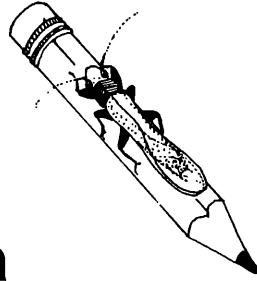


# Recent Plecoptera Literature



This section includes the Plecoptera papers published since Perla 4 was mailed two years ago. Perla is published every two years and a literature section is included in every issue.

Please help us to make this section as complete and correct as possible by sending us copies of your publications and/or notes on errors found.

- ALBA TERCEDOR, J. (1979): Larvas de Plecópteros de las estribaciones de Sierra Nevada (Granada). Factores que intervienen en su distribución. -Biol. Asoc. Esp. Entomol., Salamanca, 3:193-198.
- ALBA TERCEDOR, J., and F. JIMENEZ MILLAN. (1978): Datos ecologicos de la distribución de larvas de Plecópteros. -Trab. Monogr. Dep. Zool. Univ., Granada, 2(1):1-6.
- ALLAN, J.D. (1981): Determinants of diet of brook trout (Salvelinus fontinalis) in a mountain stream. -Can. J. Fish. Aquat. Sci., Ottawa, 38:184-192.
- ANDERSEN, T. (1979): New records of Isoperla difformis (Klapalek, 1909) (Plecoptera:Perlodidae) from Western Norway. -Fauna, Oslo, 26:46.
- ANDERSEN, T. (1980): Plecoptera. --pp. 1-13 in: KAURI, H., A. LØKEN, and O.A. SAETHER (eds): Fauna of the Hardangervidda. Universitetsforlaget Bergen.
- ANDERSON, L. (1980): Toxicity of methoxychlor and endrin during a 28 day exposure. -(abstract). 28 Ann. Meeting N. Am. Benth. Soc., Savannah, GA:1.
- ANDERSON, N.H. and K.W. CUMMINS. (1979): Influences of diet on the life histories of aquatic insects. -J. Fish. Res. Board Can., Ottawa, 36:335-342.
- ANDERSON, R.L. and D.L. DEFOE. (1980): Toxicity and bioaccumulation of endrin and metoxychlor in aquatic invertebrates and fish. -Environ. Pollut., Essex, England, 22A(2):111-121.
- APPERT, S., J.A. STANFORD, and A.L. SHELDON. (1980): Ecological shifts in zoobenthos of two regulated rivers as compared with natural lake outlets in Montana. -(abstract). 28 Ann. Meeting N. Am. Benth. Soc., Savannah, GA:1.
- ARMITAGE, P.D. (1980): The effects of mine drainage and organic enrichment on benthos in the River Nent system, Northern Pennines. -Hydrobiologia, the Hague, 74:119-128.
- AUBERT, J. (1980): Plécoptères et pollution. -Mitt. Schweiz. Entomol. Ges., Lausanne, 53(4):411-412.
- BAKER, J.R. (1978): The fantail darter Etheostoma flabellare in the Salt River drainage, Kentucky. -Trans. Ky. Acad. Sci., Murray, KY, 39(3-4):150-159.

- BARTON, D.R. (1980a): Observations on the life histories and biology of Ephemeroptera and Plecoptera in northeastern Alberta, Canada. -Aquat. Insects, Lisse, 2:97-111.
- BARTON, D.R. (1980b): Benthic macroinvertebrate communities of the Athabasca River near Ft. Mackay, Alberta. -Hydrobiologia, the Hague, 74:151-160.
- BARTON, D.R. and M.A. LOCK. (1979): Numerical abundance and biomass of bacteria, algae, and macrobenthos of a large northern river, the Athabasca. -Int. Rev. Ges. Hydrobiol., Berlin, 64(3):345-359.
- BARTON, D.R. and R.R. WALLACE. (1979a): The effects of an experimental spillage of oil sands tailings sludge on benthic invertebrates. -Environ. Pollut., Essex, England, 18(4):305-312.
- BARTON, D.R. and R.R. WALLACE. (1979b): Effects of eroding oil sand and periodic flooding on benthic macroinvertebrate communities in a brown-water stream in Northeastern Alberta, Canada. -Can. J. Zool., Ottawa, 57(3):533-541.
- BAUMANN, R.W. and B.P. STARK. (1980): Hesperoperla hoguei, a new species of stonefly from California (Plecoptera:Perlidae). -Great Basin Natur., Provo, UT, 40:63-67.
- BAUMANN, R.W. and K.W. STEWART. (1980): The nymph of Lednia tumana (Ricker) (Plecoptera:Nemouridae). -Proc. Entomol. Soc. Wash., Washington, D.C., 82:655-659.
- BENGTSSON, J. (1979): Klaekningsmønsteret hos Nemoura cinerea (Retz.) (Plecoptera). -Flora Fauna, Arhus, 85(3-4):83-86.
- BERTHÉLEMY, C. (1979): Accouplement, période d' incubation et premiers stades larvaires de Brachyptera braueri et de Perlodes microcephalus (Plecoptera).-Ann. Limnol., Paris, 15(3):317-335.
- BERTHÉLEMY, C. and L.S. WHYTTON DA TERRA. (1980): Pléocoptères du Portugal (Insecta). -Ann. Limnol., Paris, 16(2):159-182.
- BICK, H. (1980): Stoffhaushalt und Organismenbesiedlung in belasteten Gewässern. -Verh. Dtsch. Zool. Ges., Stuttgart, 73.Jahresvers: 38-47.
- BIRD, G.A. and H.B.N. HYNES. (1981): Movements of adult aquatic insects near streams in southern Ontario. -Hydrobiologia, the Hague, 77:65-69.
- BOLES, G.L. (1981): Macroinvertebrate colonization of replacement substrate below a hypolimnial release reservoir. -Hydrobiologia, the Hague, 78:133-146.

- BOUDREAUX, H.B. (1980): Proventricular acanthae and their phylogenetic implications. -Ann. Entomol. Soc. Am., College Park, MD, 73:189-196.
- BOURNAUD, M., G. KECK, and P. RICHOUX. (1980): Les prélèvements de macroinvertébrés benthiques en tant que révélateurs de la physionomie d'une rivière. -Ann. Limnol., Paris, 16(1):55-75.
- BROCK, V. (1979): Zur Kenntnis der Plecopteren. -Fauna des Harzes. -Entomol. Nachr., Dresden, 23(8):120-123.
- BROCKSEN, R.W., G.E. DAVIS, AND C.E. WARREN. (1968): Competition, food consumption, and production of sculpins and trout in laboratory stream communities.-J. Wildl. Manag., Lawrence, KS, 32:51-75.
- BROOKER, M.P. AND D.L. MORRIS. (1980a): A survey of the macroinvertebrate riffle fauna of the River Wye.-Freshw. Biol., Oxford, 10:437-458.
- BROOKER, M.P. and D.L. MORRIS. (1980b): A survey of the macroinvertebrate riffle fauna of the rivers Ystwyth and Rheidol, Wales. -Freshw. Biol., Oxford, 10:459-474.
- BUTCHER, M. and S.D. SMITH. (1980): Drought effects on stream insect populations. -(abstract). 28. Ann. Meeting N. Am. Benth. Soc., Savannah, GA:7.
- CALDERINI, R. (1869): Apparizione di un numero straordinario di Nemure nebuloze (Insetti:Neurotteri) nei dintorni di Varallo. -Private printing Tip. Colleoni, Varallo, 1869, 5 pp.
- CAMPBELL, I.C. (1981): Biogeography of some rheophilous aquatic insects in the Australian region. -Aquat. Insects, Lisse, 3(1):33-43.
- CANTON, S., J. CHADWICK, and L. BRITTON. (1981): New distributional record for Taeniopteryx from Colorado (Plecoptera:Taeniopterygidae). -Entomol. News, Philadelphia, PA, 92:155-158.
- CONSIGLIO, C. (1979): La distribuzione dei Plecotteri Italiani. -Lav. Soc. Ital. Biogeogr., N. S. 6 (1976):383-393.
- COULTER, F.D. and J.A. STANFORD. (1981): Spatial and temporal changes in the benthic communities of a regulated Texas river. -(abstract). 29. Ann. Meeting. N. Am. Benth. Soc., Provo, UT:35.
- COURTEMANCH, D.L. and K.E. GIBBS. (1980): Short- and long-term effects of forest spraying of carbaryl (sevin-4-oil (R)) on stream invertebrates. -Can. Entomol., Ottawa, 112(3):271-276.
- CZECZUGA, B. and W. MIRONIUK. (1980): Investigations of carotenoids in insects. 2. Water insects. -Acta Hydrobiol., Warsaw, 22(1):29-35.

- DAHLBERG, B., H. MENDEL., and K. MÜLLER. (1981): Faunistical and behavioral studies on stoneflies (Plecoptera) in a coastal stream and its estuary. -Fauna Norrlandica, Umeå, 6:1-18.
- DANCE, K.W. and H.B.N. HYNES. (1979): A continuous study of the drift in adjacent intermittent and permanent streams. -Arch. Hydrobiol., Stuttgart, 87(3):253-261.
- DANCE, K.W. and H.B.N. HYNES. (1980): Some effects of agricultural and land use on stream insect communities. -Environ. Pollut., Essex, England, 22:19-28.
- DONALD, C.B. (1980): Deformities in Capniidae (Plecoptera) from the Bow River, Alberta, Canada. -Can. J. Zool., Ottawa, 58:682-686.
- DONALD, D.B. and R.S. ANDERSON. (1977): Distribution of the stoneflies (Plecoptera) of the Waterton River drainage, Alberta, Canada. Syesis, Victoria, B.C., 10:111-120.
- DONALD, D.B. and R.S. ANDERSON. (1980): The lentic stoneflies (Plecoptera) from the continental divide region of southwestern Canada. -Can. Entomol., Ottawa, 112:753-758.
- DOSALL, L.M. and P.G. MASON. (1981): A Chironomid (Nannocladius (Plecopteracoluthus) branchicolus: Diptera) phoretic on a stonefly (Acroneuria lycorias: Plecoptera) in Saskatchewan. -Can. Entomol., Ottawa, 113:141-147.
- DRATNAL, E., R. SOWA, and B. SZCZESNY. (1979): Benthic invertebrate communities of the Dunajec River between Harklowa and Sromowce Nizne (Poland). -Ochr. Przyr., Warsaw, 42:183-216. (Polish).
- EDMUNDS, G.F. Jr. (1981): Some features of the aquatic insect fauna of the Bonneville Basin, Utah. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:30.
- EGGLISHAW, H.J. (1980): Benthic invertebrates of streams on the Alburz Mountain range near Tehran, Iran. -Hydrobiologia, the Hague, 69(1-2):49-55.
- EIDT, D.C. (1981): Recovery of aquatic arthropod populations in a woodland stream after depletion by fenitrothion treatment. -Can. Entomol., Ottawa, 113:303-314.
- ENGBLOM, E., P.E. LINGDELL, H. MENDEL, and K. MÜLLER. (1981): Flying behavior of some mayflies (Ephemeroptera) and stoneflies (Plecoptera) in two rapids of the River Dálaven. -Fauna Norrlandica, Umeå, 7:1-10.

- FEMINELLA, J.W. and K.W. STEWART. (1981): Feeding ecology of leaf pack-inhabiting predacious stoneflies (Plecoptera) in a small-order Ouachita Mountain stream. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:23.
- FLANNAGAN, J.F. and D.G. COBB. (1980): The effects of a total solar eclipse on the macro-benthic drift in the Souris River, Manitoba. -(abstract). 28. Ann. Meeting. N. Am. Benth. Soc., Savannah, GA:15.
- FLANNAGAN, J.F., W.L. LOCKHART, D.G. COBB, AND D. METNER. (1978): Stonefly (Plecoptera) head cholinesterase as an indicator of exposure to fenitrothion. -Manit. Entomol., Winnipeg, 12:42-48.
- FULLINGTON K.E. and K.W. STEWART. (1980): Nymphs of the stonefly genus Taeniopteryx (Plecoptera:Taeniopterygidae) of North America. -J. Kansas Entomol. Soc., Manhattan, KS, 53:237-259.
- GHETTI, P.F., G. BONAZZI, G. MUSI. and U. RAVANETTI. (1979): Life cycles of Ephemeroptera and Plecoptera from an experimental stream. -Ateneo Parmense Acta Natur. Parma, Italy, 15:149-158. (Italian, English summary).
- GIUDICELLI, J., A. DIA, and P. LEGIER. (1980): A hydrobiological study of the Argens, a river in the Mediterranean region Var, France: Habitats, hydrochemistry distribution of the benthic fauna. -Bijdr. Dierkd., Amsterdam, 50:303-341. (French, English summary).
- GOINDANICH, A. (1975): Uomini, storie e insetti italiani nella scienze del passato. I precursori minori (parte prima). -Redia, Florence, 57:3-509.
- GOKAN, N. AND T. NAGASHIMA. (1979): Fine structure of the nymphal compound eye of the stonefly Oyamia gibba (Plecoptera:Perlidae). -Kontyu, Tokyo, 47:570-585.
- GOLLADAY, S.W., J.R. WEBSTER, and E.F. BENFIELD. (1981): The effect of leaf species on the assimilation efficiency and ingestion rate of an insect shredder. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:27.
- GORE, J.A. (1980): Ordinal analysis of benthic communities upstream and downstream of a prairie storage reservoir. -Hydrobiologia, the Hague, 69:33-44.
- GRANT, D.F. (1981): Digestive enzymes of a shredder, Pteronarcys californica. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:27.

- GRAY, L.J. (1981): Species composition and life histories of aquatic insects in a lowland Sonoran Desert stream. -Am. Midl. Natur. Notre Dame, IN, 106:229-243.
- GRAYNORTH, E. (1979): Effects of logging on stream environments and faunas in Nelson, New Zealand. -N.Z.J. Mar. Fresh. Res., Wellington, 13:79-110.
- GÜMBEL, D. (1976): Emergenzvergleich zweier Mittelgebirgsquellen (1973). Schlitzer Produktionsbiologische Studien (18). -Arch. Hydrobiol. Suppl., Stuttgart, 50:1-53.
- GURTZ, M.E. and J.B. WALLACE. (1981): Response of stream invertebrates to clearcutting. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:60.
- HAEFNER, J.D. and J.B. WALLACE. (1981): Shifts in aquatic insect populations in a first-order southern Appalachian stream following a decade of old field succession. -Can. J. Fish. Aquat. Sci., Ottawa, 38:355-359.
- HALL, J.E., J.E. WEAVER and B. GOMEZ-MIRANDA. (1969): Histopathology of lecitodendriid Trematode infections in stonefly naiads. -J. Invertebr. Pathol., Oxford, 13:91-113.
- HARMANEN, M. (1980): Der Einfluss saurer Gewässer auf den Bestand der Ephemeriden und Plecopteren fauna. -Gewässer und Abwässer., Krefeld-Hüls, 66/67:130-136.
- HARPER, P.P. (1979). Plecoptera. -Mem. Entomol. Soc. Can., Ottawa, 108:311-313.
- HILDREW, A.B., C.R. TOWNSEND, and J. HENDERSON. (1980): Interactions between larval size, microdistribution, and substrate in the stoneflies of an iron rich stream. -Oikos, Copenhagen, 35:387-396.
- HILSENHOFF, W.L. (1981): Aquatic insects of Wisconsin. -Publ. of Natural History Council Univ. of Wisc., Madison, WI, #2, pp 3-7.
- HUGGINS, D. (1981): New State and distributional records for Kansas Plecoptera. -Tech. Publ. State Biol. Surv., Lawrence, KS, 10:65-70.
- HYNES, H.B.N. (1978): Annotated key to the stonefly nymphs (Plecoptera) of Victoria. -Austral. Soc. Limnol. Spec. Publ., Tasmania, 2:1-63.
- HYNES, H.B.N. (1981): Taxonomical notes on Australian Notonemouridae (Plecoptera) and a new species from Tasmania. -Aquat. Insects, Lisse, 3(3):147-166.

- HYNES, H.B.N. and M.E. HYNES. (1980): Endemism of Tasmanian Plecoptera. -Aquat. Insects., Lisse, 2:81-89.
- IKONOMOV, P. (1978): Nouvelles espèces de Pléoptères (Insecta: Plecoptera) de Macédoine. -Fragm. Balc., Skopje, 10:83-97, No. 11 (231).
- IKONOMOV, P. (1979): Pléoptères (Insectes) dans le bassin de la rivière Radika. -Annu. Fac. Biol. Univ., Kiril et Metodij, Skopje, 32:45-60.
- IKONOMOV, P. (1980a): Nouvelles espèces de Pléoptères (Insecta: Plecoptera) de Macédoine. II. -Fragm. Balc., Skopje, 11(4):19-31. (French, Macedonian summary).
- IKONOMOV, P. (1980b): La distribution saisonnière et longitudinale des Pléoptères par rapport au facteur température dans la région des sources de la Rivière Tresca (Grande Rivière). -Annu. Fac. Biol. Univ. Kiril et Metodij, Skopje, 33:5-13. (Macedonian, French summary).
- IKONOMOV, P. (1980c): Contribution à la connaissance des Pléoptères (Insecta) en Macédoine occidentale. -Annu. Fac. Biol. Univ. Kiril et Metodij, Skopje, 33:15-23. (Macedonian, French summary).
- ILLIES, J. (1979): Annual and seasonal variation of individual weights of adult water insects. -Aquat. Insects, Lisse, 1(3):153-163.
- ILLIES, J. (1981): Afronemoura, a new genus of South African stoneflies (Plecoptera:Notonemouridae). -Aquat. Insects, Lisse, 2(4) (1980): 211-215.
- ISHIZAKI, S. and Y. MACHIDA. (1980): On the benthic fauna of some river systems in Nagasaki District (4) The Sasu and the Se Rivers of Tsushima in summer. -Jap. J. Limnol., Otsu, Japan, 41(1):19-23.
- IVERSON, T.M., P. WILBERT-LARSEN, S.B. HANSEN and F.S. HANSEN. (1978): The effect of partial and total drought on the macro-invertebrate communities of three small Danish streams. -Hydrobiologia, the Hague, 60(3):235-242.
- JACOBI, G.Z. (1981): New Mexico Plecoptera. -(abstract). 29 Ann. Meeting. N. Am. Benth. Soc., Provo, UT:24.
- JOOST, W. (1980): Kempnyia calabriæ sp. n. aus Brasilien (Plecoptera:Perlidae). -Reichenbachia, Dresden, 18(9):73-75.
- KAPOOR, N.N. (1980): Relationship between gill  $\text{Na}^+$ ,  $\text{K}^+$  - activated ATPase activity and osmotic stress in the Plecopteran nymph, Paragnetina media. -J. Exp. Zool., New York, 213:213-218.



- KHALAF, G. and H. TACHET. (1980): Colonization of artificial substrates by macro-invertebrates in a stream and variations according to stone size. -*Freshw. Biol.*, Oxford, 10:475-482.
- KIRCHNER, R.F. (1980): A new Allocapnia from Virginia (Plecoptera: Capniidae). -*Entomol. News*, Philadelphia, 91:19-21.
- KITTEL, W. (1980a): Materiały do poznania widelnic (Plecoptera) rzeki Nidy. (Materials to the knowledge of stoneflies (Plecoptera) of the Nida River). -*Acta Univ. Lodz. Ser II*, Lodz, 33:189-195. (Polish; English, Russian summaries).
- KITTEL, W. (1980b): Widelnice (Plecoptera) rzeki Pilicy, Cześć. II - Ekologiczna. (Stoneflies of the Pilica River. II -Ecological Part). -*Acta Univ. Lodz. Ser II*, Lodz, 33:197-222. (Polish; English, Russian summaries).
- KITTEL, W., S. NIESIOŁOWSKI, and J. WIEDENSKA. (1980): (Stoneflies, blackflies, and leeches (Plecoptera, Simuliidae, Hirudinea) of the selected streams of the Lysogóry Mts.). -*Acta Univ. Lodz. Ser II*, Lodz, 33:155-188. (Polish; English and French summaries).
- KOKES, J. (1979): Microdistribution of stonefly (Plecoptera) larvae in two creeks in the Beskydy Mts. Moravia. -*Vestn. Cesk. Spol. Zool.*, Prague, 43(2):124-131.
- KOMNICK, H. (1977): Chloride cells and chloride epithelia of aquatic insects. -*Int. Rev. Cytol.*, New York, 49:285-329.
- KONDRATIEFF, B.C. and J.R. VOSHELL, Jr. (1979a): A new species of Diploperla. (Plecoptera:Perlodidae) from Virginia. -*Ann. Entomol. Soc. Am.*, College Park, MD, 72(4):451-453.
- KONDRATIEFF, B.C. and J.R. VOSHELL, Jr. (1979b): Checklist of stoneflies (Plecoptera) of Virginia. -*Entomol. News*, Philadelphia, PA, 90(5):241-246.
- KONDRATIEFF, B.C. and J.R. VOSHELL, Jr. (1981a): Allocapnia simmonsii, a new species of winter stonefly (Plecoptera:Capniidae). -(abstract). *Ann. Entomol. Soc. Am.*, College Park, MD, 74:58-59.
- KONDRATIEFF, B.C. and J.R. VOSHELL, Jr. (1981b): The Perlodinae (Plecoptera) of Virginia. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:23.
- KONDRATIEFF, B.C., R.F. KIRCHNER, and J.R. VOSHELL, Jr. (1981): Nymphs of Diploperla. -(abstract). *Ann. Entomol. Soc. Am.*, College Park, MD, 74:428-430.

- KOVALAK, W.P. (1979): Day-night changes in stream benthos density in relation to current velocity. -Arch. Hydrobiol., Stuttgart, 87(1):1-18.
- KRNO, I. and E. ERTLOVO. (1979): Species of Plecoptera new for the fauna of Czechoslovakia. -Biologia, Bratislava, 34:663-666.
- KROGERUS, R. (1960): Ökologische Studien Über Moorarthropoden. Artenbestand, Ökologische Faktoren, Korrelation der Arten. -Commentat. Biol., Helsinki, 21(3).
- KUUSELA, K. (1979): Early summer ecology and community structure of the macrozoobenthos on stones in the Jäväjänkoski rapids of the river Lestijoki, Finland. -Acta Univ. Ouluensis Ser. A, Oulou, 6:123 and 7 pp. appendix.
- LAKE, R.W. (1980): Distribution of stoneflies (Plecoptera) of Delaware. -Entomol. News, Philadelphia, PA 91(2):43-48.
- LAGER, T.M., M.D. JOHNSON, S.N. WILLIAMS, and J.L. MCCULLOCH. (1979): A preliminary report on the Plecoptera and Trichoptera of eastern Minnesota. -Great Lakes Entomol., East Lansing, MI, 12(3):109-114.
- LARSSON, P., J.E. BRITAIN, L. LIEN, and A. LILLEHAMMER. (1978): The lake ecosystem of Øvre Heimdalsvatn. -Holarctic Ecol., Copenhagen, 1:304-320.
- LAVANDIER, P. (1979): (Biologic cycle, alimentary regime, and production of Arcynopteryx compacta (Plecoptera:Perlodidae) in a high altitude mountain stream). -Bull. Soc. Hist. Natur. Toulouse, Toulouse, 115:140-150. (French).
- LEVANIDOV, V. YA. and I.M. LEVANIDOVA. (1979). (The drift of aquatic insects in the Amur River). -pp 3-26 in: LEVANIDOV, B. Ja., I.M. LEVANIDOVA, I.A. TSHERESHIEV, and E.A. MAKARTSCHENKO (eds): (Systematics and Ecology of the Fishes of Continental Waters of the Far East)., Vladivostok, 144 pp. (Russian; English summary).
- LEVANIDOV, V. YA., T.S. VSHIVKOVA, and S.L. KOCHARINA. (1979): (Biomass and structure of bottom biocoenoses of forest streams in the upper reaches of the Ussuri). -pp. 27-35 in: LEVANIDOV, B. Ja., I.M. LEVANIDOVA, I.A. TSHERESHIEV, and E.A. MAKARTSCHENKO (eds): (Systematics and Ecology fo the Fishes of Continental Waters of the Far East)., Vladivostok, 144 pp. (Russian; English summary).
- LEVANIDOVA, I.M. and L.A. ZHILTZOVA. (1979): An annotated list of the stoneflies (Plecoptera) of the Soviet Far East. -Int. Rev. Ges. Hydrobiol., Berlin, 64:551-576.

- LOCKEY, K.H. (1980): Insect cuticular hydrocarbons. -Comp. Biochem. Physiol. B. Comp. Biochem., Elmsford, N.Y., 66:457-462.
- LOEFFLER, H. (1977): (Biological evaluation of fishing data in the "Grosse Lauter," a trout brook in Swabian Alb.). -Beitr. Naturkd. Forsch. Suedwestdtsch., Karlsruhe, 36:81-90. (German).
- MACAN, T.T. (1980): Changes in the fauna of the stony substratum of lakes in the English Lake District. -Hydrobiologia, the Hague, 72(1/2):159-164.
- MAKARTSCHENKO, E.A., I.M. LEVANIDOVA, and L.A. ZHILTZOVA. (1980): (Preliminary data on the invertebrate fauna of waters on Wrangel Island.) - Freshw. Fauna Far East, Vladivostok, 1980:3-58, Plec: pp. 5-6. (Russian).
- MAKI, I. (1980): On Macro-benthos communities in the middle and downstream of the river Hikigawa, Wakayama Prefecture-1, comparisons of the community structure between different river bed types, sampling sites, and seasons. -Jap. J. Limnol., Otsu, Japan. 41(1):24-40.
- MALMQUIST, B. and P.SJÖSTRÖM. (1980): Prey size and feeding patterns in Dinocras cephalotes (Plecoptera). -Oikos, Copenhagen, 35:311-316.
- MARINKOVIĆ - GOSPODETIĆ, M., S. KECK, M. TANASIJEVIĆ, D. KACÁNSKI. (1980): Fauna vodenih insekata (Fauna of the water insects). -Akad. Nauk. Umj. Bosn. Herceg., Sarajevo, special issue. 47:65-74.
- MARKARIAN, R.K. (1980): A study of the relationship between aquatic insect growth and water temperature in a small stream. -Hydrobiologia, the Hague, 75:81-95.
- MASAKI, S. (1980): Summer diapause. -Ann. Rev. Entomol., Palo Alto, CA., 25:1-26.
- MC CLELLAND, W.T. AND M.A. BRUSVEN. (1980): Effects of sedimentation on the behavior and distribution of riffle insects in a laboratory stream. -Aquat. Insects, Lisse, 2(3):161-169.
- MCLELLAN, I.R. (1977): New alpine and southern Plecoptera from New Zealand and a new classification of the Gripopterygidae. -N.Z.J. Zool., Wellington, 4(2):119-147.
- MEINANDER, M. (1980): (The Finnish stoneflies (Plecoptera)). Suomen Koskikorennot -Finlands bäcksländor (Plecoptera). -Not. Entomol., Helsinki, 60:7-10. (Finnish and Swedish).

- MEYER, J.L. (1981): Importance of dissolved organic carbon generated by leaf-shredding insects in a stream. -(abstract). 29. Ann. N. Am. Benth. Soc., Provo, UT:26.
- MILLER, D.E. and W.P. KOVALAK. (1979): Distribution of Peltoperla arcuata (Insecta:Plecoptera) in a small woodland stream. -Int. Rev. Ges. Hydrobiol., Berlin, 64:795-800.
- MILLER, L.S. and W.P. KOVALEK. (1980): Relationship between abundance of insects and standing crop of coarse detritus in a Pennsylvania stream. -Int. Rev. Ges. Hydrobiol., Berlin, 65(3):439-444.
- MITEVA, N. (1979): Seasonal and longitudinal distribution of Plecoptera in relation to physical and chemical factors in waters of the Oravitsa brook (Macedonia, Yugoslavia). -God. Zb. Biol. Fak. Univ. Kiril et Metodij, Skopje, 32:133-150.
- MORI, S. and T. MIURA. (1980): List of plant and animal species living in Lake Biwa (revised). -Mem. Fac. Sci. Kyoto Univ. Ser. Biol., Kyoto, 8:1-33.
- MORRIS, D.L. and M.P. BROOKER. (1979): The vertical distribution of macro-invertebrates in the substratum of the upper reaches of the River Wye, Wales.-Freshw. Biol., Oxford, 9(6):573-583.
- MOUTHON, J. and J. VERNEAUX. (1979): (The diet of Dinocras megacephala (Klapalek) (Plecoptera:Perlidae)). -Ann. Limnol., Paris, 14(3):203-214. (French).
- MUČIBABIĆ, S., D. KAČANSKI, S. BOGOJEVIĆ, V. ČEPIĆ, D. HAFNER, D. KOSORIĆ, S. KECK., M. MARINKOVIĆ-GOSPODETIĆ, M. TANASIJEVIĆ. (1979): (Some characteristics of the communities of the River Krivaja). -Ekol. Pol., Zagreb, 825-836. (Serbocroatian, English summary).
- MULLEN, G.A. (1979): Aquatic mites parasitic on stoneflies in North America: RODRIGUEZ, J.G. (ed.), Recent advances in acarology, Vol. 2, 5th International Congress of Acarology, East Lansing, Michigan, Aug. 6-12, 1978. -Academic Press, New York, p. 481-484.
- MÜLLER, K. and H. MENDEL. (1981): On the biology of the stonefly species Leuctra digitata in a Northwestern Swedish coastal stream and its adjacent coastal area. (Plecoptera: Leuctridae). -Entomol. Gen. Stuttgart, 6(2/4):217-223.
- MURPHY, M. and J.D. HALL. (1981): Varied effects of clear-cut logging on predators and their habitat in small streams of the Cascade mountains, Oregon. -Can. J. Fish. Aquat. Sci., Ottawa, 38:137-145.

- MUTCH, R.A. and G. PRITCHARD. (1981): The importance of sampling and sorting techniques in the elucidation of life cycles of Filipalian stoneflies. -(abstract). 29 Ann. Meeting N. Am. Benth. Soc., Provo, UT:46.
- MUTCH, R.A., R.J. STEEDMAN, S.B. BERTE, and G. PRITCHARD. (1981): Leaf litter decomposition in a mountain stream: A comparison of methods. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:38.
- NAGELL, B. and P. LARSHAMMAR. (1981): Critical oxygen demand in Plecoptera and Ephemeroptera nymphs as determined by two methods. -Oikos, Copenhagen, 36:75-82.
- NELSON, C.H. (1979): Hansonoperla appalachia, a new genus and a new species of Eastern Nearctic Acroneuriini (Plecoptera:Perlidae), with a phenetic analysis of the genera of the tribe. -Ann. Entomol. Soc. Amer., College Park, MD., 72:735-739.
- NELSON, C.H. and B.C. KONDRATIEFF. (1980): Description of a new species of Alloperla (Plecoptera:Chloroperlidae) from Virginia. -J. Kansas Entomol. Soc., Manhattan, KS, 53:801-804.
- NELVA, A. (1979): Structure écologique de trois rivières du Jura méridional d'après l'analyse multivariée de la macrofaune benthique. (The ecological structure of three streams in the southern Jura (France) according to multivariate analysis of the benthic macrofauna). -Arch. Hydrobiol., Stuttgart, 87(3):327-346.
- NEUMANN, A. (1981): Die Invertebratenfauna von Bächen und Quellen des Raumes Eitorf (Sieg). -Decheniana, Bonn, 134:244-259.
- NEVEU, A., L. LAPCHIN, and J.C. VIGNES. (1979): Le macrobenthos de la Basse Nivelle, petit fleuve côtier des Pyrénées Atlantiques. -Ann. Zool. Paris, 11:85-111.
- NEWBOLD, J.D., D.C. ERMAN, and K.B. ROBY. (1980): Effects of logging on macroinvertebrates in streams with and without buffer strips. -Can. J. Fish. Aquat. Sci., Ottawa, 37:1076-1085.
- NIKOLAYEVA, E.A. (1979): (Life history of Stavsolus japonicus (Okam.) in the Kedrovaja river). pp. 36-44 in: LEVANIDOV, B. Ja, I.M. LEVANIDOVA, I.A. TSHERESHIEV, and E.A. MAKARTSCHENKO (eds.): (Systematics and Ecology of the Fishes of Continental Waters of the Far East)., Vladivostok, 144 pp. (Russian; English summary).
- NISHIMURA, N., M. MAEDA, S. KAWANAMI, and R. OHGUSHI. (1979): Benthic insect fauna in river Togi-gawa and river Omi-gawa, Noto province. -Bull. Jap. Sea Res. Inst. Kanazawa Univ., Kanazawa, 11:93-104.

- OBERNDORFER, R.Y., J.V. MCARTHUR, and J.R. BARNES. (1980): The role of predators in the maintenance of leaf pack community structure. -(abstract). 28. Ann. Meeting N. Am. Benth. Soc., Savannah, GA:31.
- OBRADLIK, P. (1979): Rheobenthos and the quality of water in the Stribrny Creek of the Rychleby Mountains, Czechoslovakia. -Casopis Slezskho Muz. Vedy Prirodni Acta. Sci. Natur., Opava 28:69-75.
- OHGUSHI, R. (1980): Studies on the stream bed communities of River Kuratani -A consideration on the conservation of stream ecosystems. -Ann. Rep. Hakusan Natur. Cons. Cntr., Ishikawa, 5:57-66. (Japanese, English summary).
- OSBORNE L.L., R.W. DAVIES, K.J. LINTON. (1979): Effects of limestone strip mining on benthic macroinvertebrate communities. -Water Res., New York, 13:1285-1290.
- PECKARSKY, B.L. (1979a): A review of the distribution, ecology, and evolution of the North American species of *Acroneuria* and six related genera (Plecoptera:Perlidae). -J. Kansas Entomol. Soc., Manhattan, KS, 52(4):787-809.
- PECKARSKY, B.L. (1979b): Predator-prey interactions between stoneflies and mayflies: behavioral observation within streams. (summary only). -Bull. Ecol. Soc. Am., Durham, NC, 60(2):114.
- PECKARSKY, B.L. (1980a): Influence of detritus upon colonization of stream invertebrates. -Can. J. Fish. Aquat. Sci., Ottawa, 37:957-963.
- PECKARSKY, B.L. (1980b): Predator-prey interactions between stoneflies and mayflies: behavioral observations. -Ecology, Durham, NC, 61(4):932-943.
- PECKARSKY, B.L. and S.L. DODSON. (1980a): Do stonefly predators influence benthic distribution in streams? -Ecology, Durham, NC, 61(6):1275-1282.
- PECKARSKY, B.L. and S.L. DODSON. (1980b): An experimental analysis of biological factors contributing to stream community structure. -Ecology, Durham, NC, 61(6):1283-1290.
- PICKER, M. (1980): *Neoperla spio* (Plecoptera): A species complex? -Syst. Entomol., Oxford, 5:185-198.
- PIRANG, E. (1979): Beitrag zur Kenntnis der aquatischen Invertebraten-fauna des Sauer-und Liesergebietetes. -Decheniana, Bonn, 132:74-86.

- RASMUSSEN, K. (1979): The invertebrate fauna of a helocrenous spring area in Eastern Jutland. -Flora Fauna, Aarhus, 85:71-81. (Danish, English summary).
- RAVIZZA, C. (1978): (Leuctra brevipennies new species of stonefly from the Biellese Mountains, Italy (Plecoptera:Leuctridae)). Redia, Florence, 61:251-257. (Italian, English summary).
- RAVIZZA, C. (1980): Le Leuctra italiane del gruppo "boreoni-schmidi" (Plecoptera:Leuctridae). -Boll. Soc. Entomol. Ital., Genova, 112(7-9):140-146.
- RAVIZZA, C. and E. RAVIZZA-DEMATTEIS. (1979a): A new stonefly from Pennine Alps: Nemoura pesarini. -Atti. Soc. Ital. Sci Natur. Museo. Civ. Stor. Natur. Milano, Milano, 120(1-2):3-10. (Italian, English summary).
- RAVIZZA, C. and E. RAVIZZA-DEMATTEIS. (1979b): The stonefly fauna of the middle-low course of the Nure stream (Emilian Apennine) (Plecoptera). -Natura, Milano, 70(3):193-217. (Italian, English summary).
- RAVIZZA, C. and E. RAVIZZA-DEMATTEIS. (1980a): Su un raro endemismo delle Alpi Pennine;Leuctra festai Aubert(Plecoptera:Leuctridae). -Natura, Milano, 71(1-2):83-91.
- RAVIZZA, C. and E. RAVIZZA-DEMATTEIS. (1980b): Nemoura oropensis n. sp., endemica dei Monti del Biellese (Alpi Pennine) (Plecoptera). -Natura, Milano, 71(1-2):92-100.
- RAVIZZA-DEMATTEIS, E. (1981): Note sulla fenologia e geonomia di Leuctra caprai Festa, con descrizione della ninfa (Plecoptera: Leuctridae). -Atti. Soc. Ital. Sci. Natur. Museo. Civ. Stor. Natur. Milano, Milano, 121(4)(1980):316-320. (Italian, English summary).
- RAY, D.H. and B.P. STARK, (1981): The nearctic species of Hydroperla (Plecoptera:Perlodidae). -Florida Entomol., Gainesville, FL, 64(3):385-395.
- REITH, S.R. (1980): The role of substratum in benthic macroinvertebrate microdistribution and litter decomposition in a woodland stream. -Ecology, Durham, NC, 61:580-590.
- ROBERTSON, D.J. (1980): The stoneflies (Plecoptera) and mayflies (Ephemeroptera) of the Bear Run Nature Reserve in Southwestern Pennsylvania, USA. -Melsheimer Entomol. Ser., University Park, PA, (29):1-8.

- ROSENBERG, D.M. and A.P. WIENS. (1978): Effects of sediment addition on macrobenthic invertebrates in a northern Canadian river. -Water Res., New York, 12(10):753-763.
- RÖSER, B. (1979): Die Invertebratenfauna von drei Mittelgebirgsbächen des Vorderwesterwaldes. -Decheniana, Bonn, 132:54-73.
- RUPPRECHT, R. (1977): Nachweis von Trommelsignalen bei einem europäischen Vertreter der Steinfliegenfamilie Leuctidae (Plecoptera). -Entomol. Gen., Stuttgart, 3:333-336.
- SAKURAI, M. (1981): An example of the distribution pattern of aquatic insect larvae in a temporarily dried-out stream. -Jap. J. Limnol., Otsu, Japan, 42(1):40-45.
- SCHÜZ, W. (1978): Über Verbreitung und Abhängigkeit der Cellulase-Produktion bei limnischen Evertibraten. -Diss. Univ. Stuttgart, Stuttgart, 79 pp.
- SCULLION, J. and R.W. EDWARDS. (1980): The effects of coal industry pollutants on the macro-invertebrate fauna of a small river in the South Wales coalfield. -Freshw. Biol. Oxford, 10:141:162.
- SHAW, D.W. and G.W. MINSHALL. (1980): Colonization of an introduced substrate by stream macro-invertebrates. -Oikos, Copenhagen, 34(3): 259-271.
- SHELDON, A.L. (1979): Stonefly (Plecoptera) records from the basin ranges of Nevada and Utah, U.S.A. -Great Basin Natur., Provo, UT, 39:289-292.
- SHELDON, A.L. (1980a): Coexistence of perlid stoneflies (Plecoptera): predictions from multivariate morphometrics. -Hydrobiologia, the Hague, 71:99-105.
- SHELDON, A.L. (1980b): Resource division by perlid stoneflies (Plecoptera) in a lake outlet ecosystem. -Hydrobiologia, the Hague, 71:155-161.
- SHEPARD, R.B. and G.W. MINSHALL. (1981): Nutritional value of lotic insect feces compared with allochthonous material. -Arch. Hydrobiol., Stuttgart, 90(4):467-488.
- SHORT, T. (1980): Food habits of some Colorado stream insects. -(abstract). 28. Ann. Meeting N. Am. Benth. Soc., Savannah, GA:40.
- SHORT, R.A. and J.V. WARD. (1980a): Macro-invertebrates of a Colorado high mountain stream. -Southwest. Natur. Lubbock, TX, 25(1):23-32.
- SHORT, R.A. and L.V. WARD. (1980b): Leaf litter processing in a regulated Rocky Mountain stream. -Can. J. Fish. Aquat. Sci., Ottawa, 37:123-127.



- SHORT, R.A. and J.V. WARD. (1980c): Life cycle and production of Skwala parallela (Frison) (Plecoptera:Perlodidae) in a Colorado mountain stream. -Hydrobiologia, the Hague, 69(3):273-275.
- SHORT, R.V. and J.V. WARD. (1981): Trophic ecology of three winter stoneflies (Plecoptera) -Am. Midl. Natur., Notre Dame, IN., 105(2): 341-347.
- SHORT, R.V., S.O. CANTON, and J.V. WARD (1980): Detrital processing and associated macro-invertebrates in a Colorado Mountain stream. -Ecology, Durham, NC, 61(4):727-732.
- SIMPSON, K.W. (1980): Abnormalities in the tracheal gills of aquatic insects collected from streams receiving chlorinated or crude oil wastes. -Freshw. Biol., Oxford, 10:581-583.
- SINSABAUGH, R.L., E.F. BENFIELD, and A.E. LINKINS. (1981): Cellulose digestion and assimilation by a stream shredder. -(abstract). 29. Ann. Meeting. N. Am. Benth. Soc., Provo, UT:26.
- SIVEC, I. (1980a): Plecoptera. -Cat. Faunae Jugoslaviae, Ljubljana, III/6:1-30.
- SIVEC, I. (1980b): Notes on stoneflies (Plecoptera) from southwestern Yugoslavia, with description of Nemoura zwicki new species. -Aquat. Insects, Lisse, 2:91-95.
- SIVEC, I. (1980c): (Contribution to the knowledge of the stonefly fauna (Plecoptera:Insecta) of Slovenia). -Biol. Vestn., Ljubljana, 27 (1979): 165-174. (Slovenian, English summary).
- SIVEC, I. (1981): A new species of Nemoura (Plecoptera:Nemouridae) from China. -Aquat. Insects, Lisse, 3(2):79-80.
- SOSIAK, A.J., R.G. RANDALL, and J.A. MCKENZIE. (1979): Feeding by hatchery-reared and wild Atlantic salmon (Salmo salar) parr in streams. -J. Fish. Res. Board. Can., Ottawa, 36(11):1408-1414.
- STARK, B.P. (1980a): Plecoptera. -pp. 85-56 in: MORSE, J.C., J.W. CHAPIN, D.D. HERLONG, and R.S. HARVEY: Aquatic insects of Upper Three Runs Creek, Savannah River Plant, South Carolina. Part I: Orders other than Diptera. -J. Georgia Entomol. Soc., Tifton, GA., 15:73-101.
- STARK, B.P. (1980b): The stoneflies (Plecoptera) of Mississippi. -J. Miss. Acad. Sci., Jackson, MS, 24(1979):109-121.
- STARK, B.P. and K.W. STEWART. (1981a): The nearctic genera of Peltoperlidae (Plecoptera). -J. Kansas Entomol. Soc., Manhattan, KS, 54(2): 285-311.

- STARK, B.P. and K.W. STEWART. (1981b): Leuctra szczytkoi, a new stonefly from Louisiana (Plecoptera:Leuctridae). -Entomol. News, Philadelphia, PA, 92(3):91-92.
- STARK, B.P. and S.W. SZCZYTKO. (1979): A new species of Neoperla (Plecoptera:Perlidae) from Burma. -Aquat. Insects, Lisse, 3(1):221-224.
- STARK, B.P. and S.W. SZCZYTKO. (1981a): Skwala brevis (Koponen) from Japan (Plecoptera:Perlodidae). -Aquat. Insects, Lisse, 3(1):61-63.
- STARK, B.P. and S.W. SZCZYTKO. (1981b): Contributions of the systematics of Paragnetica (Plecoptera:Perlidae): -J. Kansas Entomol. Soc., Manhattan, KS, 54:625-648.
- STARK, B.P. and S.W. SZCZYTKO. (1981c): Egg morphology and phylogeny in Pteronarcidae (Plecoptera). -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:24.
- STEWART, K.W. (1975): An improved elutriator for separating stream insects from stony substrates. -Trans. Am. Fish. Soc., New York, 104(4):821-823.
- STEWART, K.W. (1981a): North American stonefly nymph study. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:25.
- STEWART, K.W. (1981b): The nymphs of North American stonefly genera. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:53.
- STUMMER, C. (1980): Beiträge zur Methodik der Plecopterenemergenz und der Untersuchung von Bachsedimenten. Jber. Biol. Stat. Lunz., Lunz, 3:81-85.
- SURDICK, R.F. (1981): New nearctic Chloroperlidae (Plecoptera). -Great Basin Natur., Provo UT, 41:349-359.
- SURDICK, R.F. and B.P. STARK. (1980): Two new species of Chloroperlidae (Plecoptera) from Mississippi. -Proc. Entomol. Soc. Wash., Washington D.C., 82:69-73.
- SZCZYTKO, S.W. and K.W. STEWART. (1979a): Stonefly drumming as a model classroom study of aquatic insect behavior. -pp. 1-37 in: RESH, V. H. and D.M. ROSENBERG. (eds): Innovative Teaching in aquatic entomology. -Can. Spec. Publ. Fish. Aquat. Sci., Ottawa, 43:1-118.
- SZCZYTKO, S.W. and K.W. STEWART. (1979b): The genus Isoperla (Plecoptera) of Western North America; homomorphology and systematics, and a new stonefly genus Cascadoperla. -Mem. Am. Entomol. Soc., College Park, MD, 32:1-120.

- SZCZYTKO, S.W. and K.W. STEWART. (1979c): Drumming behavior of four western nearctic Isoperla (Plecoptera) species. -Ann. Entomol. Soc. Am., College Park, MD, 72:781-786.
- SZCZYTKO, S.W. and K.W. STEWART. (1981): Reevaluation of the Genus Cliopterla. -Ann. Entomol. Soc. Am., College Park, MD, 74:563-569.
- TANIDA, K. (1974): Preliminary reports on the aquatic insects of the Ryukyus with some ecological remarks I.-Ecol. Stud. Nat. Cons., Ryukyu Isl., 1:161-174.
- TANIDA, K. (1975): A list of aquatic insects of streams in the Hakusan region I. -Ann. Rept. Hakusan, Natur. Cons. Cntr., Ishikawa, 2:65-75. (Japanese, English summary).
- TANIDA, K. (1980a): A list of aquatic insects of streams in the Hakusan region II. -Ann. Rept. Hakusan Natur. Cons. Cntr., Ishikawa, 6:133-138. (Japanese, English summary).
- TANIDA, K. (1980b): (Stonefly on snow). -Ann. Rept. Hakusan Nat. Cons. Cntr., Ishikawa, 7(3):7-8. (Japanese).
- TANIDA, K. (1981): A preliminary report on winter stoneflies (Insecta: Plecoptera) in the Hakusan region. A list of aquatic insects of streams in the Hakusan region III. -Ann. Rept. Hakusan Natur. Cons. Cntr., Ishikawa, 7:9-22.
- TARTER, D.C. and R.F. KIRCHNER. (1980): List of stoneflies (Plecoptera) of West Virginia. -Entomol. News, Philadelphia, PA, 91:49-53.
- THEISCHINGER, G. (1979): Über Protonemura Kempny aus dem Osten der mediterranen Subregion der Paläarktis (Plecoptera:Nemuridae). -Nachr. Bayer. Entomol., München, 28(6):118-122.
- THEISCHINGER, G. (1981): New stoneflies (Plecoptera) from New South Wales, Australia. -Aquat. Insects, Lisse, 2(4)(1980):249-256.
- THEISCHINGER, G. (1981): New and little known stoneflies from Australia (Insecta:Plecoptera). -Aquat. Insects, Lisse, 3:103-128.
- THEISCHINGER, G. and U. HUMPESCH. (1979): Die Plecopteren der oberösterreichischen Donau und ihrer Nebengewässer. -Limnolog. Ber XIX. Jubiläumstagung Donauforschung, Sofia, 1979:340-343.
- TIPPETS, W.E. and P.B. MOYLE. (1978): Epibenthic feeding by rainbow trout (Salmo gairdneri) in the McCloud river, California. -J. Anim. Ecol., Oxford, 47(2):549-559.

- TOWNS, D.R. (1981): Life histories of benthic invertebrates in a Kauri forest stream in Northern New Zealand. -Austral. J. Mar. Freshw. Res., Melbourne, 32:191-211.
- TOWNSEND, C.R. and A.G. HILDREW. (1979a): Foraging strategies and co-existence in a seasonal environment. -Oecologia, Berlin, 38:221-234.
- TOWNSEND, C.R. and A.G. HILDREW. (1979b): Resource partitioning by two freshwater invertebrate predators with contrasting foraging strategies. -J. Anim. Ecol., Oxford, 48:909-920.
- TOZER, W. (1979): Underwater behavioral thermoregulation in the adult stonefly, Zapada cinctipes. -Nature, London, 281:566-567.
- TSUI, T.P. and P.J. MCCART. (1981): Effects of stream-crossing by a pipeline on the benthic macroinvertebrate communities of a small mountain stream. -Hydrobiologia, the Hague, 79:271-276.
- UJHELYI, S. (1979): (Data of some orders of Insecta occurring in Bakony Mountain). -Veszprém Megyei Múz.Közlem. 14:85-93. (Hungarian).
- VINIKOUR, W.S. (1981): Aquatic insect drift through a final-cut strip mine pit, with emphasis on drift distances. -Hydrobiologia, the Hague, 77:225-232.
- WACHS, B. (1979): Metallgehalt des Phyto- und Zoobenthos der Fließgewässer in: Aktuelle Fragen zur Abwässerbehandlung und zum Gewässerschutz. -Müchener Beitr. Abwässer-, Fischerei- und Flussbiol., Munich, 31:225-267.
- WALTON, O.E. Jr. (1978): Substrate attachment by drifting aquatic insect larvae. -Ecology, Durham, NC, 59:1023-1030.
- WALTON, O.E. Jr. (1980a): Invertebrate drift from predator-prey associations. Ecology, Durham, NC, 61(6):1486-1497.
- WALTON, O.E. Jr. (1980b): Active entry of stream benthic macroinvertebrates into the water column. -Hydrobiologia, the Hague, 74:129-139.
- WARD, J.V. (1981): Altitudinal distribution and abundance of Plecoptera in a Rocky Mountain stream. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:24.
- WARD, J.V. and R.G. DUFFORD. (1979): Longitudinal and seasonal distribution of macroinvertebrates and epilithic algae in a Colorado springbrook-pond system. -Arch. Hydrobiol., Stuttgart, 86(3): 284-321.

- WEAVER, J.S. III and J.L. SYKORA. (1980): Analysis of the fauna of a constant temperature spring. -(abstract). 28. Ann. Meeting N. Am. Benth.Soc., Savannah, GA:45.
- WEBB, D. (1980): Primary insect types in the Illinois natural history survey collection, exclusive of the Collembola and Thysanoptera. -Ill.Natur.Hist. Surv. Bull., Urbana, IL, 32(2):55-191.
- WHITE, T.R. (1981): The biogeography and ecology of South Carolina stoneflies. -(abstract). 29. Ann. Meeting N. Am. Benth. Soc., Provo, UT:24.
- WICHARD, W. and B. EISENBEIS. (1979): Fine structural and histochemical evidence of chloride cells in stonefly larvae 3. The flori-form chloride cells. -Aquat. Insects, Lisse, 1(3):185-191.
- WIGGINS, G.B. and R.J. MACKAY. (1978): Some relationships between systematics and trophic ecology in nearctic aquatic insects, with special reference to Trichoptera. -Ecology, Durham, NC, 59(6): 1211-1220.
- WISE, D.H. and C. MOLLES Jr. (1979): Colonization of artificial substrate by stream insects: influence of substrate size and diversity. -Hydrobiologia, the Hague, 65(1):69-74.
- YOUNG, J.O. and J.W. IRONMONGER. (1979): The natural diet of Erobdella octoculata (L.) (Hirudinea:Erpobdellidae) in British lakes. -Arch. Hydrobiol., Stuttgart, 87(4):483-503.
- YOUNG, J.O. and J.W. IRONMONGER. (1980): A laboratory study of the food of three species of leeches occurring in British lakes. -Hydrobiologia, the Hague, 68(3):209-215.
- ZHILTZOVA, L.A. (1978): Plecoptera, Nemouridae Nemoura cinerea (Retzius, 1783). -Map 2 in: SCARLATO, O.A. and K.G. GORODKOV (eds.) -Provisional Atlas of the insects of the European part of USSR, Leningrad.
- ZHILTZOVA, L.A. (1979a): (Finding of a second species of the genus Takagripopteryx (Plecoptera:Capniidae) in the USSR). -Vestn. Zool., Kiev, 1979:16-19. (Russian, English summary).
- ZHILTZOVA, L.A. (1979b): On the fauna of stoneflies (Plecoptera) of the Mongolian People's Republic, III. -Insects of Mongolia, Leningrad, 6:18-24.
- ZHILTZOVA, L.A. (1979c): (The genus Takagripopteryx Okamoto (Plecoptera:Capniidae) from Sakhalin, new for the USSR). -Entomol. Obozr., Leningrad, 58(2):318-321. (Russian).

- ZHILTZOVA, L.A. (1979d): (A new species of stoneflies of the family Perlidae (Plecoptera) from the Far East). -Acad. Sci. USSR Proc. Zool. Inst., Leningrad, 81:3-6.
- ZHILTZOVA, L.A. (1979e): (New species of stoneflies in the family Nemouridae (Plecoptera) from the Asiatic part of the USSR. -Acad. Sci. USSR Proc. Zool. Inst., Leningrad, 88:10-14. (Russian, English summary).
- ZHILTZOVA, L.A. (1979f): Zoogeographical peculiarities of the fauna of Plecoptera of the Soviet Far East. -(abstract). XIV USSR Pac. Sci. Congr. Proc., Khabarovsk, pp. 28-29.
- ZHILTZOVA, L.A. (1979g): (A new species of stoneflies of the family Capniidae (Plecoptera) from the Far East). -Publ. Soviet Entomol. Soc., Leningrad, 61:15-17. (Russian, English summary).
- ZHILTZOVA, L.A. (1979h): (To the knowledge of stoneflies of family Nemouridae (Plecoptera) from Sachalin and the Kurile Islands). -Vestn. Zool., Kiev, 1979(6):28-33. (Russian).
- ZHILTZOVA, L.A. (1979i): (New data on the fauna of stoneflies (Plecoptera) in the Northeast part of the USSR). -pp. 62-69 in: LEVANIDOV, B.Ja., I.M. LEVANIDOVA, I.A. TSHERESHIEV, and E.A. MAKARTSCHENKO (eds.): (Systematics and Ecology of the Fishes of Continental Waters of the Far East)., Vladivostok, 144 pp. (Russian, English summary).
- ZHILTZOVA, L.A. (1980a): Taeniopteryx nebulosa (Linnaeus 1758) Plecoptera:Taeniopterygidae. -Map 21 in SCARLATTO, O.A. and K.G. GORODKOV (eds.), -Provisional Atlas of the Insects of the European part of USSR., Leningrad.
- ZHILTZOVA, L.A. (1980b): (A new species of genus Nemoura (Plecoptera: Nemouridae) from Mongolia and Khabarovsk district). -Insects of Mongolia, Leningrad, 7:28-30.
- ZHILTZOVA, L.A. (1980c): (Genus Capniella Klapalek (Plecoptera) and its systematic position in the family Capniidae). -Entomol. Obozr., Leningrad, 59(3):580-585. (Russian).
- ZHILTZOVA, L.A. (1980d): (New species of Capniidae (Plecoptera) from the Kurile Islands). -Freshw. Fauna Far East, Vladivostok, 54-59. (Russian).
- ZWICK, P. (1980a): The genus Neoperla (Plecoptera:Perlidae) from Sri Lanka. -Oriental Insects, New Delhi, 14:263-269.

- ZWICK, P. (1980b): Plecoptera (Steinfliegen). -Handb. Zool., Berlin, 4(2) 2/7:1-115.
- ZWICK, P. (1980c): Notes on Plecoptera, (1). -Aquat. Insects, Lisse, 2(2):90.
- ZWICK, P. (1980d): Bemerkenswerte Steinfliegen -Funde (Insecta: Plecoptera) in Osthessen. -Beitr. Naturkde. Osthessen, Fulda, 16: 168-169.
- ZWICK, P. (1980e): Notes on Plecoptera, (2). -Aquat. Insects, Lisse, 2(3):170.
- ZWICK, P. (1980f): Notes on Plecoptera, (3). -Aquat. Insects, Lisse, 2(3):176.
- ZWICK, P. (1981a): The Seventh International Symposium on Plecoptera. Aquat. Insects, Lisse, 2(4):248.
- ZWICK, P. (1981b): 41 Plecoptera in: KEAST, A. (ed.). -Ecological Biogeography of Australia, 2:1169-1182. -Monogr. Biol., the Hague, 41.
- ZWICK, P. and I. SIVEC. (1980): Beiträge zur Kenntnis der Plecoptera des Himalaja. -Entomol. Basiliensa, Basel, 5:59-138.