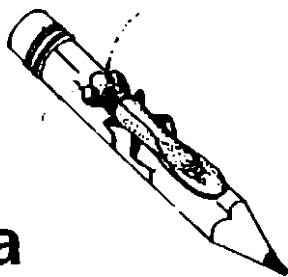


Recent Plecoptera Literature



This section includes the Plecoptera papers published since *Perla* 3 was mailed two years ago. In the future the plan is to publish *Perla* every two years and include a literature section 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.

- AHSAN, M. (1974). Aquatic fauna of Swat Valley, Pakistan; Part II. A preliminary report on freshwater insects. *Biologia* (Lahore). 20: 173-178. (In English).
- ALINOV, A. F. & N. V. SHADRIN. (1977). Chloric content of some representatives of freshwater benthos. *Hydrobiol. Zh.* 13: 80-86. (Russ. with Engl. summ.).
- ALLAN, J. D. (1978). Trout predation and the size composition of stream drift. *Limnol. Oceanogr.* 23: 1231-1237.
- ANDERSEN, T. A., FJELLNEIM, 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.
- ANDERSON, N. H. & J. R. SEDELL. (1979). Detritus processing by macroinvertebrates in stream ecosystems. *Annual Reviews of Entomol.* 24: 351-377.
- ARMITAGE, P. D. (1978). Downstream changes in the composition, numbers and biomass of bottom fauna in the Tees below Cow Green Reservoir and in an unregulated tributary Maiza Beck, in the first five years after impoundment. *Hydrobiologia* 58: 145-156.
- ASHLEY, D. L., D. C. TARTER & W. D. WATKINS. (1976). Life history and ecology of Diploperla robusta Stark and Gauvin (Plecoptera: Perlodidae). *Psyche* 83: 310-318.
- BAGGE, P. & V. SALMELA. (1978). The macrobenthos of the River Tourujok; and its tributaries (Central Finland): I. Plecoptera Ephemeroptera and Trichoptera. *Not. Entomol.* 58: 159-168.
- BALDUZZI, A., E. GRAINO & S. SPANO. (1976). The Arroscia-Centa hydrologic system (western Liguria) in relation to its zoobenthonic populations, with special attention to Ephemeroptera and Plecoptera. *Boll. Mus. Inst. Biol. Univ. Genova* 44: 25-54. (Ital. with Engl. summ.).

- BAUMANN, R. W. (1976). An annotated review of the systematics of North American stoneflies (Plecoptera). *Perla* 2: 21-23.
- BAUMANN, R. W. (1977). Water insects and their relatives. *Amer. Bio. Teacher* 39: 295-299.
- BAUMANN, R. W. (1979a). Stoneflies of the Rocky Mountains. *Gewasser und Abwasser*. 64: 48.
- BAUMANN, R. W. (1979b). Nearctic stonefly genera as indicators of ecological parameters (Plecoptera: Insecta). *Gr Basin Nat.* 39: 241-244.
- BAUMANN, R. W., A. R. CAUFIN & R. F. SURDICK. (1977). The stoneflies (Plecoptera) of the Rocky Mountains. *Memoirs Amer. Entomol. Soc.* 31, 208 pp.
- BEDNARIK, A. F. & W. P. McCAFFERTY. (1977). A checklist of the stoneflies or Plecoptera of Indiana. *Great Lakes Entomol.* 10: 223-226.
- DENFIELD, E. F., D. S. JONES & M. F. PATTERSON. (1977). Leaf pack processing in a pastureland stream. *Oikos (Copenhagen)* 29: 99-103.
- DFNGTSSON, J. (1977). Food preference experiments with nymphs of Nemoura cinerea (Retz.) (Plecoptera). *Flora Fauna* 83: 36-39. (Ger. with Engl. summ.).
- BERTHELENY, C. (1979). Mating calls and taxonomy in Pyrenean Isoperla. *Gewasser und Abwasser* 64: 71-72.
- DIANAK, P. (1970). Contribution to the knowledge of the relationship of zoobenthos to food of brook trout and of grayling. *Acta rer. natur. Mus. Nat. Slov. (Bratislava)* 24: 41-81. (Czech. with German summ.).
- DLOESCH, J. (1977). Bodenfaunistische Untersuchungen in Aare und Rhein Schweizer. *Z. Hydrobiol. (Basel)* 39: 46-68.

- BONAZZI, G. & P. F. GIETTI. (1977). The macroinvertebrate populations of Parma Stream: Results of a yearly cycle of research. *Ateneo. Parmense Acta. Nat.* 13: 351-396. (Ital. with Engl. summ.).
- BRAASCH, D. & W. JOOST. (1977). *Leuctra kumanskii* n. sp. --eine neue aptere Steinfliege (Plecoptera, Leuctridae) aus Bulgarien. *Ent. Nachr.* 21: 183-185.
- BRAASCH, D. & E. ODRICH. (1975). *Amphinemura borealis* (Norton 1894) - a new plecopterian for the DDR. *Ent. Nachr.* 19: 68-70. (Ger. with Engl. summ.).
- BRITAIN, J. E. (1977). The effect of temperature on the egg incubation period of *Taeniopteryx nebulosa* (Plecoptera). *Oikos* (Copenhagen) 29: 302-305.
- BRITAIN, J. E. (1978). Semivoltinism in mountain populations of *Nemurella pictetii* (Plecoptera). *Oikos* (Copenhagen) 30:1-6.
- BRITAIN, J. E. (1979). Semivoltinism in mountain populations of *Nemurella pictetii* (Plecoptera). *Gewässer und Abwasser* 64: 29 (Abs.).
- BRITAIN, J. E. & A. LILLEHAMMER. (1978). The fauna of the exposed zone of Ovre Heimdalsvatn: methods, sampling stations and general results. *Holarct. Ecol.* (Copenhagen) 1: 221-228.
- BRODSKIY, A. K. (1979). Evolution of the flight apparatus in Plecoptera. Part 1. Functional morphology of wings. *Entomol. Obozr.* (Leningrad) 58: 69-77. (In Russian).
- BROOKER, M. P. & R. J. HEMSWORTH. (1978). The effect of the release of an artificial discharge of water on invertebrate drift in the R. Wye, Wales. *Hydrobiologia* (The Hague) 39: 155-163.
- CASPERS, N. & H. STIERS. (1977). Contribution to the knowledge of the Plecoptera of the Eifel (Insecta: Plecoptera). *Decheniana* 130: 136-150. (Ger. with Engl. summ.).
- CHINO, Y. (1978). The female of *Nogiperla uenoi* (KOHNO) (Plecoptera, Peltoperlidae). *New Entomol.* 27: 9-17.

- CLIFFORD, H. F. (1978). Descriptive phenology and seasonality of a Canadian brown-water stream. *Hydrobiologia* (Den Haag) 58: 213-231.
- COIFFAIT, H. (1976). Recent works on taxonomy and biogeography. *Nouv. Rev. Ent.* 6: 325-332. (In French) (Plecoptera references).
- CONSIGLIO, C. (1978). On some stoneflies of the genus Neoperla from Ethiopia (Plecoptera). *Accad. Nazion. dei Lincei* 243: 59-61.
- COWIE, D., A. J. CONNER & L. N. CONNER. (1978). A survey of the benthic invertebrates from the Fresh Water Valley, Stewart Island, New Zealand. *Mauri Ora* 6: 27-32.
- CRISP, D. T., R. H. K. MANN & J. C. McCORMACK. (1978). The effects of impoundment and regulation upon the stomach contents of fish at Cow Green, Upper Teesdale. *J. Fish. Biol.* 12: 287-302.
- CUSIMAN, R. M., J. W. ELWOOD & S. G. HILDEBRAND. (1975). Production dynamics of Alloperla mediana Banks (Plecoptera: Chloroperlidae) and Diplectrona modesta Banks (Trichoptera: Hydropsychidae) in Walker Branch, Tennessee. *Oak Ridge Natl. Lab. Environ. Sci. Div. Publ.* 785.
- CUSIMAN, R. M., J. W. ELWOOD & S. G. HILDEBRAND. (1977). Life history and production dynamics of Alloperla mediana and Diplectrona modesta in Walker Branch, Tennessee. *Am. Midl. Nat.* 98: 354-364.
- DAUTI, E. (1977). Contribution to the study of the fauna of Plecoptera in the river system of upper flow of the Nerodimka River. *Acta Biol. Med. Exp.* 2: 65-70.
- DEVONPORT, B. F. & M. J. WINTERBOURN. (1976). The feeding relationships of two invertebrate predators in a New Zealand river. *Freshwat. Biol. (Oxford)* 6: 167-176.
- DIEM, F. (1977). Über die Fauna des Niklbaches (Naturschutzgebiet Sengengebirge O. O.) mit besonderer Berücksichtigung der Steinfliegen (Insecta: Plecoptera). Hausarbeit Lehramtsstudium Universität Innsbruck; unpublished manuscript, 111 pp.

- DONALD, D. B. & R. S. ANDERSON. (1977). Distribution of the stoneflies (Plecoptera) of the Waterton River Drainage, Alberta, Canada. Can. Wildlife Service. Syesis 10: 111-120.
- DORGELO, J. (1976). Further observations on drift in two brooks in Auvergne. Ann. Stn. Biol. Besse-en-Chandesse 10: 233-249.
- DOSDALL, L. (1976). Saskatchewan winter stoneflies. Blue Jay 34: 198-202.
- DOSDALL, L. & D. M. LEMKUNL. (1979). Stoneflies (Plecoptera) of Saskatchewan. Quaestiones Entom. 15: 3-116.
- DURRENFELDT, A. (1978). Untersuchungen zur Besiedlungsbiologie von Kalktuff - faunistische, ökologische und elektronenmikroskopische Befunde. Arch. Hydrobiol. Suppl. 54: 1-79.
- DUTNER, S. G. (1977). Neuropteroidea from the river bed of the Aa of Drenthe. Entomol. Ber. 37: 81-85. (Neth. with Engl. summ.).
- FEY, J. M. (1977a). Die Aufheizung eines Mittelgebirgsflusses und ihre Auswirkungen auf die Zoozonose - dargestellt an der Lenne (Sauerland). Arch. Hydrobiol. Suppl. 53, Monogr. Beitr.: 307-363.
- FEY, J. M. (1977b). Ein Beitrag zur Biologie der Lenne. Der Sauerlandische Naturbeobachter. Veröffentl. Naturwiss. Verein Ludenscheid 11: 1-19.
- FIANCE, S. B. (1977). The genera of Eastern North American Chloroperlidae (Plecoptera): key to larval stages. Psyche 84: 308-316.
- FIELDS, W. C., Jr. (1977). A new *Megaleuctra* from California (Plecoptera: Leuctridae). Pan-Pac. Entomol. 53: 211-214.
- FINNI, G. R. & L. CIANDLER. (1977). Postdiapause instar discrimination and life history of the capniid stonefly *Allocapnia granulata* (Classen) (Insecta: Plecoptera). Am. Midl. Nat. 98: 243-250.

- FINNI, G. R. & L. CHANDLER, (1979). The micro distribution of Allocaenia naida (Plecoptera: Capniidae). J. Kans. Entomol. Soc. 52: 93-102.
- FLANNAGAN, J. F. (1978). The winter stoneflies Allocaenia granulata (Capniidae), Taeniopteryx nivalis and T. parvula (Taeniopterygidae) in southern Manitoba, Canada Ent. 110: 111-112.
- 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. Quaestiones Entom. 14: 411-431.
- FRIBERG, F., L. M. NILSSON, C. OTTO, P. SJOSTROM, B. W. SVENSSON, B. SVENSSON, AND S. ULFSTRAND. (1977). Diversity and environments of benthic invertebrate communities in south Swedish streams. Arch. Hydrobiol. 81: 129-154.
- FROENLICH, C. G. (1979). The genus Eutactophlebia. Gewässer und Abwasser 64: 70-71.
- FULLER, R. L. & K. W. STEWART. (1979). Stonefly (Plecoptera) food habits and prey preference in the Dolores River, Colorado. Am. Midl. Nat. 101: 170-181.
- FULLINGTON, K. E. (1979). The nymphs of North American Taeniopteryx. Gewässer und Abwasser 64: 35-36.
- GILLESPIE, D. M., J. D. ELDRIDGE & C. K. THOMPSON. (1975). A kinetic model for static bioassay of insecticides (Pteronarcys californica used). Water Res. 9: 817-820.
- GIUDICELLI, J. (1975). Analysis of endemism in the fauna from running waters in Corsica. Ecol. Mediterr. 1: 133-148.
- GODFREY, P. J. (1977). Diversity as a measure of benthic macro-invertebrate community response to water pollution. Hydrobiologia (The Hague) 57: 111-122.

- GORE, J. A. (1978). A technique for predicting in-stream flow requirements of benthic macroinvertebrates. *Freshwat. Biol.* (Oxford) 8: 141-151.
- GRANT, P. R. & R. J. MACKAY. (1969). Ecological segregation of systematically related stream insects. *Can. J. Zool.* 47: 691-694.
- GRAY, L. J. & J. V. WARD. (1978). Food habits of stream benthos at sites of differing food availability. *Am. Midl. Nat.* 102: 157-167.
- HAGIWARA, K. (1977). On the biology of a stonefly, *Eocapnia nivilae* (Veno) (Plecoptera, Capniidae), during the snow-season in Ashu, the northern suburb of Kyoto. *Kontyu* 45: 421-430. (Jpn. with Engl. summ.).
- HARPER, P. P. (1977). Capniidae, Leuctridae, and Perlidae (Plecoptera) from Nepal. *Oriental Insects* (Delhi) 11: 53-62.
- HARPER, P. P. (1979). Observations on the early instars of stoneflies (Plecoptera). *Gewasser und Abwasser* 64: 18-28.
- HARPER, P. P. & R. F. KIRCHNER. (1978). A new stonefly from West Virginia (Plecoptera: Chloroperlidae). *Proc. Entomol. Soc. Wash.* 80: 403-406.
- HART, D. S. & M. A. BRUSVEN. (1976). Comparison of benthic insect communities in six small Idaho Batholith streams (includes Plecoptera). *Melandieria* 23: 1-18.
- HELLEN, W. (1976). List of the insect species recorded new to Finland during 1971-1975. *Not. Entomol.* 56: 109-119. (Ger. with Engl. summ.).
- HUGGINS, D. G. (1978). Kansas Plecoptera. *Trans. Kans. Acad. Sci.* 81: 153.
- HULDEN, I., M. MEINANDER, O. NYBOM & H. SILFVERBERG. (1977). Deletions from the Finnish fauna I. *Not. Entomol.* (Helsingfors). 57: 11-12.

- HYNES, H. B. N., N. K. KAUSHIK, H. A. LOCK, D. L. LUSH, Z. S. J. STOCKER, R. R. WALLACE & D. D. WILLIAMS. (1974). Benthos and allochthonous organic matter in streams. *J. Fish. Res. Bd. Can.* 31: 545-553.
- IKONOHOV, P. (1978). Plecopteres de la plaine de Skopje. *Ann. Fac. Biol. Univ. (Skopje)* 31: 5-18.
- ILLIES, J. (1978a). Comparative measurement of emergence in Breitenbach 1969-1976. *Arch. Hydrobiol. (Stuttgart)* 82: 432-440.
- ILLIES, J. (1978b). Plecoptera. In: ILLIES, J. (ed.): *Limnofauna Europaea*. - 2nd edn. (Stuttgart). XVII: 264-273.
- ILLIES, J. (1979). Population dynamics of Plecoptera from Breitenbach, Schilitz. *Gewässer und Abwasser* 64: 47.
- IVERSEN, T. H. (1978). Life cycle and growth of three species of Plecoptera in a Danish spring. *Ent. Meddr. (Copenhagen)* 46: 57-62.
- IVERSEN, T. H. & B. L. MADSEN. (1977). Allochthonous organic matter in streams. *Folia Limnol. Scand.* 17: 17-20.
- JOOST, W. (1977). *Nemoura monae* n. sp. - eine neue Steinfliege (Plecoptera: Nemouridae) aus dem Einzugsgebiet der Teberda (UdSSR, Westkavkasus). *Ent. Nachr. (Dresden)* 21: 27-31.
- JOOST, W. (1978). 3.3. Ordnung Plecoptera (Steinfliegen). In: *Wasserinsekten Kulturbund der DDR* (ed.) (Leipzig) 88 pp.
- KACANSKI, D. (1978). Plecoptera sliva reke Neretve (Plecoptera of the River Neretra drainage). *Godisn. Biol. inst. Univ. Sarajeva* 31: 57-58.
- KACANSKI, D. (1979). Some characteristics of the Plecoptera fauna in Bosnia and Herzegovina (Yugoslavia). *Gewässer und Abwasser* 64: 49-55.

- KAISER, E. W. (1977). Short notations on Danish stoneflies (Plecoptera). Flora Fauna 83: 85-87. (Dan. with Engl. summ.).
- KAPOOR, N. N. (1978a). Effect of osmotic stress on the 'chloride cells' and ATP-ase activity in the tracheal gills of stonefly nymphs. (Insecta). Amer. Zoologist 18: 344.
- KAPOOR, N. N. (1978b). Effect of salinity on the osmoregulatory cells in the tracheal gills of the stonefly nymph, Paragnetina media (Plecoptera: Perlidae). Can. J. Zool. (Ottawa) 56: 2608-2613.
- KAPOOR, N. N. (1979a). The effect of osmotic stress on the survival and respiration of the stonefly nymph, Paragnetina media. Gewässer und Abwasser 64: 37-38.
- KAPOOR, N. N. (1979b). Osmotic regulation and salinity tolerance of the stonefly nymph Paragnetina media. J. Insect Physiol. 25: 17-20.
- KAPOOR, N. N. & K. ZACHARIAH. (1978). The internal morphology of sensilla on the abdominal gills of Thaumatoperla alpina (Plecoptera: Eustheniidae; sub-family: Thaumatoperlinae). Can. J. Zool. 56: 2194-2197.
- KAPOOR, N. N. & K. ZACHARIAH. (1979). The morphology of flower-like sensilla of Thaumatoperla alpina (Eustheniidae). Gewässer und Abwasser 64: 44.
- KASTER, J. L. & G. Z. JACOBI. (1978). Benthic macro-invertebrates of fluctuating reservoir. Freshwat. Biol. 8: 283-290.
- KAWAI, T. & Y. ISOBE. (1979). Some taxonomic relationships of the genera Schistoperla BANKS and Klotina KIAPALEK. Gewässer und Abwasser 64: 74-76.
- KAWECKA, B., M. KOWNACKA & A. KOWNACKI. (1971). General characteristics of the biocoenosis in the streams of the Polish High Tatras. Acta Hydrobiol. (Krakow) 13: 465-476.

- KELLOGG, R. L. & R. V. VALKLEY. (1976). Seasonal concentration of Dieldrin in water, Channel Catfish, and catfish-food organisms, Des Moines River, Iowa 1971-73. *Pestic. Monit. J.* 9: 186-194.
- KHALAF, G. & H. TACHET. (1977). The dynamics of macroinvertebrate colonization of artificial substrates in a stream. *Ann. Limnol.* 13: 169-190. (Fr. with Engl. summ.).
- KIRCHNER, R. F. (1978). Plecoptera records from West Virginia Ent. News. 89: 206.
- KLAUSNITZER, B., G. FRIESE, W. HEINICKE, W. JOOST & G. MULLER. (1978). Bedrohte Insektenarten in der Deutschen Demokratischen Republik 1. Beitrag. *Entomol. Ber. (Berlin)* 1978: 81-87.
- KNIE, J. (1977). *Ökologische Untersuchung der Käferfauna von ausgewählten Fließgewässern des Rheinischen Schiefergebirges (Insecta: Coleoptera). (Includes Plecoptera).* *Decheniana (Bonn)* 130: 151-221.
- KNIGHT, A. W. & C. A. SIEGFRIED. (1977). A teratomorphic stonefly (Plecoptera: Nemouridae). *Great Lakes Entomol. (East Lansing, Michigan)* 10: 165.
- KONDRATIEFF, B. C. & J. R. VOSHELL, JR. (1979). A new species of *Diploperla* (Plecoptera: Perlodidae) from Virginia. *Ann. Ent. Soc. Am.* 72: 451-453.
- KOPONEN, S. (1977). Light trap catches of insects at Kevo, northernmost Finland. *Not. Entomol.* 57: 53-57.
- KOVALAK, W. P. (1978a). Diel changes in stream benthos density on stones and artificial substrates. *Hydrobiologia (Den Haag)* 58: 7-16.
- KOVALAK, W. P. (1978b). On the feeding habits of *Phaeganoptera capitata* (Plecoptera: Perlidae). *Great Lakes Entomol.* 11: 45-50.

- KOHNACKI, 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. (Krakow) 19: 293-312. (Engl. with Polish summ.).
- KOWNACKA, M. & G. MARGREITER. (1978). Die Zoobenthos - Gesellschaften des Piburger Baches (Orztal, Tirol). Int. Revue ges. Hydrobiol. 63: 213-232.
- KRNO, I. (1977). Stonefly Leuctra quadrimaculata Kis, 1963, a new species for the fauna of Czechoslovakia. Biologia (Bratisl) 32: 893-894. (Slovak. with Engl. summ.).
- KUUSELA, K. (1976). On the emergence biology of Taeniopteryx nebulosa (L.) (Plecoptera). Ann. Entomol. Fenn. (Helsinki) 42: 121-132.
- KUUSELA, K. & H. PULKKINEN. (1978). A simple trap for collecting newly emerged stoneflies (Plecoptera). Oikos 31: 323-325.
- 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. Nebr. Acad. Sci. Affil. Soc. 88: 16.
- LAPCHIN, L. (1977a). Microrepartition des invertébrés benthiques dans deux ruisseaux à Salmonides de Bretagne. Ann. Hydrobiol. (Paris) 8: 319-332.
- LAPCHIN, L. (1977b). Utilisation de l'analyse des correspondances pour l'étude de la répartition des invertébrés benthiques dans deux ruisseaux à Salmonides de Bretagne. Ann. Hydrobiol. (Paris) 8: 333-354.
- LEVANIDOVA, I. N., V. Ya. LEVANIDOV & E. A. MAKARCHENKO. (1977). Fauna of water invertebrate from the reserve "Kedrovaya Pad." In: Freshwater fauna of the reserve "Kedrovaya Pad" Proceedings of the Institute of Biology and Pedology 45: 3-43. (In Russian).

- LILLENHAMMER, A. (1978). The Plecoptera of Øvre Heimclintvatn
Holarct. Ecol. 1: 232-238.
- LILLENHAMMER, A. (1979). Stonefly populations at high altitudes
in Norway. Gewässer und Abwasser 64: 48-49.
- LILLENHAMMER, A. & J. E. BRITTAIN. (1978). The invertebrate fauna
of the streams in Øvre Heimdalen. Holarct. Ecol. 1: 271-276.
- LINDEGAARD, C. (1979). A survey of the invertebrate fauna, with
special reference to Chironomidae (Diptera) in the rivers Laxa
and Kraka, northern Iceland. Oikos (Copenhagen) 32: 281-288.
- LUEDTKE, R. J. & M. A. BRUSVEN & F. J. WATTS. (1976). Benthic insect
community changes in relationship to in-stream alterations of a
sediment-polluted stream (Plecoptera included). Melanderia
23: 21-39.
- MACAN, T. T. (1977a). A twenty-year study of the fauna in the
vegetation of a moorland fish pond. Arch. Hydrobiol. 81: 1-24.
- MACAN, T. T. (1977b). The fauna in the vegetation of a moorland
fish pond as revealed by different methods of collecting.
Hydrobiologia 55: 3-16.
- McCAFFERTY, W. P. (1978). Pre-management assessment of aquatic
macroinvertebrates in a small sedimentary drainage area of the
Maumee and Lake Erie Basin. Great Lakes Entomol. 11: 37-44.
- McLELLAN, I. D. (1979). New Zealand terrestrial stoneflies and some
ideas on speciation. Gewässer und Abwasser 64: 56-59.
- HADSEN, B. L. (1977). Studies of population movements in insects
associated with streams. Zool. Revy. 29: 22-29. (Dan. with
Engl. summ.).
- HALMQVIST, B., L. H. NILSSON & B. S. SVENSSON. (1978). Dynamics of
detritus in a small stream in southern Sweden and its influence on
the distribution of the bottom animal communities. Oikos
(Copenhagen) 31: 3-16.

- MAMAEV, B. M. (1972). Key to insects classified according to their larvae. Manual for teachers. Prosveshchenie Moskva 1-400.
- MARLIER, G. (1977). Aquatic insects. Nat. Belg. 58: 97-110, 116-178. (Fr.).
- MARLIER, G. (1979). A hydrobiological mission to the Seychelles. Nat. Belg. 60: 44-58. (Fr.).
- MASTELLER, E. C. (1977). An aquatic emergence trap on a shale stream of Western Pennsylvania. Melsheimer Entomol. Series 23: 10-15.
- MAUCH, E. (1976). Leitformender Saprobitalat für die biologische Gewässeranalyse. Cour. Forsch. - Inst. Senckenberg (Frankfurt) 21: XXVII + 797 pp.
- MENDL, H. (1972). Plecoptera und Diptera, Nematocera (Tipulidae: Limoniinae) aus Ligurien Ein Beitrag zur Plecopteren und Dipteren fauna Habens. Mitt. Naturwiss. Arbeitskreis, Kempten (Allgäu) 16: 53-58.
- MENDI, H. & K. MULLER. (1978). The colonization cycle of Amphinemura standfussi (Insecta: Plecoptera) in the Abisko area, Sweden. Hydrobiologia 60: 109-112.
- MULLER, K. & H. MENDL. (1978). Development of wings in Capnia atra in the Abisko area, Sweden (Plecoptera). Entomol. Tidskr. 99: 111-112.
- MULLER, K. & H. MENDL. (1979). The importance of a brackish water area for the stonefly colonization cycle in a coastal river. Oikos 33: 272-277.
- NAGELL, B. (1979). Capacity to survive anoxia or low oxygen concentrations of Nemoura cinerea larvae (Plecoptera). Gewässer und Abwasser 64: 39.
- NAGELL, B. & T. FAGERSTROM. (1978). Adaptations and resistance to anoxia in Cloeon dipterum (Ephemeroptera) and Nemoura cinerea (Plecoptera). Oikos 30: 95-99.

- NEDIC, D. (1975). Some aspects of the population density of bottom fauna of the rivers Piva and Komarnica and their most important tributaries (English summary). Glas. Repub. Zavoda Zast. Prir. Muz. Titogradu 8: 81-91.
- NELSON, C. H. (1977). Position of "Leuctra" divisa Hitchcock within the family Leuctridae (Plecoptera). Ent. News 88: 235-240.
- NEVES, R. J. (1978). Seasonal succession and diversity of stoneflies. (Plecoptera) in Factory Brook, Massachusetts, U.S.A. J. N. Y. Ent. Soc. 86: 144-152.
- NEWELL, R. L. & G. W. MINSHALL. (1976). An annotated list of the aquatic insects of southeastern Idaho, Part I: Plecoptera. Gt Basin Nat. 36: 501-504.
- NIMMO, A. P. (1978). (Book Review) The stoneflies of the Rocky Mountains by R. W. Baumann, A. R. Gauffin, and R. F. Surdick. Questiones Entom. 14.
- OBERNDORFER, R. Y. & K. W. STEWART. (1977). The life cycle of Hydroperla crosbyi (Plecoptera: Perlodidae). Gt Basin Nat. 37: 260-273.
- O'CONNOR, J. P. (1978). The stonefly Capnia atra Norton (Plecoptera, Capniidae) confirmed as an Irish species. Entomol. Gazz. 29: 156-158.
- OKAZAWA, T. (1974). Aquatic insect survey of the River Knumai, with special reference to the rocky chute bed fauna (includes Plecoptera). Kontyu (Tokyo) 43: 497-512.
- OLIVE, J. H. (1976). Chemical-physical and biological assessment of water quality in the Cuyahoga River (1973-74) (includes Plecoptera). Ohio J. Sci. 76: 5-15.
- OLIVE, J. H. & K. R. SMITH. (1975). Benthic macroinvertebrates as indexes of water quality in the Sciota River Basin, Ohio (includes Plecoptera). Bull. Ohio Biol. Surv. 5: 1-24.

- PARKER, N. C. & B. A. SIMCO. (1975). Activity patterns, feeding and behavior of the pirateperch, Aphredoderus sayanus (Plecoptera as food). *Copeia* 1976: 572-574.
- PECKARSKY, B. L. (1979). Biological interactions as determinants of distributions of benthic invertebrates within the substratum of stony streams. *Limnol. Oceanogr.* (Ann Arbor) 24: 59-68.
- PENNAK, R. W. (1977). Trophic variables in Rocky Mountain trout streams. *Arch. Hydrobiol.* (Stuttgart) 80: 253-285.
- RABENI, C. F. & G. W. MINSHALL. (1977). Factors affecting micro-distribution of stream benthic insects. *Oikos* (Copenhagen) 29: 33-43.
- RAVIZZA, C. (1976). Faunistic and taxonomic notes on vernal Plecoptera in Sardinia. *Boll. Soc. Sarda. Sci. Nat.* 15: 149-160. (Ital. with Engl. summ.).
- RAVIZZA, C. (1977). Notes on Protonemura elisabethae Rav., with description of the full-grown nymph (Plecoptera, Nemouridae). *Bull. Soc. Entomol. Ital.* 109: 75-77. (Ital. with Engl. summ.).
- RAVIZZA, C. (1978). Una specie nuova di Plecottero dei monti del biellese: Leuctra brevipennis n. sp. (Plecoptera Leuctridae). Estratto da REDIA (Firenze) LXI: 251-257.
- RAVIZZA, C. & E. RAVIZZA DEMATTEIS. (1977a). High Tanaro Valley (Ligurian Alps) stonefly fauna (Plecoptera). *Mem. Soc. Entomol. Ital.* (Genova) 55: 183-215. (Ital. with Engl. summ.).
- RAVIZZA, C. & E. RAVIZZA DEMATTEIS. (1977b). The full-grown nymph of Protonemura ausonia (Cons.) and P. robusta Berth. *Att. Soc. Ital. Sci. nat. Museo. Civ. Stor. nat. Milano* 118: 353-359.
- RAVIZZA, C. & E. R. DEMATTEIS. (1978). Mountain brooklet stonefly fauna of northern Apennine (Plecoptera). *Atti. Soc. Ital. Sci. nat. Museo. Civ. Stor. nat. Milano* 119: 229-242.
- RAYMOND, S. 1979. As I See It: Anglers with fine mesh nets are hauling in Odonata and Plecoptera. *Sports Illus.* VIII: E-3.

- HEICE, S. R. (1977). The role of animal associations and current velocity in sediment - specific leaf litter decomposition. *Oikos* (Copenhagen) 29: 357-365.
- HEICE, S. R. (1978). Role of detritivore selectivity in species-specific litter decomposition in a woodland stream. *Verh. Internat. Verin. Limnol.* (Stuttgart) 20: 1396-1400.
- RICKER, W. E. (1976). Origin of stonefly names proposed by Ricker and collaborators. *Perla* 2: 5-19.
- RIEK, E. F. (1976a). A new collection of insects from the Upper Triassic of South Africa. *Ann. Natal. Mus.* 22: 791-820. (Includes Plecoptera).
- RIEK, E. F. (1976b). Fossil insects from the Middle Ecca (Lower Permian) of southern Africa. *Palaeontol. Afr.* 19: 145-148. (Paranpleoptera).
- RUPPRECHT, R. (1978). Proof of drumming - signals in a European species of the stonefly family Leuctridae (Plecoptera). *Entomol. Ger.* (Stuttgart) 3: 333-336. (Ger. with Engl. summ.).
- SALMAN, S. A. (1979). Etude ecologique d'un ruisseau de plaine "Le Fontanil". Manuskript. These de 1 - Universite de Grenoble.
- SALTVEIT, S. J. (1978). The small nymphs of Diura nanseni (Kempny) (Plecoptera). *Ent. Scand.* (Lund) 9: 297-298.
- SALTVEIT, S. J. (1979). Field and laboratory studies on the life history of three species of Amphinemura. *Gewässer und Abwasser* 64: 30-31.
- SANDERS, H. O. & O. B. COPE. (1968). The relative toxicities of several pesticides to naiads of three species of stoneflies. *Limnol. Oceanogr.* (Lawrence, Kansas) 13: 112-117.
- SANDROCK, F. (1978). A comparison of the insects emerging from two brooks in the region of Schlitz:Breitenbach and Rohrwiesenbach, West Germany 1970-1971. *Arch. Hydrobiol. Suppl.* 54: 328-408.

- SARAI, D. S. (1976). Total and fecal coliform bacteria in some aquatic and other insects (includes Acroneura evoluta Klap.). Environ. Entomol. 5: 365-367.
- SAVAGE, N. L. & F. W. RABE. (1973). The effects of mine and domestic wastes on macroinvertebrate community structure in the Coeur d' Alene River (includes Plecoptera). Northwest Sci. 47: 159-168.
- SCHOENEMUND, E. (1911). Über die hermaphrodite sexualanlage der Männchen von Perla marginata Panz. Sber. Medizin. - Natwiss. Ges. Munster 1911: 1-8. Note: quoted from reprint, overlooked in all catalogues; despite identity of title not the same as paper quoted "1912b" by ILLIES 1966.
- SCHUSTER, K. (1978). Das zoobenthos der oberen Kur. Decheniana (Bonn) 131: 141-146.
- SHELDON, A. L. & M. W. OSWOOD. (1977). Blackfly (Diptera: Simuliidae) abundance in a lake outlet: test of a predictive model. Hydrobiologia (The Hague) 56: 113-120. (Plec. discussed).
- 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.
- SIEGFRIED, C. A. & A. W. KNIGHT. (1976). Prey selection by a setipalpian stonefly nymph, Acroneuria (Calineuria) californica Banks (Plecoptera: Perlidae). Ecology 57: 603-608.
- SIEGFRIED, C. A. & A. W. KNIGHT. (1978). Aspects of the life history and growth of Acroneuria (Calineuria) californica in a Sierra foothill stream. Ann. Ent. Soc. Am. 71: 149-154.
- SIEGFRIED, C. A., P. J. SHEEHAN & A. W. KNIGHT. (1977). The adults of Oroperla barbara (Needham) (Plecoptera: Perlodidae). Pan-Pac. Entomol. (San Francisco) 53: 126-128.
- SIMMONS, G. M. & J. R. VOSHILL, Jr. (1978). Pre- and post-impoundment benthic macroinvertebrate communities of the North Anna River. Current perspectives on river-reservoir ecosystems, North American Bentholog. Soc. ed. 45-61.

- SINGH, R. K. & P. D. RANE. (1976). A new record of stoneflies (Plecoptera: Perlidae) from Madhya Pradesh, India. *Newsl. Zool. Surv. India (Calcutta)* 2: 159.
- SIVEC, I. (1979). Notes on the drift of stoneflies (Plecoptera) in subterranean environment of the sinking-river Pivka (Slovenija, Yugoslavia). *Gewässer und Abwasser* 64: 39-44.
- SLADCEK, V. (1973). System of water quality from the biological point of view. *Arch. Hydrobiol., Beih. Ergebn. Limnol. (Stuttgart)* 7: I-IV, 1-218.
- SLIFER, E. H. (1979). Sense organs on the antennal flagellum of a stonefly (Plecoptera, Insecta). *Journal of Morph.* 160: 1-6.
- SNELLEN, R. K. (1979). The life cycle of Perlesta placida (HAGEN). *Gewässer und Abwasser* 64: 29-30.
- SNELLEN, R. K. & K. W. STEWART. (1979). The life cycle and drumming behavior of Zealeuctra claasseni (Frisson) and Zealeuctra litel Ricker and Ross (Plecoptera: Leuctridae) in Texas, USA. *Aquatic Insecta (Lisse)* 1: 65-89.
- SOLOD, B. M. & K. W. STEWART. (1972). Dispersal of algae and protozoa via the alimentary tracts of selected aquatic insects. *Environ. Entomol.* 1: 309-314.
- STANFORD, J.E. (1979). Taxonomy and ecology of Rocky Mountain Isocapnia, with special reference to the significance of intraspecific dwarfing. *Gewässer und Abwasser* 64: 76-77.
- STARK, D. P. & R. W. BAUMANN. (1978). New species of nearctic Neoperla (Plecoptera: Perlidae), with notes on the genus. *Gr. Basin Nat.* 38: 97-114.
- STARK, D. P. & A. R. GAUPIN. (1979). The stoneflies (Plecoptera) of Florida. *Trans. Am. Ent. Soc. (Washington)* 104: 391-433.

- STAUFFER, J. R., H. A. BEILES, J. W. COX, K. L. DICKSON, & D. E. SIMONET. (1974-76). Colonization of macrobenthic communities on artificial substrates. *Rev. Biol. (Lisb.)* 10: 49-62.
- STEINMANN, H. (1967). The flying period of Hungarian Plecoptera. *Fol. Entomol. Hung. (Budapest) Stern. Nov.* 20: 197-202.
- STEVENSSON, E. (1977). Growth rates of the stonefly Amphinemura sulcicollis Stephens, in the upper River Wear. *Freshwat. Biol. (Oxford)* 7: 455-460.
- STEWART, K. W. & R. L. FULLER. (1979). Food habits of the stoneflies of Gunnison and Dolores Rivers, Colorado. *Gewasser und Abwasser* 64: 45-46.
- STONEBURNER, D. L. (1977). Preliminary observations of the aquatic insects of the Smoky Mountains: altitudinal zonation in the spring. *Hydrobiologia (The Hague)* 56: 137-144.
- SURDICK, R. F. (1979). Preliminary notes on the systematics of the Nearctic Chloroperlidae. *Gewasser und Abwasser* 64: 59-60.
- SURDICK, R. F. & A. R. GAUFIN. (1978). Environmental requirements and pollution tolerance of Plecoptera. U.S.E.P.A. Environmental Monitoring and Support Laboratory. EPA-600/4-78-062. 417 pp.
- SZCZYTKO, S. W. & K. W. STEWART. (1977). The stoneflies (Plecoptera) of Texas. *Trans. Am. Ent. Soc.* 103: 327-378.
- SZCZYTKO, S. W. & K. W. STEWART. (1978). Isoperla bilineata: Designation of a Neotype and Allotype, and further descriptions of egg and nymph. *Ann. Ent. Soc. Am.* 71: 212-217.
- SZCZYTKO, S. W. & K. W. STEWART. (1979a). Studies of western Nearctic Isoperla. *Gewasser und Abwasser* 64: 73-74.
- SZCZYTKO, S. W. & K. W. STEWART. (1979b). The genus Isoperla (Plecoptera) of western North America; holomorphy and systematics, and a new stonefly genus Cascadopleria. *Am. Ent. Soc.* 32: 1-120.

- THORUP, J. & C. LINDEGAARD. (1977). Studies on Danish springs. *Folia Limnol. Scand.* 17: 7-15.
- TIMMS, B. V. (1978). The benthos of seven lakes in Tasmania. *Arch. Hydrobiol. (Stuttgart)* 81: 422-444.
- TKAC, M. A. & B. A. FOOTE. (1978). Annotated list of stoneflies (Plecoptera) from Stebbins Gulch in northeastern Ohio. *Great Lakes Entomol.* 11: 139-142.
- TORIAS, W. (1976). Kocherfliegen und Steinfliegen einiger Gewässer in Sor Varanger (Nord-Norwegen) (Trichoptera, Plecoptera). V. *Limnephilus minusculus* (Banks 1907). *Entomol. Z.* 86: 121-125.
- TOBKIEWICZ, S. M., Jr. & W. A. DUNSON. (1977). Aquatic insect diversity and biomass in a stream marginally polluted by acid strip mine drainage. *Water Res. (Oxford)* 11: 397-402.
- TOWNS, D. R. (1979). Composition and zonation of benthic invertebrate communities in a New Zealand Kauri forest stream. *Freshwat. Biol. (Oxford)* 9: 251-262.
- USSING, H. (1918). Insektiveti of ved Gudenaens Delta og Randers Fjord. In: JOHANSEN, A. C., Randers Fjords Naturhistorie. København: 351-392. Nach KAISER 1977: darin offenbar erste Beschreibung der Larve von *Isoptena*.
- VEIGL, E. (1979). Autecological studies on the development of Plecoptera in a flysch-stream warming up in summer. *Gewässer und Abwasser* 64: 31-34.
- VERNEAUX, J. & M. REZZOUK. (1974). Les structures d'un grand cours d'eau à Salmonides: la Loue (Massif du Jura). Essai typologique et problèmes de relations entre espèces et milieu. *Ann. Limnol. (Paris)* 10: 131-162.
- HALTON, O. P. Jr., S.R. REICE & R. W. ANDREWS. (1977). The effects of density, sediment particle size and velocity on drift of *Acroneuria abnormis* (Plecoptera). *Oikos (Copenhagen)* 28: 291-298.

- WARD, J. V. & R. A. SHORT. (1978). Macroinvertebrate community structure of four special lotic habitats in Colorado, U.S.A. Verh. Internat. Verein. Limnol. (Stuttgart) 20: 1382-1387.
- WHITE, T. R., P. H. CARLSON & R. C. FOX. (1979). Emergence patterns of fall and winter stoneflies (Plecoptera: Filopalpia) in northwestern South Carolina. Proc. Entomol. Soc. Wash. 81: 379-390.
- WHYTTON DA TERRA, L. S. (1979). Notes on the Portuguese Plecoptera. Gewässer und Abwasser 64: 60-68.
- WICHARD, W. (1979). Chloride cells of Plecoptera larvae. Gewässer und Abwasser 64: 45.
- WIEMERS, W. (1978). Die invertibratenfauna der Fließgewässer im Solinger Rawn. Decheriana (Bonn) 131: 172-182.
- WILHM, J., H. NAMMINGA, & C. FARRARIS. (1978). Species composition and diversity of benthic macroinvertebrates in Greasy Creek, Red Rock Creek and the Arkansas River. Am. Midl. Nat. 39: 444-453.
- WILLIAMS, D. D. & J. H. MUNDIE. (1978). Substrate size selection by stream invertebrates and the influence of sand. Limnol. Oceanogr. (Ann Arbor) 23: 1030-1033.
- WINTERBOURN, M. J. (1978). The macro invertebrate fauna of a New Zealand forest stream. N.Z. J. Zool. 5: 157-170.
- ZHILTZOVA, L. A. (1977a). New species of stoneflies (Plecoptera) from Primorye Territory. Trudi Zool. Inst. A. N. SSSR (Leningrad) 70: 3-9.
- ZHILTZOVA, L. A. (1977b). The fauna and ecology of stoneflies (Plecoptera) of the Ukrainian Carpathian Mountains. Entomol. Obozr. (Leningrad) 56: 43-52. (Russ. with Engl. summ.).
- ZHILTZOVA, L. A. (1977c). Materials on the stonefly fauna (Insecta, Plecoptera) of the upper parts of drainages of streams in the areas of Ussuri and Primorye. Trudi biol. potshwennonogi Inst. (Vladivostok) 46: 17-27. (Russ.).

- ZHILTZOVA, L. A. (1978a). Addition to stonefly fauna of the Nemouridae family (Insecta, Plecoptera) from Central Asia: 2. Vestn. Zool. 1: 35-42. (Russ. with Engl. summ.).
- ZHILTZOVA, L. A. (1978b). New species of stoneflies of the family Chloroperlidae (Plecoptera) from the Soviet Far-East USSR. Entomol. Obozr. 57: 543-548.
- ZHILTZOVA, L. A. (1979). Plecoptera. pp. 438-439 in: MORDUKHAI-BOLTOVKOI, (ed.): The River Volga and its life. Monographiae Biologicae 33, XVI + 473 pp.
- ZHILTZOVA, L. A. & I. M. LEVANIDOVA. (1978). New species of stoneflies (Plecoptera) from the Far East. Trudi Zool Inst. A. N. SSSR (Leningrad) 71: 3-29. (Russ.).
- ZHILTZOVA, L. A. & Y. I. ZAPEKINA-DULKEIT. (1977a). The first find of a male of the genus *Baikaloperla* (Plecoptera: Capniidae). Zool. Zh. (Moscow) 56: 307-308. (In Russ. with Engl. summ.).
- ZHILTZOVA, L. A. & Y. I. ZAPEKINA-DULKEIT. (1977b). New species of stoneflies (Insecta, Plecoptera) from South Primorje. Freshwater fauna of the reserve "Kedrovaya Pad", Proceedings of the Institute of Biology and Pedology (Vladivostok) 45: 50-52.
- ZHILTZOVA, L. A. & Y. I. ZAPEKINA-DULKEIT. (1977c). Larvae of the Baikal stonefly *Baikaloperla kozhovi* Znp. - Dulk. et Zhiltz. (Plecoptera, Capniidae). A species endemic to the Baikal region. Entomol. Obozr (Leningrad). 56: 761-784. (Russ.).
- ZWICK, P. (1977). Plecoptera emerging from two streams at Lunz, 1972-1974. Arch. Hydrobiol. (Stuttgart) 80: 458-505. (Ger. with Engl. summ.).
- ZWICK, P. (1978). Steinfliegen (Insecta, Plecoptera) aus Griechenland und benachbarten Landern. Mitt. Schweiz. ent. Ges. (Zurich) 51: 21-38, 213-239.
- ZWICK, P. (1979a). Revision of the stonefly family Eustheniidae (Plecoptera), with emphasis on the fauna of the Australian Region. Aquatic Insects (Lisse) 1: 17-50.

ZWICK, P. (1979b). Plecoptera from Greece. Gewässer und
Abwasser 64: 69.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Perla](#)

Jahr/Year: 1979

Band/Volume: [04](#)

Autor(en)/Author(s): Redaktion

Artikel/Article: [Recent Plecoptera Literature 15-38](#)