshi, S.A., A.B.Saksena, & V.S.Sing.** 1980. Acute toxicity of four heavy metals to benthic fish food organisms from the River Khan, Ujjain. Environ. Stud. 15:59-61.
- 1945 ***Rabeni, C.F. & K.E.Gibbs.** 1978. Comparison of two methods used by divers for sampling benthic invertebrates in deep rivers. J. Fish. Res. Bd Can. 35:332-336. NABS.
- 1946 *_____. 1980. Ordination of deep river invertebrate communities in relation to environmental variables. Hydrobiologia 74:67-76.
- 1947 ***Rabeni, C.F. & G.W.Minshall.** 1977. Factors affecting microdistribution of stream benthic insects. Oikos 29:33-43. BA65-26275.
- 1948 ***Rabeni, C.F. & J.G.Stanley.** 1979. Operational spraying of Acephate to suppress Spruce Budworm has minor effects on stream fishes and invertebrates. Bull. environ. Contam. Toxicol. 23:327-334. BRI(BA/RRM)18-41048.
- 1949 **Raddum, G.G.** 1979. Virkninger av lav pH påinsektlarver. Sur nedbørs virkning på Skog og Fisk, Intern. Rap. IR 45/79, 58 pp. STOKK.
- 1950 ***Radford, D.S. & R.Hartland-Rowe.** 1971. A preliminary investigation of bottom fauna and invertebrate drift in an unregulated and a regulated stream in Alberta. J. appl. Ecol. 8:883-903. BA54-36329; ASFA(1)2-5651.
- 1951 ***Radosvjević, R., T.Tasovac, R.Drašković, M.Zarić, & V.Marković.** 1973. Complex behaviour of cobalt in the Danube River. Arch. Hydrobiol., Suppl. 44:241-248.
- 1952 ***Ransom, J.D. & T.C.Dorris.** 1972. Analysis of benthic community structure in a reservoir by use of diversity indices. Amer. midl. Nat. 87:434-447.

- 1953 ***Ransom, J.D. & C.W.Prophet.** 1974. Species diversity and relative abundance of benthic macro-invertebrates of Cedar Creek basin, Kansas. Amer. midl. Nat. 92:217-222. BA58-536 73; ASFA(1)4-11752.
- 1954 ***Rasmussen, K.** 1979. Invertebratenfaunaen i et østjysk kildeområde. Flora Fauna 85:71-81. Dan., engl. BA70-42795; EA11-8765.
- 1955 ***Ratcliffe, B.C. & N.D.Penny.** 1978. [A catalogue of the invertebrate types in the entomology collections of Instituto Nacional de Pesquisas, Manaus, Brazil.]. Acta Amazonica 8: 689-698. Port. BRI(BA/RRM)18-56922.
- 1956 ***Ratiu, O. & I.Moldovan.** 1972. [The vegetation of the Cheile Tatarului (Gutii Mountains).]. Stud. Univ. Babeş-Bolyai, Ser. Biol. 17(1):3-9. Rom., fr., russ. BA55-48170.
- 1957 ***Rau, G.H.** 1979. Carbon sources for aquatic insect production in a subalpine lake. Dissert. Abs. int. (B) 40:598. ZR116.
- 1958 *_____. 1980. Carbon-13/carbon-12 variation in subalpine lake aquatic insects: food source implications. Can. J. Fish. aquat. Sci. 37:742-746. Engl., engl., fr. EA11-8759.
- 1959 ***Rayburn, K.J. & T.M.Freeze.** 1977. The aquatic fauna of Russells Chapel Spring, Callo-way County, Kentucky. Trans. Kentucky Acad. Sci. 38:116-119. NABS.
- 1960 ***Redfern, M.** 1975. Revised field key to the invertebrate fauna of stony hill streams. Fld Stud. 4:105-115. ASFA(1)6-1350.
- 1961 ***Redkozubov, I.Yu. & V.A.Movchan.** 1974. A contribution to study of the Lake Frolikh Char *Salvelinus alpinus erythrinus*. Vopr. Ikhtiol. 14:289-291. BRI11-84397.
- 1962 ***Rehwoldt, R., L.Lasko, C.Shaw, & E.Wirhowski.** 1973. The acute toxicity of some heavy metal ions toward benthic organisms. Bull. environ. Contam. Toxicol. 10:291-294. ASFA (1)4-3823; BRI10-55437.
- 1963 ***Reice, S.R.** 1978. Role of detritivore selectivity in species-specific litter decomposition in a woodland stream. Verh. int. Ver. theoret. angew. Limnol. 20:1396-1400. NABS.
- 1964 *_____. 1980. The role of substratum in benthic macroinvertebrate microdistribution and litter decomposition in a woodland stream. Ecology 61:580-590. BA71-8850.
- 1965 **Reichl, E.R.** 1977. [Zoodat: The zoogeographic data bank of Austria.]. In: Verh. int. Symp. Entomofauna Mitteleuropa 6:143-163. BRI14-18022.
- 1966 **Reichl, E.R. & J.Gepp.** 1977. Computer-unterstützte lokalfaunistische Datenerfassung am Beispiel der Steiermark. Mitt. naturwiss. Ver. Steiermark 107:207-215.
- 1967 ***Reinecke, K.J.** 1979. Feeding ecology and development of juvenile Black Ducks (*Anas rubripes*) in Maine, USA. Auk 96:737-745. BA69-43206.
- 1968 ***Reinecke, K.J. & R.B.Owen.** 1980. Food use and nutrition of Black Ducks (*Anas rubripes*) nesting in Maine, USA. J. Wildl. Manage. 44:549-558. BA70-77414.
- 1969 ***Reisen, W.K.** 1972. The influence of organic drift on the food-habits and life history of the Yellowfin Shiner, *Notropis lutipinnis* (Jordan & Brayton). Amer. midl. Nat. 88:376-383.
- 1970 ***Reisen, W.K. & R.Prins.** 1972. Some ecological relationships of the invertebrate drift in Prater's Creek, Pickens County, South Carolina. Ecology 53:876-884.
- 1971 ***Resh, V.H.** 1972. A technique for rearing Caddisflies (Trichoptera). Can. Ent. 104:1959-1961. BA55-66888; EA4-2503; ZR109.
- 1972 *_____. 1974. Diversity, stability, and temporal organization of a stream Caddis-fly community. Proc. Indiana Acad. Sci. 83:466. ASFA(1)6-5001; BRI11-76239.
- 1973 *_____. 1974. New species of *Athripsodes* Caddisflies from eastern United States (Trichoptera; Leptoceridae). J. Georgia ent. Soc. 9:267-269. BA59-61724; EA6-3376; ZR111.
- 1974 *_____. 1974. The use of transect sampling techniques in estimating single species production of aquatic insects. pp 170. In: XIX Congr., Int. Assoc. Limnol. ed. K.E.Marshall. [Abstract]. BRI11-90514.
- 1975 *_____. 1974. Biology and immature stages of Caddisflies of the genus *Athripsodes* in eastern North America. Dissert. Abs. int. (B) 34:2821. ZR111.
- 1976 *_____. 1975. A distributional study of the Caddisflies of Kentucky. Trans. Kentucky Acad. Sci. 36:6-16. BA60-26184; ZR112.
- 1977 *_____. 1975. The use of transect sampling in estimating single species production of aquatic insects. Verh. int. Ver. theor. angew. Limnol. 19:3089-3094. EA8-184; BRI13-22929.

- 1978 *_____. 1976. Life cycles of invertebrate predators of fresh-water sponge. pp 299-314. *In*: Aspects of Sponge biology. *ed.* Harrison & Cowden. Academic Press, N.Y. BRI12-75861; ZR113.
- 1979 *_____. 1976. Changes in the Caddis-fly fauna of Lake Erie, Ohio, USA, and of the Rock River, Illinois, U.S.A., over a 50 year period of environmental deterioration. *Proc. int. Symp. Trich.* 1:167-170. EA7-7214; BRI12-62064; ZR113.
- 1980 *_____. 1976. Life histories of coexisting species of *Ceraclea* Caddisflies (Trichoptera: Leptoceridae): the operation of independent functional units in a stream ecosystem. *Can. Ent.* 108:1303-1318. BA63-57492; EA8-3755; ZR113.
- 1981 *_____. 1976. The biology and immature stages of the Caddisfly genus *Ceraclea* in eastern North America (Trichoptera: Leptoceridae). *Ann. ent. Soc. Amer.* 69:1039-1061. BA63-163 06; EA8-3401; ZR113.
- 1982 *_____. 1977. Habitat and substrate influences on population and production dynamics of a stream Caddisfly *Ceraclea ancylus* (Leptoceridae). *Freshw. Biol.* 7:261-278. BA65-7992; EA9-5267; ZR114.
- 1983 *_____. 1978. Preliminary observations on spatial distribution patterns of stream Caddisfly populations. *Proc. int. Symp. Trich.* 2:331-336. BRI17-15143; ZR114.
- 1984 *_____. 1979. Sampling variability and life history features: basic considerations in the design of aquatic insect studies. *J. Fish. Res. Bd Can.* 36:290-311.
- 1985 *_____. 1979. Bio-monitoring, species diversity indices, and taxonomy. pp 241-252. *In*: Ecological diversity in theory and practice. *eds* Grassle, Patil, Smith, & Tallie. Int. Co-op. Publ. House, Burtinsville, Maryland, USA. NABS.
- 1986 *Resh, V.H. & K.H.Haag. 1973. Species diversity, parasitism, and flight diversity of Caddisflies in a Kentucky, USA, stream. *Proc. N. Cent. Bch ent. Soc. Amer.* 28:155-163. EA6-404; BRI10-53830; ZR110.
- 1987 *_____. 1974. New records of parasitism of Caddisflies by erythraeid mites. *J. Parasit.* 60: 382-383. [Research note]. EA5-7351; BRI11-7002; ZR111.
- 1988 *Resh, V.H., K.H.Haag, & S.E.Neff. 1975. Community structure and diversity of Caddisfly adults from the Salt River, Kentucky. *Environ. Ent.* 4:241-253. BA60-18914; EA6-8667; AS FA(1)5-10010; ZR112.
- 1989 *Resh, V.H., J.C.Morse, & J.D.Wallace. 1976. The evolution of the sponge feeding habit in the Caddisfly genus *Ceraclea* (Trichoptera: Leptoceridae). *Ann. ent. Soc. Amer.* 69:937-941. BA63-2607; EA8-1513; ZR113.
- 1990 *Resh, V.H. & J.O.Solem. 1978. Phylogenetic relationship and evolutionary adaptations of aquatic insects. pp 33-42. *In*: An Introduction to the aquatic Insects of North America. *eds* Merritt & Cummins. Kendall/Hunt Publ., Dubuque, Iowa, USA. ZR115.
- 1991 *Resh, V.H. & K.L.Sorg. 1978. Midsummer flight activity of Caddisfly adults from a northern California stream. *Environ. Ent.* 7:396-398. BA66-44781; EA10-1059; ASFA(1)9-4415; ZR115.
- 1992 *Resh, V.H. & J.D.Unzicker. 1975. Water quality monitoring and aquatic organisms: the importance of specific versus generic identifications. *J. Water Pollut. Contr. Fed.* 47:9-19. Engl., engl., germ., fr., port. BA59-63378; EA7-5046; ASFA(1)5-12586.
- 1993 *Resh, V.H., D.S.White, & S.J.White. 1978. Lake Texoma Caddisflies (Insecta: Trichoptera): 1. Species present and faunal changes since impoundment. *SW Nat.* 23:381-388. BA 67-33945; EA10-5335; ASFA(1)9-12159; ZR115.
- 1994 *Rettich, F. 1979. Laboratory and field investigations in Czechoslovakia with Fenitrothion, Methyl Temephos and other organophosphorus larvicides applied as sprays for control of *Culex pipiens molestus* and *Aedes cantans*. *Mosq. News* 39:320-328. NABS.
- 1995 *_____. 1980. Field evaluation of Permethrin and Decamethrin against Mosquito larvae and pupae (Diptera, Culicidae). *Acta ent. Bohemoslov.* 77:89-96. BA70-29511.
- 1996 *Reynolds, J.D. 1970. Biology of small pelagic fishes in the new Volta Lake in Ghana. Part I. The lake and the fish: feeding habits. *Hydrobiologia* 35:568-603. EA2-2703.
- 1997 *Rhame, R.E. 1974. Life cycle and ecology of the Hydropsychidae (Trichoptera) of the Brazos River, Texas. *Dissert. Abs. int. (B)* 35:190. ZR111.

- 1998 ***Rhame, R.E. & K.W.Stewart.** 1976. Life cycles and food habits of three Hydropsychidae (Trichoptera) species in the Brazos River, Texas. *Trans. Amer. ent. Soc.* 102:65-99. BA63-27087; ZR113.
- 1999 ***Richard, P.W. & F.C.Harmston.** 1972. Diptera and other arthropods of the Sukkertoppen Taserisiaq area, southwest Greenland. *Arctic* 25:107-114. BA55-2591; EA3-8387; ASFA(1)2-9266.
- 2000 ***Richards, O.W. & R.G.Davies.** 1977. Order 28 Trichoptera (Caddis Flies). pp 1162-1174. *In: Imm's general Textbook of Entomology.* 10th ed. 2nd vol. Chapman & Hall, London. NABS.
- 2001 ***Riedel, W.** 1971. [Ergänzung zur Kenntnis der Köcherfliegen (Trichoptera) vom Bieszczady-Gebirge.]. *Fragm. Faun.* 17(14):357-364. Pol., germ., russ. EA3-9258; ZR108.
- 2002 *_____. 1972. [Data towards the knowledge of the distribution of Trichoptera in Poland, II.]. *Fragm. Faun.* 18(13):245-256. Pol., germ. BA56-3015; EA4-6821; ASFA(1)3-7573; ZR109.
- 2003 *_____. 1978. [Die Köcherfliegen (Trichoptera) der Pieninen.]. *Fragm. Faun.* 22(5):247-264. Pol., germ., russ. BA66-71700.
- 2004 ***Riek, E.F.** 1974. Trichoptera (Caddis-flies, Caddises). pp 96-98. *In: The Insects of Australia: a textbook for students and research workers.* Suppl. Australian CSIRO, Div. Ent., Melbourne Univ. Press. BRI11-55092.
- 2005 *_____. 1975. Order Trichoptera (Caddisflies). pp 102-106. *In: Insects of Australia.* Ure Smith, Sydney.
- 2006 *_____. 1976. The marine Caddisfly family Chathamidae (Trichoptera). *J. Austr. ent. Soc.* 15:405-419. EA8-3359; ZR114.
- 2007 **Rivosecchi, L., M.Scanga, M.Niccioli, & G.Dojmi.** 1979. [Analysis of quality of effluent waters in Lake Bracciano and the Arrore River, Italy, based on the Woodiviss biotic index and the distribution of dipteran larvae. *Bull. Pesca Piscic. Idrobiol.* 31:59-72. BA71-62780.
- 2008 ***Roback, S.S.** 1973. Ch. 10. Insects (Arthropoda, Insecta). pp 313-376. *In: Pollution ecology of freshwater invertebrates.* ed. Hart & Fuller. Academic Press, N.Y. BRI11-11458; ZR113.
- 2009 *_____. 1975. New Rhyacophilidae records with some water quality data. *Proc. Acad. nat. Sci. Philadelphia* 127:45-50. BA61-14839; ZR113.
- 2010 ***Roback, S.S., L.Berner, O.S.Flint, Jr, N.Nieser, & P.J.Spangler.** 1980. Results of the Catherwood Bolivian-Peruvian Altiplano Expedition: 1. Aquatic insects except Diptera. *Proc. Acad. nat. Sci. Philadelphia* 132:176-217. BA71-60308.
- 2011 **Robertson, S.R.** 1978. The distribution and relative abundance of benthic macroinvertebrates in Pyramid Lake, Nevada. MS thesis, Univ. Nevada. 68 pp. NABS.
- 2012 ***Roby, K.B., J.D.Newbold, & D.C.Erman.** 1978. Effectiveness of an artificial substrate for sampling macroinvertebrates in small streams. *Freshw. Biol.* 8:1-8. NABS.
- 2013 ***Roemhild, G.** 1980. Pheromone glands of microcaddisflies (Trichoptera: Hydroptilidae). *J. Morph.* 163:9-12. BA70-16892; EA11-8135.
- 2014 ***Rogoz, I.** 1973. [Research on the benthos in the region of the future dam lake in the upper basin of the River Oltets.]. *Hydrobiologia* 14:281-290. Rom., rom., fr. EA5-7478; EA6-6603; ASFA(1)4-10658.
- 2015 ***Rosenberg, D.M. & N.B.Snow.** 1975. Effect of crude oil on zoobenthos colonization of artificial substrates in subarctic ecosystems. *Verh. int. Ver. theor. angew. Limnol.* 19:2172-2177. ASFA(1)7-11869.
- 2016 ***Röser, B.** 1976. Die Invertebratenfauna der Bröl und ihrer Nebenbäche. *Decheniana* 129:107-130. Germ., germ., engl. BA63-31495; EA8-2950; ASFA(1)6-9169.
- 2017 *_____. 1979. Die Invertebratenfauna von drei Mittelgebirgsbächen des Vorderwestwaldes. *Decheniana* 132:54-73. Germ., germ., engl.
- 2018 *_____. 1980. Emergenz eines Mittelgebirgsbaches des Vorderwesterwaldes. *Arch. Hydrobiol., Suppl.* 58:56-96. Germ., germ., engl. BA71-37132.
- 2019 ***Ross, H.H.** 1971. Guest editorial - Northwestern Caddisflies. *Quaest. ent.* 7:1-2.
- 2020 *_____. 1972. An uncertainty principle in ecological evolution. pp 133-164. *In: A Symposium on Ecosystematics.* eds Allen & James. Univ. Arkansas Mus. occ. Pap. 4.

- 2021 *_____. 1973. Evolution and phylogeny. pp 171-184. *In: History of Entomology. eds* Smith, Mittler, & Smith. Annual Reviews Inc., Palo Alto, California, USA. ISBN 0-8243-2101-7.
- 2022 *_____. 1974. *Biological Systematics*. 345 pp. Addison-Wesley, Reading, Mass., USA; Menlo Park, Calif., USA.
- 2023 *_____. 1975. A preliminary report on the Helicopsychidae (Trichoptera) of New Caledonia. *Cah. ORSTOM, Hydrobiol.* 9:67-80. BA61-49450; EA7-3818; ZR112.
- 2024 *_____. 1976. Observations on the Helicopsychidae (Trichoptera) of New Caledonia. *Proc. int. Symp. Trich.* 1:1-3. EA7-7113; BRI12-62041; ZR113.
- 2025 *_____. 1976(1977). Justin W. Leonard. *Eatonia* 21-22:1-2. ZR114.
- 2026 *_____. 1978. The present disposition of components of the Sericostomatidae *s. lat.* (Trichoptera). *Proc. int. Symp. Trich.* 2:1-6. BRI17-15107; ZR114.
- 2027 *Ross, H.H. & D.G.Gibbs. 1973. The subfamily relationships of the Dipseudopsinae (Trichoptera, Polycentropodidae). *J. Georgia ent. Soc.* 8:312-316. BA57-26463; EA5-1333; ZR110.
- 2028 *Ross, H.H. & J.C.Morse. 1973. *Micrasema kluane*, a probable stepping stone to the Arctic (Trichoptera, Brachycentridae). *Ent. News* 84:291-293. EA5-4807; BRI10-62866; ZR110.
- 2029 *_____. 1975. Lectotypes of the species of *Notalina* described by G.Ulmer (Trichoptera, Leptoceridae). *Ent. Mitt. zool. Staatsinst. Zool. Mus. Hamburg* 4(90):575-578. BA61-49461; EA6-7772; ZR112.
- 2030 *Ross, H.H., J.C.Morse, & A.E.Gordon. 1971. New species of *Cheumatopsyche* from the southeastern United States (Hydropsychidae, Trichoptera). *Proc. biol. Soc. Wash.* 84:301-306. BA54-8811; ZR108.
- 2031 *Ross, H.H. & D.C.Scott. 1974. A review of the Caddisfly genus *Agarodes*, with descriptions of new species (Trichoptera: Sericostomatidae). *J. Georgia ent. Soc.* 9:147-155. BA59-617 25; EA6-4282; ZR111.
- 2032 *Ross, H.H. & J.D.Unzicker. 1977. The relationships of the genera of American Hydropsychinae as indicated by phallic structures (Trichoptera, Hydropsychidae). *J. Georgia ent. Soc.* 12:298-312. BA65-34112; ZR114.
- 2033 *Ross, H.H. & J.B.Wallace. 1974. The North American genera of the family Sericostomatidae (Trichoptera). *J. Georgia ent. Soc.* 9:42-48. BA57-66934; EA5-5620; ZR111.
- 2034 *Roth, M. 1974. Initiation á la morphologie, la systematique et la biologie des insectes. *Initiations - Doc. tech. ORSTOM (23):1-213. 333 fig.* [Trichoptera pp 112-113, pl. IX. ZR111.
- 2035 *Rothschein, J. 1973. Ueber den Einfluss der geplanten Donaukraftwerke auf die Hydrofauna des Tschechoslowakischen Donauabschnittes. *ZB Slov. Nar. Muz. Prir. Vedy.* 19:79-97. Germ., germ., czech. BA57-18909.
- 2036 *Rotter, M. & G.Kneitz. 1977. [The fauna of hedges and woody field vegetation and its correlation with the surrounding landscape.]. *Waldhygiene* 12:1-82. Germ., germ. BA66-571 85.
- 2037 *Roux, C. 1978. Courbes métabolisme/température et écologie de quelques espèces d'invertébrés dulçaquicoles. *Verh. int. Ver. theoret. angew. Limnol.* 20:2584-2593. ZR115.
- 2038 *_____. 1979. The influence of some ecological factors on the metabolism-temperature curve of the larvae of *Limnephilus rhombicus* (Trichoptera, Limnephilidae). *Freshw. Biol.* 9: 111-117. BA68-66319; EA10-6871; ASFA(1)9-13240.
- 2039 *Roy, C. 1980. Principaux ordres d'insectes dont les larves sont aquatiques. *Fabriques* 6(7): 130-190. ZR118.
- 2040 *Roy, D. 1979. Echantillonneur benthique d'eaux courantes peu profondes utilisant une pompe hydraulique a moteur. *Ann. Limnol.* 14:289-294.
- 2041 *Roy, D., H.Décamps, & P.P.Harper. 1980. Taxonomy of male and female *Plectrocnemia* (Trichoptera: Polycentropodidae) from the French Pyrenees. *Aquat. Ins.* 2:19-32. BA70-311 12.
- 2042 *Roy, D. & P.P.Harper. 1975. Nouvelles mentions de trichoptères de Québec et description de *Limnephilus nimmoi* sp. nov. (Limnephilidae). *Can. J. Zool.* 53:1080-1088. Fr., fr., engl. BA61-8521; EA7-1293; ZR112.
- 2043 *_____. 1979. Liste préliminaire des trichoptères insectes du Québec. *Ann. Soc. ent. Québec* 24:148-171. BRI(BA/RRM)19-4921.

- 2044 *_____. 1980. Females of the nearctic *Molanna* (Trichoptera: Molannidae). Proc. ent. Soc. Wash. 82:229-236. BA70-31109.
- 2045 *_____. 1980. *Oxyethira roberti* n. sp., trichoptère nouveau du sud de Québec (hydroptilides). Nat. Can. 107:117-119. Fr., fr., engl. EA12-6705; BRI(BA/RRM)22-43533.
- 2046 *Rozhkova, N.A. 1978. [Data to the fauna of Caddisflies (Trichoptera) of Khamar Daban.]. pp 73-88. In: [Insects of east Siberia]. Irkutsk. Russ. TN.
- 2047 *_____. 1980. Rucheiniki tunkinscoi dolinü. pp 71-72. In: Gidrofauna i gidrobiologiya vodoyemov bassyeina Ozera Baikal i Zabaikalya. Akad, Nauk SSSR, Buryat Branch, Ulan Ude.
- 2048 *Rudescu, L. & V.Popescu-Marinescu. 1974. La structure, la dynamique et la valeur trophique de quelques composants benthiques des eaux du Danube (dans la zone d'embouchure des bras du Danube. Arch. Hydrobiol. 74:289-303.
- 2049 *Ruggiero, M.A. & H.C.Merchant. 1979. Water quality, substrate, and distribution of macroinvertebrates in the Patuxent River, Maryland. Hydrobiologia 64:183-189. NABS.
- 2050 *Rupprecht, R. 1971. Reaktionen aquatischer Insekten auf minimale Schwerereize. Verh. Deuts. zool. Ges. 35:234-238. EA4-7179.
- 2051 *_____. 1973. Die Schwereorientierung von Imagines und Larven von aquatisch lebenden Insekten ausserhalb des Wassers. Forma Functio 6:323-336. BA58-14484; EA5-2817.
- 2052 *_____. 1975. The dependence of emergence period in insect larvae on water temperature. pp 3057-3063. In: Verh. int. Ver. theor. angew. Limnol. Part 4. ed. V.Sladecek. BRI13-22924.
- 2053 *Rupprecht, R.J. & L.A.Jahn. 1980. Biological notes on Blue Suckers (*Cycleptus elongatus*) in the Mississippi River, USA. Trans. Amer. Fish. Soc. 109:323-326. BA70-56679.
- 2054 Russell, P.P., V.H.Resh, & T.S.Flynn. 1980. A continuous flow bioassay technique for assessing the toxicity of oil-shale-related effluents: preliminary results with two species of Caddis larvae. pp 416-430. In: Oil Shale Symposium: Sampling, analysis, and quality assurance. ed. C.Gale. U.S. Environ. Protect. Agency, Cincinnati. EPA-600/9-80-022.
- 2055 Russev, B. 1977. Die Verunreinigung und Selbstreinigung des Ossam nach den strukturellen Änderungen seiner Benthosfauna. Hydrobiologia 6:3-22.
- 2056 *Rye, R.P., Jr & E.L.King, Jr. 1976. Acute toxic effects of two lampricides to twenty-one freshwater invertebrates. Trans. Amer. Fish. Soc. 105:322-326. BA62-63775.
- 2057 *Sadyrin, V.M. 1978. [Production of phytophilus invertebrates in the cooling reservoir of the Gorkovskaya State regional electric power plant.]. Ekologiya (5):62-69. Russ., russ. BA68-4 6695.
- 2058 Safarov, R.A. 1972. [Species and quantitative content of the plankton and benthos of Agzel' Lake.]. Izv. Akad. Nauk Azerb. SSR, Ser. Biol. Nauk 4:55-57. Russ., azerb. BA57-18908.
- 2059 Salman, S.A. 1979. Étude écologique d'un ruisseau de plaine 'Le Fontanil'. Thèse 3e cycle, Univ. Grenoble, France. 72 pp.
- 2060 *Salmela, J.A. & R.L.Anderson. 1978. Thermal shock effects on larvae of Caddisfly *Brachycentrus americanus*. J. Minnesota Acad. Sci. 44:25-27. ZR115.
- 2061 *Salonen, L. & H.A.Vaajakorpi. 1974. Bio-accumulation of carbon-14 DDT in a small pond. pp 201-211. In: Comparative study of food and environmental contamination. Proc. Conf. at Otaniemi, Finland, 1973. Int. Atomic Energy Agency Proc. Series., Vienna. BRI11-77904.
- 2062 *_____. 1976. Bio-accumulation of ¹⁴C-DDT in a small pond. pp 130-140. In: Environmental quality and safety, vol. 5. Global aspects of Chemistry, Toxicology, and Technology as applied to the Environment. eds Coulston & Karte. G.Thiene, Publ., Stuttgart, W. Germany. Academic Press, NY, USA. BRI13-26411.
- 2063 *Sandrock, F. 1978. Vergleichende Emergenzmessung an zwei Bächen des Schlitzerlandes (Breitenbach und Rohrwiesenbach 1970-1971). Arch. Hydrobiol. 54:328-408. BA68-1726.
- 2064 *Sarai, D.S. 1976. Total and fecal coliform bacteria in some aquatic and other insects. Environ. Ent. 5:365-367. BA62-14636; EA7-4900.
- 2065 *Särkkä, J. 1972. The bottom macrofauna of the oligotrophic Lake Kennevesi, Finland. Ann. zool. Fenn. 9:141-146.

- 2066 *Sarrazin, R. 1975. L'impact écologique des pulvérisations aériennes d'insecticides sur l'environnement. Forêt-Conserv. 41(5):24-26. EA7-4992; ASFA(1)6-1985.
- 2067 *Satija, G.R. 1978. Structure of the alimentary canal and mouth-parts of Trichoptera larvae with special reference to food and feeding habits: VI. Relationship of alimentary canal, mouth-parts and feeding habits, and phylogeny of the group. Res. Bull. Panjab Univ., Sci. 25:55-70. BA68-15846; EA10-7254.
- 2068 *Satomi, Y., H.Tanaka, & H.Tanaka. 1976. [Carbon, nitrogen, and phosphorus contents in the Caddis-worm *Stenopsyche griseipennis* McLachlan.]. Bull. freshw. Fish. Res. Lab. 26:21-25. Jap., jap., engl. BA63-62236; ZR113.
- 2069 *Sattler, W. & J.Sykora. 1977. Über eine, besonders durch ihr Bauinstinkt, merkwürdige neotropische Köcherfliege - *Leucotrichia brasiliana* n. sp. (Trichoptera, Hydroptilidae). Amazoniana 6:237-255. Germ., germ., engl., port. ZR114.
- 2070 *Sauer, F. 1976. Animal growth on water lily leaves. Mikrokosmos 65(12):387-390. BRI14-7599.
- 2071 *Savage, N.L. & F.W.Rabe. 1973. The effects of mine and domestic wastes on macroinvertebrate community structure in the Couer d'Alene River. NW Sci. 47:159-168. BA61-1400; EA5-5991; ASFA(1)4-5035.
- 2072 *Savolainen, E. 1975. Distribution and food of *Myxocephalus quadricornis* (L.) (Teleostei, Collidae) in fresh waters of eastern Finland. Ann. zool. Fenn. 12:271-274. BA62-6898.
- 2073 *Schawaller, W. 1977/78. Eine Köcherfliegen dem Meinzer Hydrobienkalk (Agitan, Tertiär). Mainzer naturw. Arch. 16:79-81. Germ., engl. ZR115.
- 2074 *Scheimer, F. 1979. The benthic community of the open lake. pp 337-385. In: Neusiedlersee: the limnology of a shallow lake in central Europe. ed. H.Löffler. Monogr. biol.
- 2075 *Schell, S.C. 1975. The life history of *Plagioporus shawi* (McIntosh) (Trematoda: Opercoelidae), an intestinal parasite of salmonid fishes. J. Parasit. 61:899-905. BA61-26354; ASFA(1)6-1796.
- 2076 *Schlee, D. 1977. Florale und extraflorale Necktarien sowie Insektenkot als Nahrungsquelle für Chironomidae-Imagines (und andere Diptera). Stuttgart Beitr. Naturk., Ser. A (300):1-16. Germ., germ., engl. EA9-3568.
- 2077 Schleich, H.H. 1980. Die Golezard-Höhle im Nordiran. Die Höhle 31:97-103.
- 2078 *Schlüter, T. 1976. Die Fossilfalle Harz - der gegenwärtige Erforschungsstand. Naturw. Rundsch. 29:350-354.
- 2079 *Schmid, F. 1971. Un nouveau trichoptère des Alpes françaises. Entomologiste 27:28-30. BA54-20295; EA3-5816; ZR108.
- 2080 *_____. 1971. Quelques nouveaux *Glossosoma* orientaux (Trichoptera: Glossosomatidae). Nat. Can. 98:607-631. BA53-61119; EA3-2292; ZR108.
- 2081 *_____. 1972. Sur quelques nouvelles psychomyiines tropicales (Trichoptera: Psychomyiidae). Nat. Can. 99:143-172. BA55-44145; EA4-610; ZR109.
- 2082 *_____. 1974. Un *Rhyacophila* néarctique méconnu (Trichoptera, Rhyacophilidae). Nat. Can. 101:933-934. BA60-20609; ZR111.
- 2083 *_____. 1975. Ergebnisse der Bhutan-Expedition 1972 des Naturhistorischen Museums in Basel. Trichoptera. Ent. Basiliensia 1:77-86. Germ. [title], Fr. [text]. ZR112.
- 2084 *_____. 1979. On some new trends in trichopterology. Bull. ent. Soc. Can. 11:48-57.
- 2085 *_____. 1980. Genera des trichoptères du Canada et des États adjacents. Les insectes et arachnides du Canada. Part 7, 296 pp. Agric. Canada publ. 1692. Ottawa, Canada. ZR118.
- 2086 *_____. 1980. Esquisse pour une classification et une phylogénie des goérides (Trichoptera). Nat. Can. 107:185-194. BA73-69179; EA12-9109.
- 2087 *Schmid, F. & D.G.Denning. 1979. Descriptions of new Annulipalpia (Trichoptera) from southeastern Asia. Can. Ent. 111:243-249. BA70-10125; EA11-2247.
- 2088 *Schmidt, D.C. & T.M.Olson. 1977. The aquatic invertebrate fauna of a small eastern Montana stream. Proc. Montana Acad. Sci. 36:52-55. BRI14-7128.
- 2089 Schmidt-Ries, H. 1973. Limnologische Untersuchungen des Rheinstroms Band IV. Hydrobiologische Untersuchungen von 1951 bis 1971. Forsch. Ber. Landes N.R.W. 2301. ?? pp. BerRob.

- 2090 *Schmitz, M. & W.Wichard. 1975. Ionenabsorption an chloridepithelien von Köcherfliegenlarven (Trichoptera). Ent. Germ. 2:30-34. Germ., engl. BA61-31737; ZR112.
- 2091 *_____. 1978. [The location of the osmoregulatory salt absorption in larvae of Phryganeidae (Trichoptera).]. Mitt. Schweiz. ent. Ges. 51:99-102. Germ., engl. BA66-27782; ZR115.
- 2092 *Schmulbach, J.C. & H.E.Namminga. 1974. Diurnal periodicity of drifting macroinvertebrates in the Missouri River, USA. Proc. S. Dakota Acad. Sci. 53:308. BRI12-6579.
- 2093 *Schmutterer, H., A.Pires, & C.K.Koch. 1978. [The pests of the Cape Verde Islands.]. Zeit. angew. Ent. 86:320-336. Germ., germ., engl. BA67-47034.
- 2094 *Schooneveld, H. 1971. Insect neurosecretory systems and prospects of pest control by brain hormones. Meded. Rijksfac. landb. Gent 36:838-847. ZR110.
- 2095 *Schröder, P. 1976. Zur Phänologie von *Hydropsyche instabilis* Curtis (Trichoptera, Köcherfliegen) in Föhrenbach/Schwarzwald, unter besonderer Berücksichtigung der Larvenstadien. Beitr. Naturk. Forsch. S'w/deuts. 35:137-148. BA65-31601; ZR113.
- 2096 *_____. 1976. Zur Nahrung der Larvenstadien der Köcherfliege *Hydropsyche instabilis* (Trichoptera: Hydropsychidae). Ent. Germ. 3:260-264. Germ., germ., engl. BA63-57274; EA 8-4473; ZR113.
- 2097 Schröder, P. & B.Streit. 1979. Zur Verbreitung von *Agriotypus armatus* Curtis (Hymenoptera: Agriotypidae) in Südwestdeutschland. Beitr. Naturk. Forsch. S'w/deuts. 38:113-115.
- 2098 Schürch, M. 1978. Tropische Beziehungen invertebrater Räuber in der Lebensgemeinschaft eines Baches. Diplomarbeit, Zool. Mus. Univ. Zürich. 39 pp.
- 2099 *Schuster, G.A. 1977. A previously unreported gland and associated structure found in the genus *Hydropsyche*. Bull. Assoc. SE Biol. 24(2):83. BRI13-97429.
- 2100 *_____. 1977. Larval taxonomy of the Caddisfly genus *Hydropsyche* in eastern North America, with notes on biology and distribution. PhD thesis, Univ. Tennessee. 216 pp. Dissert. Abs. int. (B) 38:405. NABS.
- 2101 *_____. 1979. On the identity of *Molanna ulmerina* Navas (Trichoptera: Molannidae). Ent. News 90:249-250. EA11-9100; BRI(BA/RRM)18-46479.
- 2102 *Schuster, G.A. & D.A.Etnier. 1977. A preliminary report on the study of the larval taxonomy of the genus *Hydropsyche* in eastern North America. Bull. Assoc. SE Biol. 24(3):84. BRI13-97430.
- 2103 *_____. 1978. A new species of *Hydropsyche* from the Harpeth River in middle Tennessee (Trichoptera: Hydropsychidae). J. Kans. ent. Soc. 51:218-221. BA66-34472; EA9-7331; ZR 115.
- 2104 *_____. 1978. A manual for the identification of the larvae of the Caddisfly genera *Hydropsyche* Pictet and *Symphytopsyche* Ulmer in eastern and central North America (Trichoptera: Hydropsychidae). U.S. Environ. Protect. Agency, Environ. Monit. Serv. EPA-600/4-78-060. xii+129 pp.
- 2105 *Schuster, G.A. & S.W.Hamilton. 1978. Records of the trichopteran families Hydroptilidae and Psychomyiidae from Kansas. Tech. Publ. St. biol. Surv. Kansas 6:36-47. BA66-52864.
- 2106 *Schuster, G.A. & A.Talak. 1977. A new species of *Hydropsyche* from Tennessee (Hydropsychidae: Trichoptera). J. Kans. ent. Soc. 50:515-518. BA65-21451; EA9-4184; ZR114.
- 2107 *Schuster, K. 1978. Das Zoobenthos der oberen Rur. Decheniana 131:141-146. Germ., germ., engl. BerRob.
- 2108 *Schwassmann, H.H. 1976. Ecology and taxonomic status of different geographic populations of *Gymnorhamphichthys hypostomus* Ellis (Pisces, Cypriniformes, Gymnotoidei). Biotropica 8(1):25-40. BA62-30159.
- 2109 *Scott, K.M.F. 1971. Trichoptera. pp 35-45. In: Orange River Project: working group for ORP hydrochemistry and hydrobiology. Hydrobiology of the Fish and Sundays Rivers. eds Scott, Allanson, & Chutter. CSIR Res. Rep. 306, 61 pp, 5 maps.
- 2110 *_____. 1974. The Trichoptera of the Sundays and Fish Rivers, eastern Cape Province, South Africa. Ann. Cape Prov. Mus. nat. Hist. 9:223-235. BA59-30519; EA6-8133; ASFA (1)5-13193; ZR111.

- 2111 *_____. 1974. New and interesting Trichoptera collected by Dr H.Bertrand in southern Africa in 1959. Ann. Cape Prov. Mus. nat. Hist. 9:237-248. BA59-31904; EA6-7774; ASFA (1)5-13197; ZR111.
- 2112 *_____. 1974. Order Trichoptera. pp 114. In: Status of the taxonomy of the Hexapoda of southern Africa. ed. W.G.H.Coaton. Ent. Mem., Dept Agric. Tech. Serv., Rep. S. Africa 38.
- 2113 *_____. 1974. Book review. 'Trichoptera (Köcherfliegen)' by Hans Malicky. J. ent. Soc. S. Afr. 37:197-198.
- 2114 *_____. 1975. The value of larval stages in systematic studies of the Trichoptera with particular reference to the Hydropsychidae from Africa south of the Sahara. pp 41-52. In: Proc. 1st Congr. ent. Soc. southern Africa. eds Durr, Giliomee, & Neser. Pretoria. EA8-9239; BRI 12-79721; ZR112.
- 2115 *_____. 1976. The larval and pupal stages of *Ugandatrichia* Mosely (Trichoptera: Hydroptilidae) from Rhodesia, with the description of a new species. Ann. Cape Prov. Mus. nat. Hist. 11:117-127. BA64-15162; EA8-3360; ZR113.
- 2116 *_____. 1976. Caddisfly studies in relation to ecological work. Water Report (3):2-3.
- 2117 *Scudder, G.G.E. 1971. Comparative morphology of insect genitalia. Ann. Rev. Ent. 16: 379-406.
- 2118 *Sedell, J.R. 1972. Trophic ecology and natural history of *Neophylax concinnus* and *N. oligivus* (Trichoptera: Limnephilidae). Dissert. Abs. int. (B) 32:5747. ZR109.
- 2119 *Sedell, J.R., F.J.Triska, & N.S.Triska. 1975. The processing of conifer and hardwood leaves in two coniferous forest streams. I. Weight loss and associated invertebrates. Verh. int. Ver. theoret. angew. Limnol. 19:1617-1627.
- 2120 *Sedlák, E. 1971. The larva of Caddis-fly *Beraemyia hraběi* Mayer (Trichoptera, Beraeidae). Scr. Fac. Sci. nat. UJEP Brunensis, Biol. 1:93-95. Engl., russ.
- 2121 *_____. 1971. Bestimmungstabelle der Larven der heufigen Tschechoslowakischen Arten der Gattung *Hydropsyche* Pictet (Trichoptera). Acta ent. Bohemoslov. 68(3):185-187. BA52-108140; EA2-6953; ZR109.
- 2122 _____. 1980. Rad Chrostici - Trichoptera. pp 163-220. In: Klic vodnich larev hmyzu. ed. R.Rozkosny. Czech. Akad. ved., Prague. Czech. ZR119.
- 2123 *Selgeby, J.H. 1974. Immature insects (Plecoptera, Trichoptera, and Ephemeroptera) collected from deep water in western Lake Superior. J. Fish. Res. Bd Can. 31:109-111. Engl., engl., fr. BA58-3087; EA5-5431; ASFA(1)4-7272; ZR111.
- 2124 *Semenchenko, A.Yu. 1977. [Hibernation of fish in streams of the reserve 'Kedrovaya Pad']. pp 159-171. In: [Freshwater fauna of the reserve 'Kedrovaya Pad']. ed. V.Ya. Levanidov. Proc. Inst. Biol. Pedol., Far East Sci. Cent., Acad. Sci. USSR, Vladivostok, 45(148). Russ.
- 2125 *Serns, S.L. 1979. Effects of pro-Noxfish on the benthos and zooplankton of Bug Lake, Forest County, Wisconsin. Water Res. Bull. 15:1385-1393. NABS.
- 2126 *Serra, E. & M.L.Tagliasacchi Masala. 1980. [Environmental conditions and biocoenoses of 'Fluminimannu' River. III - Rio Cixerri.]. Riv. Idrobiol. 19:155-196. Ital., ital., engl.
- 2127 *Service, M.W. & J.-M.Elouard. 1980. Serological identification of the predators of the complex of *Simulium damnosum* Theobald (Diptera: Simuliidae) in the Ivory Coast. Bull. ent. Res. 70:657-663. BA71-58612; EA12-5725.
- 2128 *Service, M.W. & P.T.W.Lyle. 1975. Detection of the predators of *Simulium damnosum* by the precipitin test. Ann. trop. Med. Parasit. 69:105-108. BA60-7370; EA6-5670.
- 2129 Seward, R.M. & B.G.Swegman. 1979. The Caddis-flies (Trichoptera) of the Bear Run Nature Reserve in southwestern Pennsylvania, USA. Melsheimer Ent. Ser. (27):18-25. BA70-10121.
- 2130 *Shanbhogue, S.L. 1980. Food habits of Peamouth (*Mylocheilus caurinus*) in Lake Washington, USA. Mysore J. agric. Sci. 14:559-566. BA73-1594.
- 2131 *Shapas, T.J. & W.L.Hilsenhoff. 1976. Feeding habits of Wisconsin's predominant lotic Plecoptera, Ephemeroptera, and Trichoptera. Gt Lks Ent. 9:175-188. BA63-62238; EA8-4477; ZR113.
- 2132 *Shaw, D.W. & G.W.Minshall. 1980. Colonization of an introduced substrate by stream macroinvertebrates. Oikos 34:259-271.

- 2133 *Shaw, G. 1979. Prey selection by breeding Dippers. *Bird Study* 26:66-67. BRI(BA/RRM) 18-2782.
- 2134 *Shcherbak, N.N. 1971. [The ecology of *Eremias przewalski* Str. (Reptilia: Lacertilia)]. *Vestn. Zool.* 4:58-66. Russ., engl. EA3-2636.
- 2135 *Sherberger, F.F., E.F.Benfield, K.L.Dickson, & J.Cairns, Jr. 1977. Effects of thermal shocks on drifting aquatic insects: a laboratory simulation. *J. Fish. Res. Bd Can.* 34:529-536. Engl., engl., fr. BA64-38992; ZR115.
- 2136 *Sherberger, F.F. & J.B.Wallace. 1971. Description of the larval stage of *Rhyacophila vuphipes* Milne (Trichoptera: Rhyacophilidae). *J. NY ent. Soc.* 79:43-44. BA52-90409; EA3-2312; ZR108.
- 2137 *_____. 1971. Larvae of the southeastern species of *Molanna*. *J. Kans. ent. Soc.* 44:217-224. BA53-2733; EA3-3903; ZR108.
- 2138 *Shernichin, B.B. 1980. [Class Insecta. Nasekomikh.]. pp 40-97. *In*: [Development & change of invertebrates from the Mesozoic to Cenozoic. Bryozoa, Arthropoda, Echinodermata]. Palaeontological Inst., USSR Acad. Sci., Moscow. Russ. [Trichoptera on pp 65-67].
- 2139 *Sherstyuk, V. & L.N.Zimbalevskaya. 1973. [Calorific value of phytophagous invertebrates in Dnieper reservoirs.]. *Gidrobiol. Zh.* 9(4):83-87. BA58-1368.
- 2140 *Shnarevich, I.D., G.S.Ivanchik, & V.I.Korolyuk. 1979. [Sanitary-hydrobiological characteristics of the Prut River (Romania, USSR)]. *Gidrobiol. Zh.* 15(5):106-107. Russ. BRI(BA/RRM)19-40208.
- 2141 *Short, R.A., S.P.Canton, & J.V.Ward. 1980. Detrital processing and associated macroinvertebrates in a Colorado mountain stream. *Ecology* 61:727-732. ZR117.
- 2142 *Short, R.A. & P.E.Maslin. 1977. Processing of leaf litter by a stream detritivore: effect on nutrient availability to collectors. *Ecology* 58:935-938. BA65-13922; ZR114.
- 2143 *Short, R.A. & J.V.Ward. 1980. Leaf litter processing in a regulated Rocky Mountain stream. *Can. J. Fish. aquat. Sci.* 37:123-127.
- 2144 *_____. 1980. Macroinvertebrates of a Colorado, USA, high mountain stream. *SW Nat.* 25:23-32. BA70-22375.
- 2145 *Short, R.A., J.V.Ward, H.L.Gary, & P.O.Currie. 1978. Aquatic biota of Trout Creek, Manitou Experimental Forest, Colorado. General Tech. Rep. RM-54:1-13. Rocky Mtn Forest & Range Exp. Stn, Forest Service, USDA, Ft Collins, Colorado, USA.
- 2146 Shotton, F.W. 1975. Animal remains incorporated in Caddis Fly larval cases at Upton Fields. *Proc. Coventry Distr. nat. Hist. sci. Soc.* 4:283-286. ZR113.
- 2147 _____. 1979. Coventry Nature Reserve (Tile Hill Wood) records. Additions to list previously published. *Proc. Coventry Distr. nat. Hist. sci. Soc.* 5:84. ZR116.
- 2148 _____. 1980. Coventry Nature Reserve (Tile Hill Wood) records. *Proc. Coventry Distr. nat. Hist. sci. Soc.* 4:115. ZR117.
- 2149 Shukla, G.S. & K.Gopal. 1975. A preliminary study on the fresh water insects of Lake Chilwa (Gorakhpur, Uttar Pradesh). *All-India Congr. Zool.* (3):65-66. [Abstract]. ZR115.
- 2150 *Shustov, Yu.A., I.L.Shchurov, & Ya.A.Smirnov. 1980. [Adaptation of hatchery Atlantic Salmon *Salmo salar* to river conditions.]. *Vopr. Ikhtiol.* 20:758-761. Russ. BRI(BA/RRM) 21-13170.
- 2151 *Shustov, Yu.A. & V.A.Shirokov. 1980. [Method for studying invertebrate drift in rivers.]. *Gidrobiol. Zh.* 16:100-102. Russ. BA73-67300.
- 2152 Sibirtzeva, L.K. 1974. [Trichoptera.]. pp 224-228. *In*: [Atlas of the Aral Sea invertebrates]. ed. F.D.Mordukhai-Boltovskoi. Pishchevaya Promyshlennost, Moscow. 272 pp. Russ. ZR111, 115.
- 2153 *Siegenthaler, C. 1980. Trichoptères de Suisse romande. *Mitt. Schweiz. ent. Ges.* 52:411. [Abstract].
- 2154 *Siegfried, C.A. & A.W.Knight. 1976. Trophic relations of *Acroneuria (Calineura) californica* (Plecoptera: Perlidae) in a Sierra foothill stream. *Environ. Ent.* 5:575-581. BA62-36244.
- 2155 *_____. 1976. Prey selection by a setipalpi Stonefly nymph, *Acroneuria (Calineura) californica* Banks (Plecoptera: Perlidae). *Ecology* 57:603-608. BA62-65562.

- 2156 *_____. 1977. The effects of washout in a Sierra foothill stream. *Amer. midl. Nat.* 98:200-207.
- 2157 *Sikorowa, A. 1977. Benthic fauna in the Kortowskie Lake after 18 years of the experimental restoration of the lake. *Pol. Arch. Hydrobiol.* 24:107-122. Engl., engl., pol. EA9-3049.
- 2158 *Silver, S.C. 1980. Ultrasound production during stridulation by hydropsychid larvae (Trichoptera). *J. Zool.* 191:323-331. EA12-2636.
- 2159 *Silver, S.C. & J.A.T.Halls. 1980. Recording the sounds of hydropsychid larvae (*Hydropsyche pellucidula*): a cautionary tale. *J. comp. Physiol.* 140:159-162. BA71-67046.
- 2160 *Simanov, L. 1975. Saprobitätsbestimmung nach den Larven und Puppen von Trichoptera. *Hydrobiologia* 47:453-462. BA61-59564; ASFA(1)6-1930; ZR112.
- 2161 *Simmons, G.M., Jr & J.R.Voshell, Jr. 1978. Pre- and post-impoundment benthic macroinvertebrate communities of the North Anna River. pp 45-61. *In: Current perspectives on river-reservoir ecosystems. eds Cairns, Benfield, & Webster. 25th ann. meet. NABS, Proc. Symp. Publ. NABS.*
- 2162 *Simpson, K.W. 1980. Abnormalities in the tracheal gills of aquatic insects collected from streams receiving chlorinated or crude oil wastes. *Freshw. Biol.* 10:581-584. BRI(BA/RRM) 20-53534; ZR118.
- 2163 *Skaife, S.H. 1979. Caddisflies 18. pp 169-171. *In: African insect life. Country Life Books, London & New York. 2nd ed. 279 pp. ZR116.*
- 2164 *Skal'skaya, I.A. 1976. Seasonal variations of fouling biocenoses. *Hydrobiol. J.* 12(4):35-39. [Engl. transl. of *Gidrobiol. Zh.* 12]. BA64-7813; BRI15-25981.
- 2165 *Slack, K.W., J.W.Naumann, & L.J.Tilley. 1977. Benthic invertebrates in an arctic mountain stream, Brooks Range, Alaska. *U.S. geol. Surv. J. Res.* 5:519-527.
- 2166 *_____. 1979. Benthic invertebrates in a north-flowing stream and a south-flowing stream, Brooks Range, Alaska. *Water Resources Bull.* 15:108-135.
- 2167 *Slifer, E.H. & S.S.Sekhon. 1971. Structures on the antennal flagellum of a Caddisfly, *Frenesia missa* (Trichoptera, Limnephilidae). *J. Morph.* 135:373-388. BA53-31863; EA3-3959; ZR108.
- 2168 *Slobodchikoff, C.N. & J.E.Parrott. 1977. Seasonal diversity in aquatic insect communities in an all-year stream system. *Hydrobiologia* 52:143-151. BA64-13562; EA8-5459; ZR114.
- 2169 *Small, J.W., Jr. 1975. Energy dynamics of benthic fishes in a small Kentucky stream. *Ecology* 56:827-840.
- 2170 *Smart, K. 1976. A progress report on the building motivation in the Caddis larva *Lepidostoma hirtum*. *Proc. int. Symp. Trich.* 1:185-186. EA7-6801; BRI12-62068; ZR113.
- 2171 Smetana, O. 1980. [Entomological bibliography of Czechoslovakia in 1975.]. *Ent. Probe.* (16):155-204. Czech., engl. BRI(BA/RRM)19-46550.
- 2172 *Smiley, C.J., J.Gray, L.M.Huggins. 1975. Preservation of Miocene fossils in unoxidized lake deposits in Corkia, Idaho: with a section on fossil Insecta by W.F.Barr, & J.M.Gillespie. *J. Paleontol.* 49:833-844. BA61-68301.
- 2173 Smith, D.H. 1975. The taxonomy of the Trichoptera (Caddisflies) of the Saskatchewan River in Saskatchewan. MSc thesis, Univ. Saskatchewan, Saskatoon. 273 pp.
- 2174 *_____. 1979. The larval stage of *Hydropsyche separata* Banks (Trichoptera: Hydropsychidae). *Pan-Pac. Ent.* 55:10-20. BA71-81443; EA11-805.
- 2175 *_____. 1979. Variation of the male clasper of *Ceraclea ancylus* (Vorhies) (Trichoptera: Leptoceridae) in Saskatchewan. *Ent. News* 90:100-104. BA68-29311.
- 2176 *Smith, D.H. & D.M.Lehmkuhl. 1980(1981). Analysis of two problematic North American Caddis-fly species: *Oecetis avara* and *Oecetis disjuncta* (Trichoptera: Leptoceridae). *Quaest. ent.* 16:635-656. Engl., engl., fr. BA73-25489; ASFA(1)12-12463.
- 2177 *Smith, I.M. & D.R.Oliver. 1976. The parasitic associations of larval water mites with imaginal aquatic insects, especially Chironomidae. *Can. Ent.* 108:1427-1442.
- 2178 *Smith, K.G.V. 1973. Coleoptera and other insects. pp 413-416. *In: Insects and other arthropods of medical importance. ed. K.G.V.Smith. British Museum (Nat. Hist.), London. BRI10-61684; ZR113.*

- 2179 ***Smith, S.D.** 1971. Notes and new species of limnephilid Caddisflies from Idaho (Trichoptera: Limnephilidae). Pan-Pac. Ent. 47:184-188. BA53-8545; EA3-3857; ZR108.
- 2180 _____. 1974. Northwestern Caddisflies - biology and taxonomy. Proc. Washington St. ent. Soc. (36):375-376. [Abstract]. ZR113.
- 2181 * _____. 1974. The first known larva of the *Rhyacophila hingstoni* group (Trichoptera: Rhyacophilidae). J. Georgia ent. Soc. 9:173-175. BA59-61726; EA6-4319; ASFA(1)5-9602; ZR111.
- 2182 * _____. 1976. A progress report on the phylogeny of *Rhyacophila* larvae. Proc. int. Symp. Trich. 1:5-6. EA7-7504; BRI12-62042; ZR113.
- 2183 ***Smithers, C.N. & I.W.B.Thornton.** 1974. The Myopsocidae (Psocoptera) of New Guinea and New Caledonia. Trans. r. ent. Soc. London 126:91-127.
- 2184 ***Smock, L.A.** 1980. Relationships between body size and biomass of aquatic insects. Freshw. Biol. 10:375-383.
- 2185 ***Smock, L.A. & D.L.Stoneburner.** 1980. The response of macroinvertebrates to aquatic macrophyte decomposition. Oikos 35:397-403. NABS.
- 2186 ***Smogorzhevskiy, A.A. & L.I.Kotkova.** 1973. [Characterisation of the food of the fledglings of some species of insectivorous synanthropic birds (Aves).]. Vestn. Zool. 3:34-39. Russ., russ., engl. EA5-5246.
- 2187 ***Snellen, R. & K.W.Stewart.** 1979. The life cycle of *Perlesta placida* (Plecoptera: Perlidae) in an intermittent stream in northern Texas, USA. Ann. ent. Soc. Amer. 72:659-666. BA69-30931.
- 2188 ***Snow, N.B. & D.M.Rosenberg.** 1975. Experimental oil spills on McKenzie Delta lakes. I. Effect of Norman Wells crude oil on lake 4. Tech. Rep. 548, Fish. & Marine Service, Environment Canada, Winnipeg. ix+44 pp.
- 2189 * _____. 1975. Experimental oil spills on McKenzie Delta lakes. II. Effect of two types of crude oil on lakes 4c and 8. Tech. Rep. 549, Fish. & Marine Service, Environment Canada, Winnipeg. ix+19 pp.
- 2190 * _____. 1975. The effects of crude oil on the colonization of artificial substrates by zoobenthos organisms. Tech. Rep. 551, Fish. & Marine Service, Environment Canada, Winnipeg. x+35 pp.
- 2191 ***Snow, N.B., D.M.Rosenberg, & J.Moenig.** 1975. The effects of Norman Wells crude oil on the zoobenthos of a northern Yukon stream one year after an experimental spill. Tech. Rep. 550, Fish. & Marine Service, Environment Canada, Winnipeg. vi+8 pp.
- 2192 ***Södergren, S.** 1973. [Problems concerning life-cycle and activity of *Agapetus ochripes* Curt. (Trichoptera, Glossosomatidae).]. Zool. Revy 35:119-124. Swed., engl. BA60-9296; EA7-5584; ZR110.
- 2193 * _____. 1974. A simple subsampler for stream-bottom-fauna samples. Arch. Hydrobiol. 73:549-551.
- 2194 ***Soffner, J.** 1973. Trichopteren aus Bulgarien. Mitt. ent. Ges. B.R.D. 32:12-14. EA5-5426; ASFA(1)4-8239; ZR110.
- 2195 **Solem, J.O.** 1969. Livssyklus og biologi til *Phryganea bipunctata* (Retzius) og *Agrypnia obsoleta* (Hagen) (Trichoptera, Phryganeidae). Thesis, Univ. Trondheim. 73 pp. STOKK.
- 2196 * _____. 1971. Larvae of the Norwegian species of *Phryganea* and *Agrypnia* (Trichoptera, Phryganeidae). Norsk ent. Tidsskr. 18:79-88. BA54-3247; EA3-3902; ZR108.
- 2197 * _____. 1972. The larva of *Agraylea cognatella* McLachlan (Trichoptera, Hydroptilidae). Norsk ent. Tidsskr. 19:77-79. BA55-2712; EA3-9396; ZR109.
- 2198 * _____. 1973. The bottom fauna of Lake Lille-Jonsvann, Trøndelag, Norway. Norw. J. Zool. 21:227-261. BA57-53866; EA5-1698; ASFA(1)4-788.
- 2199 * _____. 1975. A progress report on diel rhythmicity in Trichoptera. Proc. int. Symp. Trich. 1:205-206. EA7-7117; BRI12-62071; ZR113.
- 2200 * _____. 1976. Studies on the behaviour of adults of *Phryganea bipunctata* and *Agrypnia obsoleta* (Trichoptera). Norw. J. Ent. 23:23-28. BA62-64381; EA7-7873; ZR113.

- 2201 * _____. 1977. Vårfluer (Trichoptera). pp 47-51. *In: Ferskvannsbio­logiske og hydrografiske undersøkelser i Saltfjell-/Svartisområdet. Del II. Salt­dalsvassdraget. ed. J.I.Koksvik. Kgl. norske Vidensk. Selsk. Mus., Rapport, Zool. Ser. 1977-16. Trondheim. STOKK.*
- 2202 * _____. 1977. Mire invertebrate fauna at Eidskog, Norway. VIII. Trichoptera. Norsk ent. Tidsskr. 24:113-115. BA67-46756; ZR114.
- 2203 * _____. 1978. Species diversity of Trichoptera communities. Proc. int. Symp. Trich. 2: 231-239. BRI17-15131; ZR114.
- 2204 * _____. 1978. [Food web of invertebrates inhabiting the littoral zone of lakes.]. Fauna 31: 17-22. Norw., engl. BA66-51011; ZR115.
- 2205 * _____. 1978. *Apatania muliebris* McLachlan (Trichoptera) in Norway. Norsk ent. Tidsskr. 25:226-227. BA67-67672; EA10-3860.
- 2206 * _____. 1978. Swarming and habitat segregation in the family Leptoceridae (Trichoptera). Norsk ent. Tidsskr. 25:145-148. BA67-65902.
- 2207 * _____. 1978. Vårfluer. pp 46-47. *In: Vurdering av kjemiske og biologiske forhold i Næ­vassdraget. eds Reinerstsen & Langeland. Kgl. norske Vidensk. Selsk. Mus., Rapport, Ser. Zool. 1978-2. Trondheim.*
- 2208 * _____. 1978. Vårfluer (Trichoptera). pp 44-49. *In: Ferskvannsbio­logiske og undersøkelser i Saltfjell-/Svartisområdet. Del III. Vassdrag ved Svartisen. ed. J.J.Koksvik. Kgl. norske Vidensk. Selsk. Mus., Rapport, Zool. Ser. 1978-5. Trondheim.*
- 2209 * _____. 1978. Vårfluer (Trichoptera). pp 51-57. *In: Ferskvannsbio­logiske og hydrografiske undersøkelser i Saltfjell-/Svartisområdet. Del IV. Bei­arvassdraget. ed. J.I.Koksvik. Kgl. norske Vidensk. Selsk. Mus., Rapport, Zool. Ser. 1978-9. Trondheim.*
- 2210 * _____. 1978. Vårfluer (Trichoptera). pp 34-38. *In: Ferskvannsbio­logiske og hydrografiske undersøkelser i Saltfjell-/Svartisområdet. Del V. Mis­værvassdraget. ed. J.I.Koksvik. Kgl. norske Vidensk. Selsk. Mus., Rapport, Zool. Ser. 1978-12. Trondheim.*
- 2211 _____. 1979. Vårfluer. *In: Ferskvannsbio­logiske og hydrografiske undersøkelser i Saltfjell-/Svartisområdet. Del. VI: oppsummering og vurderinger. ed. J.I.Koksvik. Kgl. Norske vidensk. selsk. Mus., Rapport, Ser. Zool. 1979-4:48-49. STOKK.*
- 2212 _____. 1979. Vårfluer (Trichoptera). *In: Hydrografi og ferskvannsbio­logi i Eiteråga: Grane og Vefsn kommuner. ed. J.O.Koksvik. Kgl. Norske vidensk. selsk. Mus., Rapport, Ser. Zool. 1979-9:23-27. STOKK.*
- 2213 * _____. 1979. Vårfluer (Trichoptera). *In: Hydrografi og ferskvannsbio­logi i Krutvatn og Krutåga: Hattfjelldal kommune. eds Koksvik & Dalen. Kgl. Norske vidensk. selsk. Mus., Rapport, Ser. Zool. 1979-10:33-37. STOKK.*
- 2214 * _____. 1979. A comparison of species diversity indices in Trichoptera communities. pp 255-267. *In: Ecological diversity in theory and practice. eds Grassle, Patil, Smith, & Taillie. Int. Co-op. Publ. House, Fairland, Maryland, USA.*
- 2215 *Solem, J.O., E.Sendstad, T.Bergvik, & A.Hegstad. 1977. New record of *Apatania zonella* Zett. (Trichoptera, Limnephilidae) from Svalbard. Norw. J. Ent. 24:85. BA64-57603; EA9-3154; ZR114.
- 2216 *Solhøy, T. 1972. Quantitative invertebrate studies in mountain communities at Hardanger­vidda, south Norway. I. Norsk ent. Tidsskr. 19:99-108.
- 2217 *Sologor, Ye.A. & A.A.Petrusenko. 1973. [On studying nutrition of Chiroptera order of the middle Dnepr area.]. Vestn. Zool. 3:40-45. Russ., engl. EA5-5250.
- 2218 *Soszka, G.J. 1975. The invertebrates on submerged macrophytes in three Masurian lakes. Ekol. Polska 23:371-391.
- 2219 * _____. 1975. Ecological relations between invertebrates and submerged macrophytes in the lake littoral. Ekol. Polska 23:393-415. Engl., engl., pol. EA8-5351.
- 2220 *Späh, H. 1978. *Enoicyla pusilla* Burm. aus einem Erlentruch Ostwestfalens (Insecta: Trichoptera). Decheniana 131:262-265. Germ., germ., engl. EA10-2394; ZR115.
- 2221 * _____. 1979. Ökologische Untersuchungen an organisch belasteten Bächen im Stadtber­eich von Bielefeld. Ber. Naturw. Ver. Bielefeld, Sonderh. 24:383-410.
- 2222 * _____. 1980. Die Invertebratenfauna der oberen Hunte und einiger ihrer Nebenbäche. Inf. Natursch. Landschaftspfl. 2:345-363.

- 2223 * _____. 1980. Ökologische Untersuchungen des Makroinvertebraten-Fauna der Sennebäche zwischen Stukenbrock und Bad Lippspringe. Ber. Naturw. Ver. Bielefeld, Sonderh. 2:101-132.
- 2224 ***Späh, H. & A.Gerhardt**. 1979. Limnologische und saprobiologische Untersuchungen der Else und einiger ihrer Nebenbäche. Ber. Naturw. Ver. Bielefeld, Sonderh. 24:411-456. Ber-
Rob.
- 2225 ***Speed, D.C. & Y.J.McGaha**. 1972. A study of the macroscopic bottom fauna from selected streams in Lafayette County, Mississippi. J. Miss. Acad. Sci. 17:80. BRI10-13007.
- 2226 ***Spehar, R.L., R.L.Anderson, & J.T.Fiandt**. 1978. Toxicity and bioaccumulation of cadmium and lead in aquatic invertebrates. Environ. Pollut., Ser. A 15:195-208. BA66-30615; ZR 115.
- 2227 ***Spence, J.A. & H.B.N.Hynes**. 1971. Differences in benthos upstream and downstream of an impoundment. J. Fish. Res. Bd Can. 28:35-43. EA2-5765; ASFA(1)1-798.
- 2228 ***Spuris, Z.D.** 1970. [The Baltic Caddisfly fauna.]. Thesis, Zool. Inst., Ukr. Acad. Sci., Kiev. 29 pp. Russ.
- 2229 * _____. 1971. [Materialen für die fauna der Köcherfliegen Estlands.]. Latv. Ent. 14:47-63. Russ., germ. ZR104.
- 2230 * _____. 1972. [Die Köcherfliegen im Fluss Daugava zwischen Kegums und Rige in Jahre 1969.]. Latv. Ent. 14:37-46. Latv., russ., germ. ZR109.
- 2231 _____. 1972. [Materialen für die Fauna der Köcherfliegen Estlands.]. Uch. Zap. Tartu. gos. Univ. 6:18-39. Russ., germ. ZR109.
- 2232 _____. 1972. [Caddis-flies in Latvian lakes.]. Int. Congr. Ent. 1968(1):560. Russ. ZR109.
- 2233 ***Spuris, Z.D. & A.Smetanin**. 1976. [Das Sammeln von Trichopteren am Licht im Dendrologischen Reservat "Trostjanez"]. Latv. Ent. 18:61-68. ZR113. Russ, latv., germ. [Titles only].
- 2234 ***Srokosz, K.** 1977. Phytophilous fauna in ponds fertilized with sugar factory wastes. Acta Hydrobiol. 19:233-242. Engl., pol.
- 2235 ***Staaav, R.** 1976. [Autumn food habits of Mallards in an artificial lake.]. Zool. Revy 38:11-18. Fin., fin., engl. BA62-42160.
- 2236 ***Stanford, J.A.** 1973. A centrifuge method for determining live weights of aquatic insect larvae, with a note on weight loss in preservative. Ecology 54:449-451. ZR110.
- 2237 ***Stanford, J.A. & J.V.Ward**. 1979. Stream regulation in North America. pp 215-236. In: The ecology of regulated rivers. eds Ward & Stanford. Proc. 1st int. Symp. Regulated streams. Plenum Publ., New York, London. ISBN 0-306-40317-X.
- 2238 ***Staněk, Z., M.Peňaz, J.Trnková, & E.Wohlgemuth**. 1980. Radioactive background in principle components of the Jihlava River ecosystem. Fol. Zool. 29:371-384. Engl., engl., russ. BA74-13517.
- 2239 ***Starmühlner, F.** 1976. Contribution to the knowledge of the freshwater fauna of the Isle of Anjouan (Comores). Cah. ORSTOM, Hydrobiol. 10:255-265.
- 2240 ***Statzner, B.** 1975. Funktionsmorphologische Studien am Genitalapparat von drei neuen *Cheumatopsyche*-Arten (Trichoptera, Hydropsychidae). Zool. Anz. 193:382-398. Germ., germ., engl. BA60-49837; EA7-4487; ZR111.
- 2241 * _____. 1975. Zur Longitudinalzünierung eines zentralafrikanischen Fließgewässersystems unter besonderer Berücksichtigung der Köcherfliegen (Trichoptera, Insecta). Arch. Hydrobiol. 76:153-180. ASFA(1)6-5358; ZR112.
- 2242 * _____. 1976. A progress report on studies on the functional morphology of the genitalia in three new species of *Cheumatopsyche* (Hydropsychidae). Proc. int. Symp. Trich. 1:179-180. EA7-6983; BRI12-62066; ZR115.
- 2243 * _____. 1976. Die Köcherfliegen-Emergenz (Trichoptera, Insecta) aus dem zentralafrikanischen Bergbach Kalengo. Arch. Hydrobiol. 78:102-137. Germ., germ., engl. ASFA(1)7-388; ZR113.
- 2244 * _____. 1976. [Differentiation of the larvae and pupae of the trichopteran species *Hydropsyche angustipennis* and *pellucidula* (Trichoptera: Hydropsychidae).]. Ent. Germ. 3:265-268. Germ., engl. BA63-57498; EA8-3406; ZR113.

- 2245 *_____. 1977. Taxonomische Studien an der Hydroptilidae-Imagines aus dem zentralafrikanischen Bergbach Kalengo. Deuts. Ent. Zeit., NF 25:393-405. BA66-40357; ZR114.
- 2246 *_____. 1978. The effects of flight behaviour on the larval abundance of Trichoptera in the Schierenseebrooks (north Germany). Proc. int. Symp. Trich. 2:121-134. BRI17-15118; ZR 114.
- 2247 *_____. 1978. Factors that determine the benthic secondary production in two lake outflows - a cybernetic model. Verh. int. Ver. theoret. angew. Limnol. 20:1517-1522. ASFA(1)12-8651.
- 2248 *_____. 1979. Der obere und untere Schierenseebach (Schleswig-Holstein). Strukturen und Funktionen in zwei norddeutschen See-Ausfluss-Systemen, unter besonderer Berücksichtigung der Makroinvertebraten. Thesis, Univ. Kiel. 551 pp.
- 2249 ***Statzner, B. & D.-H.Stechman.** 1978. Der Einfluss einer mechanischen Entkrautungsmassnahme auf die Driftraten der Makroinvertebraten im unteren Schierenseebach. Faun.-ökol. Mitt. Kiel 5:93-109. Germ., germ., engl.
- 2250 **Stauffer, J.R., H.A.Beiles, J.W.Cox, K.L.Dickson, & D.E.Simonet.** 1976. Colonization of macrobenthic communities on artificial substrates. Rev. Biol. 10:49-62. BA65-19986.
- 2251 ***Steinmann, H.** 1972. Keys to the families and genera of European Annulipalpia (Trichoptera). Fol. ent. Hung. 25:445-468. BA57-20690; EA4-6822; ASFA(1)3-7420; ZR109.
- 2252 *_____. 1973. Identification keys to Integripalpia (Trichoptera) of the European families, subfamilies and genera I. Fol. ent. Hung. 26:113-143. BA57-66947; EA5-1884; ASFA(1)4-2233; ZR110.
- 2253 *_____. 1974. Identification keys to Integripalpia (Trichoptera) of the European families, subfamilies and genera II. Fol. ent. Hung. 27:193-209. BA60-9304; EA6-4853; ZR111.
- 2254 _____. 1970. [Siphonaptera, Trichoptera: appendix (Indices)]. Fauna Hung. (142):1-16. Hung. ZR120.
- 2255 ***Steinmann, H. & T.Vasarhelyi.** 1980. Zoological collectings by the Hungarian Natural History Museum in Korea: 51. A report on the collecting of the 6th expedition. Fol. ent. Hung. 33:155-160. BRI(BA/RRM)22-7176.
- 2256 ***Stensen, J.A.E.** 1979. Predator-prey relations between fish and invertebrate prey in some forest lakes. Rep. Inst. Freshw. Res. Drottningholm (58):166-183. BA71-51259.
- 2257 ***Štěřba, O.** 1978. Stratifikation der Organismen in der Oberschicht der Sandkissedimente unter der aktiven strömung der Flüsse. Věst. Česk. Spol. Zool. 42:60-68. Germ., engl. ZR 116.
- 2258 ***Stewart, K.W.** 1975. An improved elutriator for separating stream insects from stoney substrates. Trans. Amer. Fish. Soc. 104:821-823. BA61-42125.
- 2259 ***Stewart, K.W., G.P.Friday, & R.E.Rhame.** 1973. Food habits of Hellgrammite larvae (*Corydalus cornutus* (Megaloptera: Corydalidae)) in the Brazos River, Texas. Ann. ent. Soc. Amer. 66:959-963. BA57-38171; EA5-1005.
- 2260 ***Steyskal, G.C.** 1974. The distribution by states of United States insect records. Bull. ent. Soc. Amer. 20:283-284. BA60-49748.
- 2261 **Stoaks, R.D.** 1975. Seasonal and spatial distribution of riffle dwelling aquatic insects in the Forest River, North Dakota. PhD thesis, N.Dakota State Univ., Fargo.
- 2262 ***Stoneburner, D.L.** 1977. Preliminary observations of the aquatic insects of the Smoky Mountains: altitudinal zonation in the Spring. Hydrobiologia 56:137-143. EA9-2371.
- 2263 ***Stoneburner, D.L. & L.A.Smock.** 1979. Seasonal fluctuations of macroinvertebrate drift in a South Carolina piedmont stream. Hydrobiologia 63:49-56.
- 2264 ***Stout, J. & J.Vandermeer.** 1975. Comparison of species richness for stream-inhabiting insects in tropical and mid-latitude streams. Amer. Nat. 109:263-280.
- 2265 ***Stout, V.M.** 1975. Canterbury, Nelson, and Westland Lakes. pp 110-122. In: New Zealand lakes. eds Jolly & Brown. Auckland & Oxford Univ. Press.
- 2266 ***Streit, B. & P.Schröder.** 1978. Dominierende Benthosinvertebraten in der Geröllbrandungzone des Bodensees: Phänologie, Nahrungsökologie und Biomasse. Arch. Hydrobiol. 55: 211-234. Germ., germ., engl. BA67-72489.

- 2267 ***Sukatsheva, I.D.** 1973. [New Trichoptera from the Mesozoic of Central Asia.]. Paleontol. Zh. 1973:100-107. Russ., russ. EA6-6176; ZR111.
- 2268 *_____. 1976. [Trichoptera of suborder Permotrichoptera.]. Paleontol. Zh. 1976:94-105. Russ., russ. [Engl. transl. in Paleontol. J. 10:198-209]. BA64-21296; EA7-6686; ZR113.
- 2269 *_____. 1980. [Evolution of case construction behaviour of Caddis worms (Trichoptera).]. Zh. Obshch. Biol. 41:457-469. Russ., russ., engl. BA72-81311; ASFA(1)11-4848.
- 2270 *_____. 1980. [Trichoptera.]. pp 104-109. In: [Historical development of the class Insecta]. eds Rodendorf & Rasnichin. Trud. Palaeontological Inst., USSR 178.
- 2271 _____. 1980. Trichoptera cases from the Manlay locality. Trans. joint Soviet-Mongol. Paleontol. Exped. 13:59-60. TN.
- 2272 ***Summers, G.** 1977. Treshnish Isles. Ent. Rec. J. Var. 89:173. EA9-500; BRI14-14674; ZR 114.
- 2273 **Suomalainen, E.** 1979. Perhosten kromosomaalinen evoluutio. [The chromosomal evolution of Lepidoptera.]. Luonnon Tutkija 83:87-91. Fin.
- 2274 ***Supryaga, V.G. & A.A.Mozgvoi.** 1974. [Biological characteristics of *Raphidascaris acus* (Anisakidae: Ascaridata), a freshwater fish parasite.]. Parazitologiya 8:494-503. BA60-271 59.
- 2275 **Surber, E.W. & W.E.Bessey.** 1975. Minimum oxygen levels survived by stream invertebrates. Virginia Water Resources Res. Cent. Bull. 81:1-52. BA60-25895.
- 2276 ***Sutcliffe, D.W.** 1972. Notes on the chemistry and fauna of water bodies in Northumberland. Trans. nat. Hist. Soc. Northumberland/Durham/Newcastle upon Tyne, NS 17(5):222-248.
- 2277 ***Sutcliffe, D.W. & T.R.Carrick.** 1973. Studies on mountain streams in the English Lake District: I. pH, calcium and the distribution of invertebrates in the River Duddon. Freshw. Biol. 3:437-462. BA57-65385; EA5-2476; ZR110.
- 2278 ***Suter, P.J. & W.D.Williams.** 1978. Effect of a total solar eclipse on stream drift. Austr. J. mar. freshw. Res. 1:793-798. NABS.
- 2279 ***Svensson, B.[W.]** 1971. A new species of *Limnephilus* from southern Sweden (Trichoptera, Limnephilidae). Ent. Scand. 2:49-52. BA52-78369; EA2-5202; ZR108.
- 2280 *_____. 1972. Flight periods, ovarian maturation, and mating in Trichoptera at a south Swedish stream. Oikos 23:370-383. BA56-26556; EA4-7408; ZR109.
- 2281 *_____. 1974. Population movements of adult Trichoptera at a south Swedish stream. Oikos 25:157-175. BA59-35842; EA6-2011; ASFA(1)4-12744; ZR111.
- 2282 *_____. 1975. Morphometric variation of adult *Potamophylax cingulatus* (Trichoptera) reflecting environmental heterogeneity in a south Swedish stream. Oikos 26:365-377. Engl., russ. BA61-59591; EA7-4538; ZR112.
- 2283 *_____. 1977. Population ecology of adult *Potamophylax cingulatus* (Steph.), and other Trichoptera in a south Swedish stream. Dissert. Abs. int. (C) 38:31. ZR114.
- 2284 ***Svensson, B.W. & B.Tjeder.** 1975. *Oxyethira boriella* n. sp. from northern Sweden (Trichoptera: Hydroptilidae). Ent. Scand. 6:131-133. BA60-55420; EA6-6177; ZR112.
- 2285 *_____. 1975. Taxonomic notes on some European Trichoptera. Ent. Scand. 6:67-70. BA 60-38187; EA6-6993; ZR112.
- 2286 *_____. 1975. Check-list of the Trichoptera of north-western Europe. Ent. Scand. 6:261-274. BA62-14943; EA7-3650; ZR112.
- 2287 ***Svensson, B.W. & S.Ulfstrand.** 1976. Biotopvalet som anpassningsmekanism hos vattendragens djursamhällen. Fauna och Flora 6:274-283. ZR113.
- 2288 ***Sveshnikov, V.A., E.A.Faidysh, & P.M.Filimonov.** 1975. [Use of the pain threshold for distinguishing stages in the instinctive behaviour of insects.]. Dokl. Akad. Nauk SSSR, Ser. Biol. 223:477-478. Russ. BA61-67034; EA6-8446; BRI12-88537; ZR113.
- 2289 *_____. 1980. [The mechanism of dominance (stability) of current reaction in insect behaviour.]. Dokl. Akad. Nauk SSSR, Ser. Biol. 252:254-256. Russ. EA12-2774; BRI(BA/RRM)20-54455.
- 2290 ***Swan, L.A. & C.S.Papp.** 1972. Trichoptera: Caddisflies. pp 191-196. In: The common insects of North America. Harper & Row, New York.

- 2291 *Sweet, M.H. 1979. The original feeding habits of the Hemiptera (Insecta). Ann. ent. Soc. Amer. 72:575-579. BA69-30893.
- 2292 *Swegman, B.G. 1978. The occurrence of an intersex individual of *Psychomyia flavida* (Trichoptera). Ent. News 89:187-188. BA67-22697; ZR115.
- 2293 *Swegman, B.G. & W.P.Coffman. 1980. *Stenopsyche kodaikanalensis*, new species of *Stenopsyche* from south India. Aquat. Ins. 2:73-80. BA70-78960; EA12-157.
- 2294 *Swegman, B.G. & L.C.Ferrington. 1980. New records of western (USA) Trichoptera, with notes on their biology. Gt Basin Nat. 40:287-291. BA72-74275.
- 2295 *Sykora, J.L., W.Walker, D.Vest, & J.S.Weaver III. 1976. Notes on the seasonal distribution and taxonomy of *Pycnopsyche* adults (Trichoptera, Limnephilidae). Proc. Pennsylvania Acad. Sci. 50:133-135. BRI13-90762; ZR113.
- 2296 *Sykora, J.L. & J.S.Weaver III. 1976. A new species of *Rhyacophila* (Trichoptera, Rhyacophilidae) from western Pennsylvania. Ann. Carnegie Mus. 46:29-32. BA63-33466; ZR113.
- 2297 *_____. 1978. Three new species of Trichoptera from western Pennsylvania. Ann. Carnegie Mus. 47:1-12. BA66-22031; ZR115.
- 2298 *Symons, P.E.K. & J.L.Metcalf. 1978. Mortality, recovery, and survival of larval *Brachycentrus numerosus* (Trichoptera) after exposure to the insecticide Fenitrothion. Can. J. Zool. 56:1284-1290. BA67-3037; EA10-4214.
- 2299 *Szczęsny, B. 1974. The effect of sewage from the town of Krynica on the benthic invertebrate communities of the Krynica stream. Acta Hydrobiol. 16:1-29. Engl., pol. ZR111.
- 2300 *_____. 1974. Larvae of the genus *Hydropsyche* (Insecta: Trichoptera) from Poland. Acta Hydrobiol. 21:387-390. Engl., engl., pol. BA60-61792; ASFA(1)6-2731; ZR111.
- 2301 *_____. 1975. Caddis-flies (Trichoptera) of the River Roba. Acta Hydrobiol. 17:35-52. Engl., engl., pol., rom., russ. BA60-55403; EA7-1182; ZR112.
- 2302 *_____. 1978. Larvae of the subfamily Drusinae (Insecta: Trichoptera) from the Polish part of the Carpathian Mountains. Acta Hydrobiol. 20:35-54. Engl., engl., pol. BA67-35767.
- 2303 *_____. 1978. Larvae of the genus *Philopotamus* Stephens, 1829 (Insecta: Trichoptera) in Poland. Acta Hydrobiol. 20:55-62. Engl., engl., pol. BA67-35766.
- 2304 *_____. 1979. On the taxons of the genus *Annitella* Klapálek, 1907 (Trichoptera, Chaetopterygini) of the *chomicensis* - *lateroproducta* group. Bull. Acad. Pol. Sci., Biol. II 27:251-261. BA69-65322; EA11-5318.
- 2305 *_____. 1979. Insect collections of J.Dziędzielwicz in Cracow. Trich. Newsl. 6:8.
- 2306 *_____. 1980. Caddis-flies (Trichoptera) in the collection of the Institute of Systematic and Experimental Zoology, Polish Academy of Sciences in Cracow. Acta Zool. Cracov. 24:449-486. Engl., engl., pol. EA12-6702; BRI(BA/RRM)21-26613.
- 2307 *Tachet, H. 1971. Aspects descriptifs du comportement alimentaire chez la larve de *Plectrocnemia conspersa* (Trichoptera, Polycentropodidae). Zeits. Tierpsychol. 28:175-184. BA52-111104; ZR109.
- 2308 *_____. 1971. Le filet-piège de la larve de *Plectrocnemia conspersa* (trichoptères, Polycentropodidae). Oecologia 8:78-92. BA53-55599; EA3-3322; ZR109.
- 2309 *_____. 1973. Anatomie sensori-nerveuse de la larve de *Plectrocnemia conspersa* (trichoptères, Polycentropodidae). Zool. Jb. Abt. Anat. Ontog. Tiere 91:201-234. EA5-4856.
- 2310 *_____. 1975. Recherches sur le comportement alimentaire et la comportement constructeur chez la larve de *Plectrocnemia conspersa* (Trichoptera, Polycentropodidae). PhD thesis, Univ. Claude Bernard, Lyon. 166 pp.
- 2311 *_____. 1977. Vibrations and predatory behaviour of *Plectrocnemia* larvae (Trichoptera). Zeits. Tierpsychol. 45:61-74. Engl., engl., germ. BA66-239; ZR114.
- 2312 *_____. 1978. Experiments on the influence of the central nervous system on the behaviour of larvae of *Plectrocnemia conspersa* (Trichoptera). Biol. Comport. 3:97-112. Engl., engl., fr. BA67-64754; ASFA(1)9-5523; ZR115.
- 2313 *Tachet, H., M.Bournaud, & P.Richoux. 1980. Introduction à l'étude des macroinvertébrés des eaux douces (Systematique élémentaire et aperçu écologique). Univ. Lyon, & Assoc. Franç. Limnol., Lyon. 155 pp. [Trichoptera pp 106-126].

- 2314 ***Tanaka, H.** 1971. [Aquatic insect communities in the Rivers Yaro, Obitsu and Isumi Chiba Prefecture, Japan.]. Bull. freshw. Fish. Res. Lab. 21:21-45. ASFA(1)2-6852.
- 2315 ***Tanaka, M.** 1978. Succession of aquatic insects caused by mild organic pollution in rivers. Bull. freshw. Fish. Res. Lab. 28:141-168. NABS.
- 2316 ***Tani, K.** 1971. A revision of the family Lepidostomatidae from Japan (Trichoptera). Bull. Osaka Mus. nat. Hist. 24:45-70. ZR108.
- 2317 _____. 1976. [The Caddisflies of Tsushima Islands (Trichoptera).]. pp 391-396. In: [Biological survey of Tsushima Islands]. Biol. Soc. Nagasaki Prefecture. Jap.
- 2318 _____. 1977. Trichoptera. pp 184-206. In: Coloured illustrations of the insects of Japan. II. Hoikusha, Japan.
- 2319 _____. 1978. [The Caddisflies of Niigata Prefecture 1. (Trichoptera).]. Etsusa Res. Group of Insects 49:2-26. Jap.
- 2320 _____. 1980. [Larvae of Caddisflies from Japan (Trichoptera).]. Ins. Nat. 15:24-30. Jap.
- 2321 ***Tanida, K.** 1975. A list of aquatic insects of streams in the Hakusan region, I. Ann. Rep. Hakusan Nat. Conserv. Cent. 1:65-75.
- 2322 * _____. 1980. A list of aquatic insects of streams in the Hakusan region, II. Ann. Rep. Hakusan Nat. Conserv. Cent. 6:133-138.
- 2323 * _____. 1980. [Life history and distribution of three species of *Hydropsyche* (Trichoptera: Hydropsychidae) in the Kibune River (Kyoto, central Japan), with particular references to the variations in their life cycles and the relation of larval growth to their density.]. Jap. J. Limnol. 41:95-111. Jap., jap., engl. BA71-46014.
- 2324 ***Tarter, D.C.** 1972. A pre-impoundment investigation of the limnology of east fork of Twelvopole Creek, Lincoln, Mingo, and Wayne Counties, West Virginia. Proc. W. Virginia Acad. Sci. 44:94-103. BRI9-90509.
- 2325 _____. 1976. Limnology in West Virginia. A lecture and Laboratory Manual. Marshall Univ. Bookstore, Huntingdon, W. Virginia. 249 pp.
- 2326 **Tarter, D.C. & J.S.Applin.** 1977. Caddisflies in genus *Rhyacophila* in West Virginia (Trichoptera: Rhyacophilidae). Ent. News 88:213-214. NABS.
- 2327 ***Tarter, D.C. & P.L.Hill.** 1979. Caddis-flies (Trichoptera) of the Cranberry Glades in West Virginia, USA. Ent. News 90:205-206. BA69-51509; EA11-8954; ASFA(1)10-13534.
- 2328 * _____. 1980. Adult limnephilid Caddis-fly records in West Virginia, USA (Trichoptera: Limnephilidae). Ent. News 91:170-172. BA71-74329; EA12-6526.
- 2329 ***Tarter, D.C. & L.A.Krumholz.** 1971. Life history and ecology of *Paragnetina media* (Walker) (Insecta: Plecoptera) in Doe Run, Meade County, Kentucky. Amer. midl. Nat. 86:169-180. BA52-113913.
- 2330 ***Taticchi, M.I. & A.Dell'uomo.** 1980. Informazioni idrobiologiche sul sistema idrico del piano carsico inferiore di Monte Lago (Marche-Italia). Riv. Idrobiol. 18:45-73.
- 2331 ***Tattichi, M.I. & O.Tiberi.** 1980. Fauna macrobentonica e fattori fisici e chimici in prossimità dello Sbocco di una pisciola fogna nel Lago Trasimeno. Riv. Idrobiol. 19:469-493. Ital., ital., engl.
- 2332 ***Tawfik, M.F.S., M.T.Kira, & S.M.I.Metwally.** 1974. A survey of the insect fauna of corn fields in Egypt. Bull. Soc. ent. Egypte 58:145-152. BA65-69839.
- 2333 **Tayahun, S.** 1977. Populationsdynamische Untersuchungen der Meso-fauna in den Laichkrautbeständen des Donauarmes von Soroksár. Opusc. Zool. 13:83-106.
- 2334 **Terch, J.C.** 1972. Bionomics of the Caddisfly (Trichoptera) fauna of Rainey Creek, Bonneville Co., Idaho, with special reference to the life histories of five selected species. MSc thesis, Idaho State Univ., Pocatello. 53 pp.
- 2335 ***Terra, L.S.W.** 1972. Alguns registos de efemerópteros, plecópteros e tricópteros de Portugal. Estudos e Informação 261, 47 pp.
- 2336 * _____. 1978. First results of Trichoptera collecting with light traps at Vila do Conde (Portugal). Proc. int. Symp. Trich. 2:75-82. BRI17-15112; ZR114.
- 2337 * _____. 1980. [Trichoptera of the River Ave (Vila do Conde, north Portugal) and the possibility of using them as water quality indicators.]. Estud. Inf. Dir.-Geral Ord. Gestao Florest. 287, 12 pp. Port., port., engl. EA13-3053; ASFA(1)12-4341.

- 2338 *Tesh, P., B.N.Chariotis, & K.M.Johnson. 1971. Vesicular stomatitis virus, Indiana serotype: multiplication in and transmission by experimentally infected phlebotomine Sandflies (*Lutzomyia trapidoi*: Dipt., Psychodidae). Amer. J. Epidem. 93:491-495. EA2-8235.
- 2339 *Theischinger, G. 1975. Karl Kusdas in memoriam. Naturk'd Jb. Stadt Linz 21:143-146. EA 7-3693.
- 2340 *Thibault, M. 1971. Ecologie d'un ruisseau à truites des Pyrenees-Atlantiques, Le Lissuraga: II. Les fluctuations thermiques de l'eau; repercussion sur les periodes de sortie et la taille de quelques ephemeroptères, plecoptères et trichoptères. Ann. Hydrobiol. 2:241-274. BA55-481 09; EA3-6578; ZR109.
- 2341 *Thiel, K.-D. & H.-J.Subklew. 1976. [The Dierbach, a stream in the nature protected area 'Eldena' near Greifswald: partial survey of a stream.]. Limnologica 11:101-124. Germ., germ., engl. BA65-8020.
- 2342 *Thomas, A.G.B. 1975. Diptères torrenticoles peu connus: III. Les Atherisidae du sud de la France (Régime alimentaire des larves: aspect qualitatif) (Brachycera, Orthorhapha). Ann. Limnol. 11(2):169-188. Fr., fr., engl. BA62-20611; EA7-3381.
- 2343 _____. 1979. [Little known torrenticole Diptera: 5. Rhagionidae (genus *Chryophilus*) from southern France (Brachycera, Orthorhapha).]. Bull. Soc. Hist. nat. Toulouse 114:305-331. BA69-23923.
- 2344 Thomas, A.G.B., N.Giani, & N.Thomas. 1979. [Actions of Man on the benthic fauna of streams in southeastern France: 1. The rigole canal of Montagne Noire.]. Bull. Soc. Hist. nat. Toulouse 115:30-52. Fr., fr., engl. BA71-3382.
- 2345 Thompson, D.J. 1978. Prey size selection by larvae of the Damselfly, *Ischnura elegans* (Odonata). J. anim. Ecol. 47:769-786. NABS.
- 2346 *Thompson, G.E. & R.W.Davies. 1976. Observations on the age, growth, reproduction, and feeding of Mountain Whitefish (*Prosopium williamsoni*) in the Sheep River, Alberta. Trans. Amer. Fish. Soc. 105:208-219. BA62-59562.
- 2347 *Thorp, V.J. & P.S.Lake. 1973. Pollution of a Tasmanian river by mine effluents. II. Distribution of macroinvertebrates. Int. Rev. ges. Hydrobiol. 58:885-892. BA58-69674; EA7-1026.
- 2348 *_____. 1974. Toxicity bioassays of cadmium and the interaction of cadmium and zinc on the freshwater shrimp, *Paratya tasmaniensis* Riek. Austr. J. mar. freshw. Res. 25:97-104. BA 58-69634; ASFA(1)4-11879; ZR111.
- 2349 *Thorup, J. & T.M.Iversen. 1974. Ingestion by *Sericostoma personatum* Spence (Trichoptera, Sericostomatidae). Arch. Hydrobiol. 74:39-47. BA59-30506; ASFA(1)5-610; ZR111.
- 2350 *Thorup, J. & C.Lindegaard. 1977. Studies on Danish springs. Fol. Limnol. Scand. 17:7-15.
- 2351 *Thurston, R.V., R.J.Luedtke, & R.C.Russo. 1975. Upper Yellowstone River water quality August 1973 - August 1974. Rep. Montana Univ. jnt Water Resources res. Cent. (68):1-57.
- 2352 *Thut, R.N. 1969. Community structure of semi-natural stream systems. pp 5-7. In: The Stream Ecosystem. Amer. Assoc. Adv. Sci. Symp. Tech. Rep. 7. W.K.Kellog Biological Station & Inst. Water Research.
- 2353 *Timms, B.V. 1973. A limnological survey of the freshwater coastal lakes of east Gippsland, Victoria. Austr. J. mar. freshw. Res. 24:1-20.
- 2354 *_____. 1974. Morphology and benthos of three volcanic lakes in the Mt Gambier district, South Australia. Austr. J. mar. freshw. Res. 25:287-297.
- 2355 *_____. 1978. The benthos of seven lakes in Tasmania. Arch. Hydrobiol. 81:422-444. ZR 115.
- 2356 *_____. 1980. The macrobenthos of Lakes Rotoroa and Rotoiti, South Island, New Zealand, with special reference to the influence of allochthonous organic detritus. Arch. Hydrobiol. 90:182-196.
- 2357 *Tindall, M.J. & W.P.Kovalak. 1979. Food particle sizes consumed by larval *Glossosoma nigrrior* (Trichoptera: Glossosomatidae). Gt Lks Ent. 12:105-108. EA11-8406; ASFA(1)10-13993.
- 2358 *Tinsley, T.W. 1979. The potential of insect pathogenic viruses as pesticide agents. Ann. Rev. Ent. 24:63-87. BRI17-18704.

- 2359 *Tippets, W.E. & P.B.Moyle. 1978. Epibenthic feeding by Rainbow Trout (*Salmo gairdneri*) in the McCloud River, California. J. anim. Ecol. 47:549-560. BA67-1899.
- 2360 *Tjønneland, A. 1972. A possible effect of obligatory parthenogenesis on the flight activity of some tropical larvo-aquatic insects. Arbok Univ. Bergen Mat-Naturvitensk, Ser. 3, 7 pp. BA56-61311; ZR109.
- 2361 Tkac, M.A. 1973. The Plecoptera and associated aquatic insects of Stebbins Gulch. MSc thesis, Kent State Univ., Ohio.
- 2362 *Tobias, D. 1973. Köcherfliegen und Steinfliegen einiger Gewässer in Sör Varanger (Nord-Norwegen) (Trichoptera: Plecoptera). II. *Amphinemura norvegica* n. sp. (Nemouridae). Senckenbergiana biol. 54:339-342. [NO CADDIS except in title]. EA5-3975.
- 2363 *_____. 1974. Köcherfliegen und Steinfliegen einiger Gewässer in Sör Varanger (Nord-Norwegen) (Trichoptera, Plecoptera). III. Liste der gefunden Steinfliegen-Arten. Senckenbergiana biol. 55:165-168. BA58-26448; ZR111.
- 2364 *Tobias, W. 1971. Der zeitliche Ablauf des Schlüpfens bei Köcherfliegen (Insecta, Trichoptera). Nat. Mus. 101(4):144-166. BRI7-75458.
- 2365 *_____. 1972. Zur Kenntnis europäischer Hydropsychidae (Insecta: Trichoptera), I. Senckenbergiana biol. 53:59-89. BA55-67182; EA3-3856.
- 2366 *_____. 1972. Zur Kenntnis europäischer Hydropsychidae (Insecta: Trichoptera). II. Senckenbergiana biol. 53:245-268. BA56-8874; EA4-132.
- 2367 *_____. 1972. Zur Kenntnis europäischer Hydropsychidae (Insecta: Trichoptera), III. Senckenbergiana biol. 53:391-407. BA57-8979; EA4-5676.
- 2368 *_____. 1976. Köcherfliegen und Steinfliegen einiger Gewässer in Sör Varanger (Nord-Norwegen) IV. (Trichoptera, Plecoptera). Senckenbergiana biol. 57:49-53. Germ., engl. BA 64-15160; EA8-775; ZR113.
- 2369 *_____. 1976. Köcherfliegen und Steinfliegen einiger Gewässer in Sör Varanger (Nord-Norwegen) (Trichoptera, Plecoptera). V. *Limnephilus minusculus* (Banks, 1907) neu für Europa. Ent. Zeits. m. Insektenbörse 86:121-125. EA9-3976; ZR113.
- 2370 Tobias, W. & W.Döhler. 1976. Prof. Dr. Karl Eidel. Ent. Zeits. m. Insektenbörse 86:13-15. EA7-3694.
- 2371 *Tobias, W. & D.Tobias. 1971. Köcherfliegen und Steinfliegen einiger Gewässer in Sör Varanger (Nord-Norwegen) (Trichoptera, Plecoptera). Senckenbergiana biol. 52:227-245. BA54-55309; EA3-3409; ASFA(1)2-2083, 2792; ZR108.
- 2372 *_____. 1976. Köcherfliegen und Steinfliegen der Varanger-Halbinsel (Nord-Norwegen) (Trichoptera, Plecoptera). Ent. Zeits. m. Insektenbörse 86:201-208. EA9-1818; ZR113.
- 2373 *Tobor, J.G. 1972. The food and feeding habits of some Lake Chad commercial fishes. Bull. Inst. Fond. Afr. noire, Ser. A Sci. nat. 34:179-211. BA56-1633.
- 2374 *Tolkamp, H.H. 1980. Organism-substrate relationships in lowland streams. Comm. Nat. Conserv. Dept, Wageningen 211, 211 pp.
- 2375 *Tolkamp, H.H. & J.C.Both. 1978. Organism-substrate relationship in a small Dutch lowland stream. Preliminary results. Verh. int. Ver. theoret. angew. Limnol. 20:1509-1515.
- 2376 *Tomaszewski, C. 1973. Studies on the adaptive evolution of the larvae of Trichoptera. Acta Zool. Cracov. 18:311-398. Engl., pol., russ. BA58-60789; EA6-4220; ZR110.
- 2377 *_____. 1973. [Effect of constant temperatures on the developmental rates of immature stages of *Phryganea grandis* L. (Trichoptera, Phryganeidae)]. Pol. Pismo ent. 43:799-809. BA59-67122; EA5-5002; ZR110.
- 2378 *Tomkiewicz, S.M. & W.A.Duncan. 1977. Aquatic insect diversity and biomass in a stream marginally polluted by acid strip mine damage. Water Res. 11:397-402. BA64-13615; EA8-7499.
- 2379 Tomokumi, M. & M.Satô. 1978. [Aquatic and semiaquatic insects of the Bonin Islands (including the Volcano Islands)]. Mem. nat. Sci. Mus. 11:107-122. Jap., jap., engl. BA68-35 267; ZR115.
- 2380 *Toshach, S.C. 1977. Pollution control and water quality in the upper Kaiapoi River. Mauri Ora 5:39-51.

- 2381 ***Towns, D.R.** 1978. Some little-known benthic insect taxa from a northern New Zealand river and its tributaries. *NZ Ent.* 6:409-419.
- 2382 *_____. 1979. Composition and zonation of benthic invertebrate communities in a New Zealand Kauri forest stream. *Freshw. Biol.* 9:251-262.
- 2383 ***Townsend, C.R. & A.G.Hildrew.** 1976. Field experiments on the drifting, colonization and continuous redistribution of stream benthos. *J. anim. Ecol.* 45:759-772. BA63-31473; EA8-5457.
- 2384 *_____. 1978. Predation strategy and resource utilisation by *Plectrocnemia conspersa* (Curtis) (Trichoptera: Polycentropodidae). *Proc. int. Symp. Trich.* 2:283-291. BRI17-15137; ZR 114.
- 2385 *_____. 1979. Resource partitioning by two freshwater invertebrate predators with contrasting foraging strategies. *J. anim. Ecol.* 48:909-920. BA69-36006.
- 2386 *_____. 1979. Form and function of the prey-catching net of *Plectrocnemia conspersa* larvae (Trichoptera). *Oikos* 33:412-418.
- 2387 *_____. 1979. Foraging strategies and co-existence in a seasonal environment. *Oecologia* 38:231-234. BA68-72490; EA10-5964.
- 2388 *_____. 1980. Foraging in a patchy environment by a predatory net-spinning Caddis larva: a test of optimal foraging theory. *Oecologia* 47:219-221. BA71-72475.
- 2389 **Tozer, W.** 1980. Life history of *Nectopsyche albida* (Walker) (Trichoptera: Leptoceridae). MSc thesis, Ball State Univ., Muncie, Indiana. 68 pp.
- 2390 ***Tozer, W. & S.Newhouse.** 1976. A distributional survey of the Trichoptera fauna of Delaware County, Indiana. *Proc. Indiana Acad. Sci.* 86:227. [Abstract]. EA10-3282; BRI16-16715; ZR114.
- 2391 ***Trial, J.G.** 1979. The effects of Sevin-4-oil on aquatic insect communities of streams (1976-1978). pp 6-22. *In: Environmental monitoring of cooperative Spruce Budworm control projects, Maine 1978.* Main Dept Conservation, Bureau of Forestry, Augusta, Maine. NABS.
- 2392 ***Trotzky, H.M. & R.W.Gregory.** 1974. The effects of water flow manipulation below a hydroelectric power dam on the bottom fauna of the upper Kennebec River, Maine. *Trans. Amer. Fish. Soc.* 103:318-324. BA58-24698; EA5-7431.
- 2393 **Tsuda, M.** 1973. Trichoptera. pp 579-588. *In: Freshwater Biology of Japan.* ed. T.Kawamura. Biol. Soc. Japan. Jap.
- 2394 **Tsuda, M., K.Ueda, K.Gose, & I.Maki.** 1975. Productivity of the Yoshino River, Nara. pp 339-377. *In: Productivity of communities in Japanese inland waters.* eds Mori & Yamaoto. Univ. Tokyo Press.
- 2395 ***Tsuda, Y.** 1971. [A study of the food habit of *Stenopsyche griseipennis* larvae.]. *Biol. J. Nara Women's Univ.* 21:3-5. BA54-8813.
- 2396 ***Tsui, P.T.P. & B.W.Breedlove.** 1978. Use of the multiple-plate sampler in biological monitoring of the aquatic environment. *Florida Sci.* 41:110-116. BA67-20933.
- 2397 ***Tudorancea, C. & R.H.Green.** 1975. Distribution and seasonal variation of benthic fauna in Lake Manitoba. *Verh. int. Ver. theor. angew. Limnol.* 19:616-623. ASFA(1)7-4346.
- 2398 ***Tudorancea, C., R.H.Green, & J.Huebner.** 1979. Structure, dynamics and production of the benthic fauna in Lake Winnipeg. *Hydrobiologia* 64:59-95. NABS.
- 2399 **Turnbull-Kemp, P.** 1971. Trout in Rhodesia. *Wildlife of the trout streams.* Invertebrates. Rhodesia agric. J. 67:124-130. ZR108.
- 2400 **Turquin, M.J., C.Morand, R.Laurent, J.Gilbert, & Y.Bouvet.** 1973. Le Revermont: la faune cavernicole et son contexte hydrogéologique. *Bull. Soc. nat. Archéol.* 87:87-125. ZR 110.
- 2401 **Twigg, D.W.** 1979. Caddis Flies in the Rotherham area. *Sorby Rec.* 17:34-40. ZR117.
- 2402 ***Ujhelyi, S.** 1971. [Data on the distribution of Leptoceridae (Trichoptera) species in Hungary.]. *Fol. ent. Hung.* 24(9):119-137. Hung., engl. BA53-37913; EA3-4615; ZR108.
- 2403 *_____. 1974. [Notes on the Caddis-fly fauna of the Bükk and Mátra Mountains.]. *Fol. Hist.-nat. Mus. Matra* 2:99-115. Hung., engl.
- 2404 *_____. 1977-78. Adatok az alpokalja szitakötő-, álkérész- és tegzes-faunájához. *Savaria, a vas megyei Múzeumok Értesítője* 11-12:57-65. Hung., engl.

- 2405 * _____. 1979. [Data of some orders of Insecta occurring in Bakony Mountain.]. Különlenyomat a Veszprém megyei múzeumok közleményei 14 kötetéből:85-93. Hung.
- 2406 *Ulfstrand, S. 1972. Ekologiska undersökningar i Vindelälven. Aurlandselven, et symposium angående rennende vanns økologi, Zool. Mus., Univ. Bergen. pp 45-49. Swed.
- 2407 *Ulfstrand, S., L.M.Nilsson, & A.Stergar. 1974. Composition and diversity of benthic species collections colonizing implanted substrates in a south Swedish stream. Ent. Scand. 5: 115-122.
- 2408 *Ulfstrand, S., C.Otto, & B.Svensson. 1971. Förflytnings-och spridningsmönster hos vattendragens insektspopulationer. Svensk Naturvet. (1971):185-190. Swed., engl.
- 2409 *Ulfstrand, S., B.Svensson, P.H.Enckell, L.Hagerman, & C.Otto. 1971. Benthic insect communities of streams in Stora Sjöfallet National Park, Swedish Lapland. Ent. Scand. 2: 309-336. BA54-1352; EA3-3365; ASFA(1)2-5649; ZR108.
- 2410 Ulrich, F. 1977(1978). Interspezifische Bezeihungen bei des Hydrachnellae eines Mittelgebirgsbaches. Verh. Ges. Ökol. 7:253. ZR115.
- 2411 * _____. 1978. [Biological - ecological studies on the larvae of rheophilic water mites (Hydrachnellae, Acari): Schlitz studies on productivity: 29.]. Arch. Hydrobiol., Suppl. 54: 189-255. Germ., germ., engl. BA68-46667.
- 2412 *Ulrich, W. 1972. Hermann Burmeister, 1807 to 1892. Ann. Rev. Ent. 17:1-20.
- 2413 *Umeda, K. 1976. Feeding habits of perlid nymphs. Biol. J. Nara Women's Univ. 26:19-21. BRI13-51256.
- 2414 *Unzicker, J.D. & J.B.Wallace. 1979. In Memoriam. Herbert Holdsworth Ross (1908-1978). J. Georgia ent. Soc. 14:1-2.
- 2415 * _____. 1979. Herbert Holdsworth Ross (1908-1978). J. econ. Ent. 72:309-310.
- 2416 Urchinov, D. 1979. [Carp biology in lakes of the lower reaches of the Zeravshan River, Asiatic USSR.]. Uzb. biol. Zh. (3):59-61. Russ., russ. BRI(BA/RRM)20-2985.
- 2417 *Usynin, V.F. 1978. [Biology of the Sterlet *Acipenser ruthenus* in the Chulym River.]. Vopr. Ikhtiol. 18:624-635. Russ., russ. BA68-72178.
- 2418 *Vaajakorpi, H.A. & L.Salonen. 1973. Bioaccumulation and transfer of C¹⁴-DDT in a small pond ecosystem. Ann. zool. Fenn. 10:539-544. EA5-1697.
- 2419 *Vader, W. 1977. [The brackish-water amphipod *Gammarus zaddachi* in Finnmark.]. Fauna 30:127-133. Norw., norw., engl. BA65-44982; EA9-487.
- 2420 *Vaillant, F. 1961. Fluctuations d'une population madicole au cours d'une année. Verh. int. Ver. theoret. angew. Limnol. 14:513-516.
- 2421 * _____. 1973. La faune de l'Isère et de quelques-uns de ses tributaries. Trav. Lab. Hydrobiol. Piscic. 63(1871):189-214. ASFA(1)4-3547.
- 2422 * _____. 1973. Une zonation du rhitron dans les Alpes occidentales. Ann. Hydrobiol. 4: 136. BRI10-79644.
- 2423 * _____. 1974. Quelques trichoptères Philopotamidae de France et d'Algérie. Ann. Soc. ent. Fr. 10:969-985. BA60-49840; EA6-3377.
- 2424 * _____. 1976. Some Philopotamidae from France. Proc. int. Symp. Trich. 1:25-31. EA7-7566; BRI12-62045.
- 2425 *Vaillant, F. & A.Degrange. 1974. La faune du Rhône et de quelques-uns de ses tributaries. Trav. Lab. Hydrobiol. Piscic. 64-65:25-48. Fr., engl. ASFA(1)5-12390.
- 2426 *Vannote, R.L. & B.W.Sweeney. 1980. Geographic analysis of thermal equilibria: a conceptual model for evaluating the effect of natural and modified regimes on aquatic communities. Amer. Nat. 115:667-695.
- 2427 *Vaught, G.L. & K.W.Stewart. 1974. The life history and ecology of the Stonefly *Neoperla clymene* (Newman) (Plecoptera: Perlidae). Ann. ent. Soc. Amer. 67:167-178. BA58-3086; EA5-7318.
- 2428 *Vera, R. 1973. Claves de determinación de familias y géneros del orden Trichoptera citados de España peninsular. Graellsia 29:37-78. BA61-55701; EA6-6771; ZR112.
- 2429 * _____. 1979. La larva de *Limnephilus guadarramicus* Schmid, 1955 (Trich., Limnephilidae). Bol. Asoc. Esp. Ent. 3:65-71. Span., engl. ZR117.

- 2430 **Vermehren, H.-J.** 1977. Neunachweise von Köcherfliegen (Trichoptera) in Mittel- und Nord-europa. Faun.-ökol. Mitt. 5:111-118. ZR114.
- 2431 ***Verneaux, J.** 1971. Faune dulcaquicole de Franche-Comté. Le Bassin de Doubs (Massif du Jura): 3me Partie: Les trichoptères. Ann. sci. Univ. Besançon 7:29-46. ZR108.
- 2432 *_____. 1972. La larve de *Micrasema setiferum* Pictet (trichoptère, Brachycentridae) description et données écologiques. Ann. Limnol. 8:49-62. Fr., engl., germ. BA56-20621; ZR109.
- 2433 *_____. 1973. Cours d'eau de Franche-Comté (Massif du Jura). Recherches écologiques sur le réseau hydrographique du Doubs - Essai de biotypologie. Ann. sci. Univ. Besançon 9:1-260. ZR110.
- 2434 *_____. 1976. Biotypologie de l'écosystème "eau courante". La structure biotypologique. Compt. rend. Acad. Sci. Paris, Sér. D 283:1663-1666.
- 2435 *_____. 1976. Biotypologie de l'écosystème "eau courante". Les groupements socio-écologiques. Compt. rend. Acad. Sci. Paris, Sér. D 283:1791-1793.
- 2436 ***Verneau, J. & B.Faessel.** 1976. [Larvae of the genus *Hydropsyche* (Trichoptera, Hydropsychidae) taxonomy, biological and ecological data.]. Ann. Limnol. 17:7-16. Fr., fr., engl. BA63-63663; EA8-2426; ZR113.
- 2437 ***Verneau, J. & D.Gaborit.** 1973. [Concerning structures of a large waterway containing Salmonidae.]. Ann. Hydrobiol. 4:138-140. BRI10-79646.
- 2438 ***Verneau, J. & M.Rezzouk.** 1974. Les structures d'une grand cours d'eau à salmonidés: la Cove (Massif du Jura). Essai typologique et problèmes des relations entre espèces et milieu. Ann. Limnol. 10:131-162. BA60-13260; EA5-6660; ASFA(1)5-10140.
- 2439 ***Verollet, G. & H.Tachet.** 1978. [Suction sampler for sampling benthic macroinvertebrates in large rivers.]. Arch. Hydrobiol. 84:55-64. ZR115.
- 2440 **Vialov, O.S.** 1973. [Classification of fossil larval tubes (Trichoptera)]. Dopow. Akad Nauk Ukr. RSR, Ser. B Geol. Geofiz. Khim. Biol. 35:585-588. Ukr., russ., engl. BA57-31764.
- 2441 _____. 1974. [On the tubes of worms *Pectinariopsis* Andrusov.]. Paleontol. Sb. 10:42-52. Russ., engl. ZR118.
- 2442 ***Vialov, O.S. & I.D.Sukatsheva.** 1976. [Fossil Caddisfly cases (Insecta, Trichoptera) and their stratigraphical value.]. In: [Paleontology and biostratigraphy of Mongolia]. Trans. joint Soviet-Mongol. Paleontol. Exped. 3:169-232, plates II-IX. Russ. BRI14-2839.
- 2443 ***Vidal, I.L.** 1978. Copper in the livers of Trout caught below a sewage discharge. NZ J. mar. freshw. Res. 12:217-220. BA68-44911.
- 2444 ***Vigano, A.** 1974. Appunti su alcune specie di tricotteri dell'Appennino Toscano. Boll. Mus. Zool. Univ. Torino 1974(4):25-32. BA59-61735; ZR120.
- 2445 ***Vincent, B.** 1979. [A study of freshwater benthos in the upper estuary of the St Lawrence, Quebec.]. Can. J. Zool. 57:2171-2182. Fr., fr., engl. NABS.
- 2446 ***Vincent, B. & G.Vaillancourt.** 1978. [Benthic organisms in the St Lawrence River near the Gentilly nuclear power plant, Quebec.]. Can. J. Zool. 56:1585-1592. Fr., fr., engl. NABS.
- 2447 ***Vinikour, W.S.** 1980. Biological consequences of stream routing through a final-cut strip mine: benthic macroinvertebrates. Hydrobiologia 75:33-43.
- 2448 ***Vinikour, W.S. & R.V.Anderson.** 1975. Use of a disposable beverage can by freshwater clams, *Sphaerium securis*. Trans. Illinois St. Acad. Sci. 68:165-166. BA62-24716.
- 2449 ***Vojtkova, L.** 1971. Beitrag zur Kenntnis der helmintofauna der Wasserwirbellosen: III. Cestoda, Nematoda, Acanthocephala. Věstník Česk. Spol. Zool. 35:146-155. BA52-120728.
- 2450 ***Voloshenko, B.B.** 1973. [Comparative analysis of feeding of one-summer-old Peled *Coregonus peled* (Gmelin), Chir *Coregonus nasus* (Pallas) and the hydrids grown together.]. Vopr. Ikhtiol. 13:684-691. BA57-48353.
- 2451 ***Voshell, J.R., B.C.Kondratieff, & C.R.Parker.** 1980. Virginia. pp 11-12. In: A guide to collection sites *en route* to Savannah. ed. J.C.Morse. N. Amer. Benth. Soc.
- 2452 ***Vshivkova, T.S.** 1977. [Life cycle of the Caddisfly *Neophylax ussuriensis* (Trichoptera, Limnephilidae)]. pp 72-86. In: [Freshwater fauna of the reserve 'Kedrovaya Pad']. ed. V.Yu. Levanidov. Proc. Inst. Biol. Pedol., Far East Sci. Cent., Acad. Sci. USSR 45(148). Vladivostok. Russ. ZR114.

- 2453 *Wade, G.C. 1975. Aquatic insects. pp 87-93. *In*: The lake country of Tasmania. A symposium. ed. M.R.Banks. R. Soc. Tasmania. ASFA(1)5-1555.
- 2454 *Walker, A.K. & R.A.Galbreath. 1978. Collecting insects at lights. A test of four types of lamp. NZ Ent. 7:83-85. BRI(BA/RRM)19-15396.
- 2455 *Wallace, J.D. 1977. A key to larvae and pupae of *Sericostoma personatum* (Spence) and *Notidobia ciliaris* (Linne) (Sericostomatidae: Trichoptera) in Britain. Freshw. Biol. 7:93-98. BA64-33262; EA9-553; ZR114.
- 2456 *_____. 1978. On distinguishing the larva of *Limnephilus elegans* Curtis in Britain (Trichoptera: Limnephilidae). Ent. Gaz. 29:177-178. EA10-1565; ASFA(1)9-4149; ZR115.
- 2457 *_____. 1978. Problems concerning some previous descriptions of larvae of *Ceraclea fulva* (Rambur) and *C. senilis* (Burmeister) (Trichoptera: Leptoceridae). Proc. int. Symp. Trich. 2: 337-345. BRI17-15144; ZR114.
- 2458 *_____. 1980. Caddis larvae (Trichoptera), with particular reference to those found in the Wirral Peninsular. Ann. Rep. Proc. Lancashire Cheshire ent. Soc. 100:79-85.
- 2459 *_____. 1980. The identification of British limnephilid larvae (Trichoptera: Limnephilidae) which have single-filament gills. Freshw. Biol. 10:171-189. BA70-17191; EA12-1572; AS FA(1)11-3158.
- 2460 *Wallace, J.D. & G.B.Wiggins. 1978. Observations on the larva and pupa of the Caddisfly genus *Hagenella* (Trichoptera: Phryganeidae). Proc. int. Symp. Trich. 2:207-214. BRI17-151 28; ZR114.
- 2461 *Wallace, J.B. 1971. A new species of *Brachycentrus* from Georgia with two unusual characters (Trichoptera: Brachycentridae). Ent. News 82:313-321. BA53-61132; EA3-4861; ZR 109.
- 2462 *_____. 1975. The larval retreat and food of *Arctopsyche*: with phylogenetic notes on feeding adaptations in Hydropsychidae larvae (Trichoptera). Ann. ent. Soc. Amer. 68:167-173. BA59-49910; EA6-7281; ASFA(1)5-5224; ZR112.
- 2463 *_____. 1975. Food partitioning in net-spinning Trichoptera larvae: *Hydropsyche venularis*, *Cheumatopsyche etrona*, and *Macronema zebratum* (Hydropsychidae). Ann. ent. Soc. Amer. 68:463-472. BA60-24487; EA6-8596; ASFA(1)5-9924; ZR112.
- 2464 *_____. 1975. Silk spinning as an escape mechanism in *Hydropsyche orris* larvae following removal from water (Trichoptera: Hydropsychidae). Ann. ent. Soc. Amer. 68:549-550. BA 60-23572; EA7-1360; ASFA(1)5-9887; ZR112.
- 2465 *_____. 1976. A progress report on the North American *Macronema* larvae, their retreats, food, and feeding nets (Trichoptera). Proc. int. Symp. Trich. 1:145-146. EA7-7275; BRI12- 62060; ZR113.
- 2466 *_____. 1979. Some aspects of net-spinning trichopteran diversity. pp 45-64. *In*: Discovery processes and scientific productivity. Symposium. Occ. Pap. Dept Ent., Virginia Polytech. Inst. & State Univ., Blacksburg, Va., USA. TN.
- 2467 *_____. 1980. Georgia. p. 4. *In*: A guide to collection sites *en route* to Savannah. ed. J.C. Morse. N. Amer. Benth. Soc.
- 2468 *Wallace, J.B. & V.E.Brady. 1971. Residue levels of Dieldrin in aquatic invertebrates and effect of prolonged exposure on populations. Pestic. monit. J. 5:295-300. BA53-48265; EA3- 8251.
- 2469 *Wallace, J.B. & D.Malas. 1976. The significance of the elongate, rectangular mesh found in capture nets of fine particle filter feeding Trichoptera larvae. Arch. Hydrobiol. 77:205-212. BA63-27081; EA7-7140; ZR113.
- 2470 *_____. 1976. The fine structure of capture nets of larval Philopotamidae (Trichoptera), with special emphasis on *Dolophilodes distinctus*. Can. J. Zool. 54:1788-1802. BA63-39217; EA8-4447; ZR113.
- 2471 *Wallace, J.B. & R.W.Merritt. 1980. Filter-feeding ecology of aquatic insects. Ann. Rev. Ent. 25:103-132. EA12-1276; BRI(BA/RRM)18-54387.
- 2472 *Wallace, J.B. & H.H.Ross. 1971. Pseudogoerinae: a new subfamily of Odontoceridae (Trichoptera). Ann. ent. Soc. Amer. 64:890-894. BA52-125344; EA3-176; ASFA(1)2-295; ZR 109.

- 2473 *Wallace, J.B. & F.F.Sherberger. 1972. New nearctic species of *Lepidostoma* in the *vernalis* group from the southern Appalachians (Trichoptera: Lepidostomatidae). Ent. News 83:222-228. BA55-8681; ZR109.
- 2474 *_____. 1974. The larval retreat and feeding net of *Macronema carolina* (Trichoptera: Hydroptychidae). Hydrobiologia 45:177-184. BA59-24637; EA6-1448; ASFA(1)5-594; ZR 112.
- 2475 *_____. 1975. The larval dwelling and feeding structure of *Macronema transversum* (Walker) (Trichoptera: Hydroptychidae). Anim. Behav. 23:592-596. BA61-1385; EA6-7525; ZR 112.
- 2476 *Wallace, J.B., S.R.Sherberger, & F.F.Sherberger. 1976. Use of the diatom *Terpsinoe musica* Ehrenb. (Biddulphiales: Biddulphiaceae) as casemaking material by *Nectopsyche* larvae (Trichoptera: Leptoceridae). Amer. midl. Nat. 95:236-239. BA61-47730; EA7-7303; ZR113.
- 2477 *Wallace, J.B., J.R.Webster, & W.R.Woodall. 1977. The role of filter feeders in flowing waters. Arch. Hydrobiol. 79:506-532. Engl., engl., germ. BA65-1265; ASFA(1)8-1964.
- 2478 *Wallace, J.B., W.R.Woodall, & A.A.Staats. 1976. The larval dwelling-tube, capture net and food of *Phylocentropus placidus* (Trichoptera: Polycentropodidae). Ann. ent. Soc. Amer. 69:149-154. BA61-43573; EA8-1224; ASFA(1)6-6485; ZR113.
- 2479 *Wallace, R.R. & H.B.N.Hynes. 1975. The catastrophic drift of stream insects after treatments with Methoxychlor (1,1,1-trichloro-2,2-bis(p-methoxyphenol) ethane). Environ. Pollut., Ser. A 8:255-267.
- 2480 *Wallace, R.R., H.B.N.Hynes, & W.F.Merritt. 1976. Laboratory and field experiments with Methoxychlor as a larvicide for Simuliidae (Diptera). Environ. Pollut., Ser. A 10:251-269. BA62-46437.
- 2481 *Wallace, R.R., A.S.West, A.E.R.Downe, & H.B.N.Hynes. 1973. The effects of experimental Blackfly (Diptera: Simuliidae) larviciding with Abate, Dursban, and Methoxychlor on stream invertebrates. Can. Ent. 105:817-831.
- 2482 Walton, O.E., Jr. 1978. Substrate acquisition by drifting aquatic insect larvae. Bull. Assoc. SE Biol. 25(2):32. BRI15-18837.
- 2483 *_____. 1978. Substrate attachment by drifting aquatic insect larvae. Ecology 59:1023-1030. BA68-27258.
- 2484 *_____. 1980. Active entry of stream benthic macroinvertebrates into the water column. Hydrobiologia 74:129-140.
- 2485 *Ward, J.V. 1974. A temperature-stressed stream ecosystem below a hypolimnial release mountain reservoir. Arch. Hydrobiol. 74:247-275.
- 2486 *_____. 1975. Bottom fauna-substrate relationships in a northern Colorado trout stream: 1945-1974. Ecology 56:1429-1434. ASFA(1)6-8673.
- 2487 *_____. 1976. Comparative limnology of differentially regulated sections of a Colorado mountain river. Arch. Hydrobiol. 78:319-342.
- 2488 *Ward, J.V., S.P.Canton, & L.J.Gray. 1978. The stream environment and macroinvertebrate communities: contrasting effects of mining in Colorado and the eastern United States. pp 176-187. In: Energy and environmental stress in aquatic systems. eds Thorp & Gibbons. DOE Symp. Ser. 48, Conf.-771114, Tech. Info. Cent., U.S. Dept of Energy.
- 2489 *Ward, J.V. & R.G.Dufford. 1979. Longitudinal and seasonal distribution of macroinvertebrates and epilithic algae in a Colorado springbrook-pond system. Arch. Hydrobiol. 86:284-321.
- 2490 *Ward, J.V. & R.A.Short. 1978. Macroinvertebrate community structure of four special lotic habitats in Colorado, U.S.A. Verh. int. Ver. theoret. angew. Limnol. 20:1382-1387. ASFA(1)14-3872; BRI 17-45748; ZR115.
- 2491 *Ward, J.V. & J.A.Stanford. 1979. Ecological factors controlling stream zoobenthos with emphasis on thermal modification of regulated streams. pp 35-55. In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, New York.
- 2492 *Ware, D.M. 1973. Risk of epibenthic prey to predation by Rainbow Trout (*Salmo gairdneri*). J. Fish. Res. Bd Can. 30:787-797.

- 2493 **Wareham, D.C.** 1973. Caddis-flies. *Aquarist Pondkeeper* 37:442-443. ZR110.
- 2494 ***Warner, R.W.** 1971. Distribution of biota in a stream polluted by acid mine-drainage. *Ohio J. Sci.* 71:202-216. BA53-1303; ZR108.
- 2495 ***Warnick, S.L. & H.L.Bell.** 1969. The acute toxicity of some heavy metals to different species of aquatic insects. *J. Water Pollut. Contr. Fed.* 41:280-284.
- 2496 ***Warren, R.G.** 1973. *Entomology*. N. Staffordshire J. fld Stud. 13:144-146. ZR110.
- 2497 *_____. 1975. Staffordshire Trichoptera (Caddisflies). *N. Staffordshire J. fld Stud.* 15:1-9. ZR112.
- 2498 ***Watanabe, N.C. & S.Harada.** 1976. [Some problems in sampling stream fauna, with particular reference to the variability of samples.]. *Jap. J. Limnol.* 37:47-58. Jap., engl. BA64-78 37.
- 2499 ***Waters, T.F.** 1972. The drift of stream insects. *Ann. Rev. Ent.* 17:253-272.
- 2500 *_____. 1977. Secondary production in inland waters. *Adv. ecol. Res.* 10:91-164.
- 2501 *_____. 1979. Influence of benthos life history upon the estimation of secondary production. *J. Fish. Res. Bd Can.* 36:1425-1430. NABS.
- 2502 ***Waters, W.E. & V.H.Resh.** 1979. Ecological and statistical features of sampling insect populations in forest and aquatic environments. pp 569-617. *In: Contemporary quantitative ecology and related eometrics. eds Patil & Rosenzweig.* Int. co-op. Publ. House, Burtonsville, Maryland, USA. NABS.
- 2503 ***Watts, E.** 1975. The pupation of *Agraylea multipunctata* Curtis (Trichoptera, Hydroptilidae). *Ent. mon. Mag.* 111:15-22. BA63-16315; EA7-5570; ZR113.
- 2504 ***Weaver, J.S., III, B.G.Swegman, & J.L.Sykora.** 1979. The description of immature forms of *Aphropsyche monticola* Flint (Trichoptera: Hydropsychidae). *Aquat. Ins.* 1:143-148. EA 11-9099.
- 2505 ***Weaver, J.S., III, & J.L.Sykora.** 1979. The *Rhyacophila* of Pennsylvania, with larval descriptions of *R. banksi* and *R. carpenteri* (Trichoptera: Rhyacophilidae). *Ann. Carnegie Mus.* 48:403-423. BA70-58364.
- 2506 ***Weaver, J.S., III, & T.R.White.** 1980. A rapid, steam bath method for relaxing dry insects. *Ent. News* 91:122-124.
- 2507 ***Webb, D.W.** 1980. Primary insect types in the Illinois Natural History Survey collection, exclusive of the Collembola and Thysanoptera. *Bull. Illinois nat. Hist. Surv.* 32:55-191.
- 2508 *_____. 1980. The effects of Toxaphene piscicide on benthic macroinvertebrates. *J. Kans. ent. Soc.* 53:731-744.
- 2509 ***Webster, J.R. & J.B.Wallace.** 1975. Productivity of southeastern stream ecosystems. pp 64-78. *In: Symp. on trout habitat research and management procedures.* U.S. Dept Agric., Askerville, N. Carolina.
- 2510 **Weed, C.E. & C.W.Rutschky.** 1972. Benthic macroinvertebrate community structure in a stream receiving acid mine drainage. *Proc. Philadelphia Acad. Sci.* 46:41-47. BRI10-32296.
- 2511 ***Wefring, D.R. & J.C.Teed.** 1980. Device for collecting replicate artificial substrate samples of benthic invertebrates in large rivers. *Progr. Fish-Cult.* 42:26-28. BRI(BA/RRM)21-2641.
- 2512 **Weiser, J. & Z.Žižka.** 1977. Perisporal structures in the pansporoblasts of microsporidia. *Proc. th Czech. Conf. Electron Microsc.* A 15:406-407.
- 2513 ***Weispfennig, E.** 1973. Der Schürener Bach bei Calle (Sauerland) und seine Tierwelt. *Nat. Heimat* 33:55-64. BerRob.
- 2514 ***Weiss, W.** 1972. Architekten - Schreidergesellen - Fallensteller. Köcherfliegen-Larven. *Aquarien Mag.* 6(9):380-383. BRI13-3325; ZR109.
- 2515 ***Welch, R.C.** 1973. Trichoptera. pp 150-151. *In: Monks Wood. A nature reserve record. eds Steele & Welch.* Nature Conservancy, N.E.R.C., U.K. ZR110, 112.
- 2516 ***Weller, M.W.** 1975. Notes on formation and life of ponds of the Falkland Islands and South Georgia. *Brit. Antarct. Surv. Bull.* 40:37-47. ASFA(1)5-12954.
- 2517 ***Wells, A.** 1978. A review of the Australian species of *Hydroptila* Dalman (Trichoptera: Hydroptilidae) with descriptions of new species. *Austr. J. Zool.* 26:745-762. BA68-16028; EA10-4762; ZR115.

- 2518 *_____. 1979. A review of the Australian genera *Xuthotrichia* Mosely and *Hellyethira* Neboiss (Trichoptera: Hydroptilidae). Austr. J. Zool. 27:311-329. EA11-1447.
- 2519 *_____. 1979. The Australian species of *Orthotrichia* (Trichoptera: Hydroptilidae). Austr. J. Zool. 27:585-622. BA69-65318; EA11-7064.
- 2520 *_____. 1980. A review of the Australian genera *Orphnino-trichia* Mosely and *Maydenoptila* Neboiss (Trichoptera: Hydroptilidae), with descriptions of new species. Austr. J. Zool. 28:627-645. BA71-31847.
- 2521 *Whalley, P. 1977. Lower Cretaceous Lepidoptera. Nature 266:526. BRI14-19947.
- 2522 _____. 1978. New taxa of fossil and recent Micropterigidae with a discussion of their evolution and a comment on the evolution of Lepidoptera (Insecta). Ann. Transvaal Mus. 31: 1-86. ZR115.
- 2523 *Whitaker, J.O. 1975. Foods of some fishes from the White River at Petersburg, Indiana. Proc. Indiana Acad. Sci. 84:491-499.
- 2524 *_____. 1977. Seasonal changes in food habits of some cyprinid fishes from the White River at Petersburg, Indiana. Amer. midl. Nat. 97:411-418. BA64-7775.
- 2525 *Whitaker, J.O., Jr, G.S.Jones, & D.D.Pascal, Jr. 1975. Notes on mammals of the Fires Creek area, Nantahala Mountains, North Carolina, including their ectoparasites. J. Elisha Mitchell Sci. Soc. 91(1):13-17. BA62-24352.
- 2526 *Whitaker, J.O., Jr, C.Maser, & L.E.Keller. 1977. Food habits of Bats of western Oregon. NW Sci. 51:46-55.
- 2527 *Whitaker, J.O., Jr, R.A.Schlueter, & G.A.Tieben. 1977. Effects of heated water on fish and invertebrates of White River at Petersburg, Indiana. Water Resources Res. Cent., Report of investigations 8, x+198 pp. Indiana Univ., Bloomington.
- 2528 *White, D.S. 1979. Utilization of study streams. In: Innovative teaching in aquatic Entomology. eds Resh. & Rosenberg. Can. spec. Publ. Fish. aquat. Sci. (43):51-55. ISBN 0-66-10 495-4.
- 2529 *White, D.S. & J.R.Gammon. 1978. The effect of suspended solids on macroinvertebrate drift in an Indiana, U.S.A., creek. Proc. Indiana Acad. Sci. 86:182-188. BRI16-16707.
- 2530 *White, D.S. & M.T.Henschen. 1978. A mark-recapture method for adult Caddisflies (Insecta: Trichoptera). SW Nat. 23:533-535. ZR115.
- 2531 *White, S.T. & D.C.Wallace. 1973. Diel changes in the feeding activity and food habits of the Spotfin Shiner, *Notropis spilopterus* (Cope). Amer. midl. Nat. 90:200-206. BA56-59933; ASFA(1)4-676.
- 2532 *White, T.R. 1980. South Carolina. pp 6-8. In: A guide to collection sites *en route* to Savannah. ed. J.C.Morse. N. Amer. Benth. Soc.
- 2533 _____. 1980. Recolonization of streams by aquatic insects following channelization. PhD thesis, Clemson Univ., Clemson, S. Carolina, USA. 119 pp.
- 2534 White, T.R. & R.C.Fox. 1979. Chironomid (Diptera) larvae and hydroptilid (Trichoptera) pupae attached to a macromiid nymph (Anisoptera). Not. Odonat. 1:76-77. EA11-6465.
- 2535 *White, T.R., J.S.Weaver, III, & R.C.Fox. 1980. Phoretic relationships between Chironomidae (Diptera) and benthic macroinvertebrates. Ent. News 91:69-74.
- 2536 *Whitebread, S.E. 1979. *Triaenodes reuteri* McLachlan in Kent (Trichoptera: Leptoceridae). Ent. Rec. J. Var. 91:156.
- 2537 Whitehouse, F.I. 1977. Reports of recorders. Trichoptera notes. Bull. Kent field Club (22): 36. ZR114.
- 2538 Whitehouse, I.W. 1978. Trichoptera notes 1977. Bull. Kent field Club, (23):31-32. ZR115.
- 2539 *Whitehouse, J.W. 1971. Some aspects of the biology of Lake Trawsfyndd; a power station cooling pond. Hydrobiologia 38:253-288.
- 2540 *Whiteside, M.C. & C.Lindegaard. 1980. Complementary procedures for sampling small benthic invertebrates. Oikos 35:317-320. NABS.
- 2541 *Wiberg-Larsen, P. 1979. Revised key to larvae of Beraeidae in NW Europe (Trichoptera). Ent. Scand. 10:112-118. BRI(BA/RRM)18-15632.
- 2542 *_____. 1979. Larva of the Caddisfly *Ceraclea dissimilis* (Stephens) (Trichoptera: Leptoceridae). Ent. Scand. 10:119-122. BA69-17401; EA11-4537.

- 2543 * _____. 1980. [Key to larvae of the Danish Hydropsychidae with notes on distribution and ecology.]. Ent. Medd. 47:125-149. Dan., engl. BA71-10743; EA11-8922.
- 2544 ***Wiberg-Larsen, P., M.Stoltze, & B.Mogensen.** 1980. [*Holocentropus stagnalis* (Albarda) and *Limnephilus tauricus* Schmid new to Denmark with notes on four other rare Caddis-flies.]. Ent. Medd. 48:11-14. Dan., engl. BA71-81439; EA12-3240.
- 2545 ***Wichard, W.** 1971. Köcherfliegen (Trichoptera) der Quellregion im Siebengebirge. Decheniana 123:267-270. BA56-26560; EA3-3410; ZR108.
- 2546 * _____. 1973. Zur Morphologie des respiratorischen Epithels der Tracheenkiemen bei Larven der Limnephilini Kol. (Insecta, Trichoptera). Zeit. Zellforsch. Mikrosk. Anat. 144: 585-592. BA59-49614; EA5-2825; ZR110.
- 2547 * _____. 1974. Grundzüge der Trichopterenbesiedlung mitteleuropäischer Seen. Gewäss. Abwäss. 53-54:85-89. EA6-7439; ASFA(1)5-9816.
- 2548 * _____. 1974. Zur morphologischen Anpassung von Tracheenkeimen bei Larven der Limnephilini Kol. (Insecta, Trichoptera). I. Autökologische Untersuchungen im Eggstätter Seengebiet im Chiemgau. Oecologia 15:159-167. BA58-66781; EA6-2511; ASFA(1)4-10276, 5-398; ZR111.
- 2549 * _____. 1974. Zur morphologischen Anpassung von Tracheenkeimen bei Larven der Limnephilini Kol. (Insecta, Trichoptera). II. Adaptationsversuche unter verschiedenen O₂-Bedingungen während der larvalen Entwicklung. Oecologia 15:169-175. BA58-66782; EA6-2512; ASFA(1)4-10277, 5-399; ZR111.
- 2550 * _____. 1975. Zur osmoregulatorischen Anpassung von Wasserinsekten im Neusiederseegebiet. Nachr.-Bl. Bayer. Ent. 24(5):81-87. Germ., engl. EA8-3592; ZR112.
- 2551 * _____. 1976. Morphologische Mechanismen für die osmoregulatorische Anpassung von Köcherfliegenlarvae. Verh. Deuts. zool. Ges. 69:216. ASFA(1)7-15772; BRI14-2452.
- 2552 * _____. 1976. Morphologische Komponenten bei der Osmoregulation von Trichopterenlarven. Proc. int. Symp. Trich. 1:171-177. EA7-6871; BRI12-62065; ZR113.
- 2553 * _____. 1978. Structure and function of the tracheal gills of *Molanna angustata* Curt. Proc. int. Symp. Trich. 2:293-296. BRI17-15138; ZR114.
- 2554 * _____. 1978. Die Köcherfliegen (Trichoptera). Die neue Brehm-Bücherei 512, 63 pp. A.Ziensen Verlag, Wittenburg Lutherstadt. ZR115.
- 2555 * _____. 1979. Rote Liste der in Nordrhein-Westfalen gefährdeten Köcherfliegen (Trichoptera). Schr. Landesanst. Ökol. Landsch. entw. Forstplan. Nordrh.-Westf. 4:65-67.
- 2556 ***Wichard, W. & H.Beyer.** 1972. Köcherfliegen (Trichoptera) im NSG Heiliges Meer in Westfalen. Decheniana 125:43-48. BA56-49749; EA4-5941; ASFA(1)3-7545; ZR110.
- 2557 ***Wichard, W. & H.Komnick.** 1971. Zur Feinstruktur der Tracheenkeimen von *Glyphotaelius pellucidus* Retz. (Insecta, Trichoptera). Cytobiol. 3:106-110. BA52-709; EA2-6416.
- 2558 * _____. 1973. Fine structure and function of the abdominal chloride epithelia in Caddisfly larvae. Zeit. Zellforsch. Mikrosk. Anat. 136:579-590. BA56-55018; EA4-2662; ZR110.
- 2559 * _____. 1974. Structure and function of the respiratory epithelium in the tracheal gills of Stonefly larvae. J. Ins. Physiol. 20:2397-2406. BA59-36943.
- 2560 ***Wichard, W. & M.Schmitz.** 1980. Anpassungsmechanismen der osmoregulatorischen Ionenaufnahme bei Limnephilidae-Larven (Insecta, Trichoptera). Gewäss. Abwäss. 66-67:102-118. Germ., engl. ASFA(1)12-7107.
- 2561 ***Wichard, W. & G.Unkelbach.** 1973. Köcherfliegen (Trichoptera) des Eggstätter Seengebietes im Chiemgau. Nachr.-Bl. Bayer. Ent. 22(2):17-22. EA5-6663; ZR110.
- 2562 * _____. 1973. Köcherfliegen (Trichoptera) der Eifeler Maare. Decheniana 126:407-413. BA58-50237; EA77-1566.
- 2563 ***Wiederholm, T.** 1980. Effects of dilution on the benthos of an alkaline Lake. Hydrobiologia 68:199-207.
- 2564 ***Wiederholm, T. & L.Eriksson.** 1977. Benthos in an acid lake. Oikos 29:261-267. NABS.
- 2565 ***Wielgolaski, F.E.** 1975. Biological indicators on pollution. Urban Ecol. 1(1):63-79. BA62-34265.
- 2566 ***Wielgosz, S.** 1979. The effect of wastes from the town of Olsztyn on invertebrate communities in the bottom of the River Łyna. Acta Hydrobiol. 21:149-165. Engl., pol.

- 2567 *_____. 1979. The structure of zoobenthos communities of a fine-grained substrate of the River Lyna. *Acta Hydrobiol.* 21:19-35. Engl., pol. NABS.
- 2568 *Wiemers, W. 1978. Die Invertebratenfauna der Fließgewässer im Solinger Raum. *Decheniana* 131:172-182. Germ., engl.
- 2569 *_____. 1980. Beitrag zur Invertebratenfauna der Elz und ihrer Nebenbäche. *Decheniana* 133:149-154. Germ., engl. BerRob.
- 2570 *Wiens, A.P., D.M.Rosenberg, N.B.Snow. 1975. Species list of aquatic plants and animals collected from the MacKenzie and Porcupine river watersheds from 1971-1973. Tech. Rep. 557, Fish & Marine Service, Environment Canada, Winnipeg. v+39pp.
- 2571 *Wiggins, G.B. 1972. The Caddisfly family Phryganeidae: classification and phylogeny for the world fauna (Trichoptera). p. 342. *In: Proc. 13th Int. Congr. Ent., Moscow, 1968, 3.* Nauka, Leningrad. ZR109.
- 2572 *_____. 1973. A contribution to the biology of Caddisflies (Trichoptera) in temporary pools. *Life Sci. Contr., r. Ontario Mus.* (88):1-28. BA56-43714; ZR110.
- 2573 *_____. 1973. New systematic data for the North American Caddisfly genera *Lepania*, *Goeracea* and *Goerita* (Trichoptera: Limnephilidae). *Life Sci. Contr., r. Ontario Mus.* (91):1-33. BA58-50227; ZR110.
- 2574 *_____. 1973. Contributions to the systematics of the Caddisfly family Limnephilidae (Trichoptera). I. *Life Sci. Contr., r. Ontario Mus.* (94):1-31. BA57-66939; ZR110.
- 2575 *_____. 1975. Contributions to the systematics of the Caddisfly family Limnephilidae (Trichoptera). II. *Can. Ent.* 107:325-336. BA60-9288; EA6-4281; ZR112.
- 2576 *_____. 1976. Contributions to the systematics of the Caddisfly family Limnephilidae (Trichoptera). Part 3. The genus *Goereilla*. *Proc. int. Symp. Trich.* 1:7-19. EA7-6690; BRI12-62 043; ZR113.
- 2577 *_____. 1977. Larvae of the North American Caddisfly genera (Trichoptera). Univ. Toronto Press, xi+401 pp. ZR114.
- 2578 *_____. 1978. Trichoptera. pp 147-185. *In: An introduction to the aquatic insects of North America.* eds Merritt & Cummins. Kendall/Hunt Publ. Co., Dubuque, Iowa, USA. 1st ed. ZR115.
- 2579 *_____. 1979. Trichoptera. *In: Canada and its Insect fauna.* ed. H.V.Danks. *Mem. ent. Soc. Can.* (108):482-484. .
- 2580 *Wiggins, G.B. & S.Kuwayama. 1971. A new species of the Caddisfly genus *Oligotrichia* from northern Japan and Sakhalin, with a key to the adults of the genus (Trichoptera: Phryganeidae). *Kontyû* 39:340-346. BA54-14695; ZR108.
- 2581 *Wiggins, G.B., E.Y.C.Lin, & K.E.Chua. 1976. Preliminary scanning electron microscopy investigation of an aqueous carbohydrate material. The gelatinous matrix of Caddis-fly eggs (Insecta: Trichoptera). pp 605-610. *In: Scanning electron microscopy, II.* eds Johari & Becker. *Proc. Workshops biol. Appl., part VIII. Zool. Appl. SCM. I.I.T. Res. Inst., Chicago, Illinois.* BRI12-79674; ZR115.
- 2582 *Wiggins, G.B. & R.J.MacKay. 1978. Some relationships between systematics and trophic ecology in nearctic aquatic insects, with special reference to Trichoptera. *Ecology* 59:1211-1220. BA68-41954; EA10-8438; ASFA(1)9-16307; ZR115.
- 2583 *Wiggins, G.B., R.J.MacKay, & I.M.Smith. 1980. Evolutionary and ecological strategies of animals in annual temporary pools. *Arch. Hydrobiol., Suppl.* 58:97-206.
- 2584 *Wilhm, J., H.Namminga, & C.Ferraris. 1978. Species composition and diversity of benthic macroinvertebrates in Greasy Creek, Red Rock Creek and the Arkansas River. *Amer. midl. Nat.* 99:444-453. BA66-32575.
- 2585 *Williams, D.D. 1977. Movements of benthos during the recolonization of temporary streams. *Oikos* 29:306-312. NABS.
- 2586 *_____. 1979. 6. Aquatic habitats of Canada and their Insects. *Mem. ent. Soc. Can.* 108: 211-234.
- 2587 *_____. 1980. Some relationships between stream benthos and substrate heterogeneity. *Limnol. Oceanogr.* 25:166-172.

- 2588 *_____. 1980. Temporal patterns in recolonization of stream benthos. Arch. Hydrobiol. 90:56-74.
- 2589 *Williams, D.D. & H.B.N.Hynes. 1974. The occurrence of benthos deep in the substratum of a stream. Freshw. Biol. 4:233-256.
- 2590 *_____. 1976. The recolonization mechanisms of stream benthos. Oikos 27:265-272. NABS.
- 2591 *_____. 1976. The ecology of temporary streams. 1. The faunas of two Canadian streams. Int. Rev. ges. Hydrobiol. 61:761-787. ASFA(1)7-11754.
- 2592 *_____. 1976. Stream habitat selection by aerially colonizing invertebrates. Can. J. Zool. 54:685-693.
- 2593 *_____. 1977. The ecology of temporary streams II. General remarks on temporary streams. Int. Rev. ges. Hydrobiol. 62:53-61.
- 2594 *Williams, D.D. & J.H.Mundie. 1978. Substrate size selection by stream invertebrates and the influence of sand. Limnol. Oceanogr. 23:1030-1033.
- 2595 *Williams, D.D. & B.L.Pennak. 1980. Some aspects of case building in *Phryganea cinerea* Walker (Trichoptera: Phryganeidae). Anim. Behav. 28:103-110. BA70-14079; EA11-7304; ASFA(1)10-13525.
- 2596 *Williams, D.D. & N.E.Williams. 1975. A contribution to the biology of *Ironoquia punctatissima* (Trichoptera: Limnephilidae). Can. Ent. 107:829-832. BA60-61787; EA6-7273; ASFA(1)5-12097; ZR112.
- 2597 Williams, G.A. 1979(1980). Llyn Mawr, Montgomery, Powys. Ann. Rep. N. Wales Nature Trust 17:26-27. ZR117.
- 2598 *Williams, N.E. & H.B.N.Hynes. 1973. Microdistribution and feeding of the net-spinning Caddisflies (Trichoptera) of a Canadian stream. Oikos 24:73-84. BA56-65606; EA4-8374; ASFA(1)3-12524; ZR110.
- 2599 *Williams, N.E. & A.V.Morgan. 1977. Fossil Caddisflies (Insecta: Trichoptera) from the Don formation, Toronto, Ontario, and their uses in paleoecology. Can. J. Zool. 55:519-527. Engl., engl., fr. BA64-21293; EA8-7705; ZR114.
- 2600 *Williams, N.E. & D.D.Williams. 1979. Distribution and feeding records of the Caddisflies (Trichoptera) of the Matamek River region, Québec. Can. J. Zool. 57:2402-2412. BA69-77246; EA11-9725; ASFA(1)10-17571.
- 2601 *Williams, R.D. & R.N.Winget. 1979. Macroinvertebrate response to flow manipulation in the Strawberry River, Utah (USA). pp 265-276. In: The ecology of regulated streams. eds Ward & Stanford. Plenum Press, New York.
- 2602 *Williams, T.R. & H.B.N.Hynes. 1973. A survey of the fauna of streams on Mount Elgon, East Africa, with special reference to the Simuliidae (Diptera). Freshw. Biol. 1:227-248. ZR 110.
- 2603 *Williamson, P. 1980. Comparison of metal levels in invertebrate detritivores and their natural diets: concentration factors reassessed. Oecologia 44:75-79.
- 2604 *Wilson, M.V.H. 1977. New records of insect families from the freshwater Middle Eocene of British Columbia. Can. J. Earth Sci. 14:1139-1155. BA64-45609.
- 2605 *_____. 1977. Paleoecology of Eocene lacustrine varves at Horsefly, British Columbia. Can. J. Earth Sci. 14:953-962.
- 2606 *_____. 1978. Paleogene insect faunas of western North America. Quaest. ent. 14:13-34.
- 2607 Wimmer, H.P. 1979. An anatomical and phylogenetic study of Trichoptera including a partial check-list of Vermont species. PhD thesis, Univ. Vermont, Burlington. 300 pp.
- 2608 *Winberg, G.G., Alimov, A.F., V.V.Boullion N.P.Finogenova, M.V.Fursenko, M.B.Ivanova, E.V.Korobtsova, N.K.Kuzmitzkaya, & V.N.Nikulina . 1973. Biological productivity of two subarctic lakes. Freshw. Biol. 3:177-197.
- 2609 Winget, R.N. & F.A.Mangum. 1979. Aquatic ecosystem inventory macroinvertebrate analysis. Biotic condition index: integrated biological, physical, and chemical parameters for management. USDA, Intermountain Reg., US Forest Serv. 51 pp.
- 2610 Winkler, O. 1977. [Beitrag zur Kenntnis von Entomfauna der Bäche in Krkonoše (Reisengebirge)]. Oзера Corcentica 14:143-153. Czech., germ. ZR114.

- 2611 _____, 1979. [Beitrag zur benthischen Makrofauna zweier Bäche in dem durch exhalation-
en gefährdeten Gebiet des Erzgebirges.]. Sborn. severoč. Mus. (Přir Vědy) 11:123-147.
Czech., germ. ZR117.
- 2612 *Winner, R.W., M.W.Boesel, & M.P.Farrell. 1980. Insect community structure as an index
of heavy-metal pollution in lotic ecosystems. Can. J. Fish. aquat. Sci. 37:647-655. BA70-54
060; EA11-8764.
- 2613 *Winner, R.W., S.van Dyke, & N.Carls. 1974. Response of the macro-invertebrate fauna to
a copper gradient in an experimentally-polluted stream. p. 231. In: XIX Congr. int. Assoc.
Limnol. ed. K.E.Marshall. [Abstract]. BRI11-90636.
- 2614 *Winner, R.W., S.van Dyke, N.Carls, & M.P.Farrel. 1975. Response of the macro-inverte-
brate fauna to a copper gradient in an experimentally polluted stream. pp 2121-2127. In:
Verh. int. Ver. theoret. angew. Limnol., 3. ed. V.Sladecek. BRI13-22804.
- 2615 *Winterbourn, M.J. 1971. The life histories and trophic relationships of the Trichoptera of
Marion Lake, British Columbia. Can. J. Zool. 49:623-635. BA52-113915; ASFA(1)1-4354;
ZR108.
- 2616 *_____. 1971. An ecological study of *Banksiola crotchi* (Trichoptera, Phryganeidae) in
Marion Lake, British Columbia. Can. J. Zool. 49:637-645. BA52-113916; ZR108.
- 2617 *_____. 1973. Ecology of the Copland River warm springs, South Island, New Zealand.
Proc. NZ ecol. Soc. 20:72-78.
- 2618 *_____. 1974. The life cycle, trophic relations and production of *Stenoperla prasina* (Pleco-
ptera) and *Deleatidium* sp. (Ephemeroptera) in a New Zealand river. Freshw. Biol. 4:507-
524. BA60-7309.
- 2619 *_____. 1976. Fluxes of litter falling into a small Beech forest stream. NZ J. mar. freshw.
Res. 10:399-416.
- 2620 *_____. 1977. 19. Biology of the stream fauna. pp 279-290. In: CASS. ed. C.J.Burrows.
University of Canterbury, New Zealand.
- 2621 *_____. 1978. An evaluation of the mesh bag method for studying leaf colonization by
stream invertebrates. Verh. int. Ver. theoret. angew. Limnol. 20:1557-1561.
- 2622 *_____. 1978. The food and occurrence of larval Rhyacophilidae and Polycentropodidae in
two New Zealand rivers. Proc. int. Symp. Trich. 2:55-66. BRI17-15110; ZR114.
- 2623 *_____. 1978. The macroinvertebrate fauna of a New Zealand forest stream. NZ J. Zool.
5:157-170. BA66-69737.
- 2624 *_____. 1980. The freshwater insects of Australasia and their affinities. Palaeogeog.
Palaeoecol. 31:235-249. EA12-5038; ASFA(1)11-8900; BRI(BA/RRM)21-265
65.
- 2625 *_____. 1980. Benthic communities of South Island Beech forest streams. Beech Res.
News 7:5-10.
- 2626 *Winterbourn, M.J. & N.H.Anderson. 1980. The life history of *Philanisus plebeius* Walker
(Trichoptera: Chathamidae), a Caddisfly whose eggs were found in a Starfish. Ecol. Ent. 5:
293-303. BA71-31860; EA12-2796.
- 2627 *Winterbourn, M.J. & S.F.Davis. 1976. Ecological role of *Zelandopsycha ingens* (Tricho-
ptera: Oeconisidae) in a Beech forest stream ecosystem. Austr. J. mar. freshw. Res. 27:197-
215. BA62-59619; EA8-2929; ZR113.
- 2628 *Wise, K.A.J. 1970. On the terrestrial invertebrate fauna of White Island, New Zealand.
Rec. Auckl. Inst. Mus. 7:217-252.
- 2629 *_____. 1972. Trichoptera of the Auckland Islands. Rec. Auckl. Inst. Mus. 9:253-267. BA
57-3045; ZR109.
- 2630 *_____. 1973. A list and bibliography of the aquatic and water-associated insects of New
Zealand. Rec. Auckl. Inst. Mus. 10:143-187.
- 2631 *_____. 1974. Trichoptera. Encyclopaedia Britannica, 15th ed., vol. 18:709-711.
- 2632 *_____. 1977. Trichoptera. pp 136-144. In: A synonymic checklist of the Hexapoda of the
New Zealand sub-region. The smaller orders. Bull. Auckl. Inst. Mus. 11. ZR114.
- 2633 *_____. 1978. A preliminary report on the terrestrial invertebrate fauna of the Lau group of
Fiji, collected during the South Pacific Expedition, 1977. Bull. r. Soc. NZ 17:53-61.

- 2634 *_____. 1978. Further records of subantarctic Trichoptera. Rec. Auckl. Inst. Mus. 15:111-113. BA69-3600.
- 2635 *Wise, D.H. & M.C.Molles, Jr. 1979. Colonization of artificial substrates by stream insects: influence of substrate size and diversity. Hydrobiologia 65:69-74.
- 2636 *Witkowski, A. 1972. Characteristic of *Cottus gobio* L. from streams Dzika Ortica, and Kamieny Potok in lower Silesia. Pol. Arch. Hydrobiol. 19:403-419. Engl., pol. BA56-30360.
- 2637 *Włodek, ????. 1971. Dr Krystyna Zaćwilichowska, 1924-1969. Acta Hydrobiol. 13:1-4.
- 2638 *Wojcik, B. & L.Butler. 1977. Aquatic insects as indicators of stream environmental quality in northern West Virginia. Bull. W. Virginia agric. Exp't. Stn. 653T:1-16. BRI13-45077.
- 2639 *Wold, J.L. 1974. Systematics of the genus *Rhyacophila* (Trichoptera: Rhyacophilidae) in western North America with special reference to the immature stages. PhD thesis, Oregon State Univ., Corvallis. iv+229 pp.
- 2640 *Wolf, J., J.McMahon, & M.Diggins. 1972. Comparison of benthic organisms in semi-natural and channelized portions of the Missouri River. Proc. S. Dakota Acad. Sci. 51:160-167. BRI10-46464.
- 2641 *Wolk, K. 1976. The winter food of the European Water-Shrew. Acta Theriol. 21(1-11):117-129. Engl., engl., pol. BA62-24726.
- 2642 *Wood, C.E. & T.L.Shedd. 1971. Norris reservoir fertilizer study. I. Effects of fertilizer on food chain organisms and fish production. J. Tennessee Acad. Sci. 46(3):81-90. EA3-1798; ASFA(1)2-487.
- 2643 *Woodall, W.R., Jr & J.B.Wallace. 1972. The benthic fauna in four small southern Appalachian streams. Amer. midl. Nat. 88:393-407. EA4-3829; ASFA(1)3-5288; ZR109.
- 2644 *Wool, D.E. 1973. Quantitative evaluation of temporal similarity in abundance of animal species. Res. Popul. Ecol. 15(1):90-98. EA5-2465.
- 2645 *Wright, J.F. 1975. Observations on some predators of stream-dwelling triclads. Freshw. Biol. 5:41-50. BA59-65544; ASFA(1)6-4246; ZR112.
- 2646 *Wundt, H. 1975. The Caddis Flies. Order Trichoptera. pp 309-310. In: Grzimek's Animal Life Encyclopedia. Vol. 2. Insects. English ed. Van Nostrand Reinhold, New York. (Colour plate on pp 302-303). ed. B.Grzimek. [German ed. 1969. Kindler Verlag A.G., Zurich].
- 2647 *Yagminene, I.B. 1979. [Anthropogenic action on the quantitative and qualitative development of the macrozoobenthos in the lower part of the Neman River, USSR.]. Liet. TSR Mokslu. Akad. Darb., Ser. C 1:65-74. Russ., russ., lith. BA69-34028.
- 2648 *Yamauchi, H. 1977. Some observations of the capture nets of hydropsychid larvae. Biol. J. Nara Women's Univ. 27:7-8. BRI14-18043; ZR114.
- 2649 *Yano, K., T.Miura, T.Wongsiri, P.W.Resma, & L.H.Y.Lee. 1975. Preliminary evaluation on the use of a modified Malaise trap in paddy fields. Mushi 48(11):125-144. BA60-53927.
- 2650 *Young, J.O. & J.W.Ironmonger. 1980. A laboratory study of the food of three species of Leeches occurring in British lakes. Hydrobiologia 68:209-215.
- 2651 *Zadorozhnaya, E.A. 1977. [Feeding of the Bream *Abramis brama* (L.) in reservoirs on small rivers by example of the Mozhayskoe Reservoir.]. Vopr. Ikhtiol. 17:890-899. Russ., russ. BA66-45040.
- 2652 *Zakora, L.P. 1978. [The feeding of and the utilization of food resources by Sterlet, *Acipenser ruthenus* L., in the Volgograd Reservoir.]. Vopr. Ikhtiol. 18:1065-1070. Russ. [Engl. transl. in J. Ichthyol. 18:946-951]. ZR118.
- 2653 *Zaret, T.M. & A.S.Rand. 1971. Competition in tropical stream fishes: support for the competitive exclusion principle. Ecology 52:336-342. ASFA(1)1-4657.
- 2654 Zasyapkina, I.A. 1980. [Material on the fauna of amphibious insects (Trichoptera, Ephemeroptera, Plecoptera) from the Kolyma basin.]. pp 135-154. In: [Study on the entomofauna of north eastern USSR]. eds Medvedev & Motis. Akad. Nauk SSSR, Vladivostok. Russ. ZR122.
- 2655 *Zelt, K.A. & H.F.Clifford. 1972. Assessment of two mesh sizes for interpreting life cycles, standing crops, and percentage composition of stream insects. Freshw. Biol. 2:259-269.
- 2656 Zherikhin, V.V. 1978. Rasvitje i smena melovykh i kajnojskikh faunistitsheckikh kompleksov (Trakhejnyje i khelitserovyje). Tr. palaeont. Inst. 165, 198 pp.

- 2657 *Zięba, J. 1971. [A note on the benthos of some forest ponds.]. Acta Hydrobiol. 13:209-216. ASFA(1)2-4624.
- 2658 *Zięba, J. & K.Srokosz. 1974. Macrofauna of invertebrates in the fry ponds at Gołysz Part 1. Littoral vegetation zone. Acta Hydrobiol. 16:331-343.
- 2659 *Ziemann, H. 1975. Über den Einfluß das Wasserstoffionenkonzentration und des Hydrogenkarbonatgehaltes auf die Ausbildung von Bergbachbiozönosen. Int. Rev. ges. Hydrobiol. 60: 523-555. Germ., germ., engl. BA61-54119; EA8-2948; ZR112.
- 2660 *Zimmer, D.W. & R.W.Bachmann. 1978. Channelization and invertebrate drift in some Iowa streams. Water Res. Bull. 14:868-883. NABS.
- 2661 Zinevici, V. 1971. [Comparative data regarding the bottom fauna living in the reed zones from Carasuhat, Malnic and Fortuna Lakes (Danube Delta)]. Bull. Cercet. Piscic. 30(3-4):63-70. Rom., engl., fr., russ. ZR108.
- 2662 *Zintl, H. 1976. House building: problems about the spontaneous change of the architectural style in the larva of *Potamophylax latipennis* (Trichoptera, Limnephilidae). Proc. int. Symp. Trich. 1:187-201. EA7-6795; BRI12-62069; ZR113.
- 2663 *Zintl, H. & G.Stammel. 1978. House building with panels: distribution of building activities by day and night, and intervals between activities, in the larva of *Potamophylax latipennis* (Curt.) Neb. (Trichoptera, Limnephilidae). Proc. int. Symp. Trich. 2:249-258. BRI17-15133; ZR114.
- 2664 *Ziser, S. 1978. Seasonal variations in water chemistry and diversity of the phytophilic macroinvertebrates of three swamp communities in southeastern Louisiana. SW Nat. 23:545-562. BA68-7930.
- 2665 *Zubenko, Y.E. 1979. The seasonal dynamics of feeding of the Perch, *Perca fluviatilis*, from Kremenchug Reservoir. J. Ichthyol. 19(4):64-70. [Engl. transl. of Vopr. Ikhtiol.].
- 2666 *Zubtsovskii, N.E. 1974. [Method of intravital study of the feeding of nestlings of insectivorous birds.]. Ekologiya 5(6):85-87. Russ. BA60-42420.
- 2667 *Zurwerra, A. 1978. Beitrag zur Wasserinsektenfauna der Tüpel und Weiher von Kleinbödingen (Freiburg/Schweiz). Bull. Soc. Fribourg. Sci. nat. 67:85-143. Germ., engl., fr. ZR115.